

Revised Construction Completion Report for Phase 2 Building Interim Remedial Measures

113 7th North Street Site
113 7th North Street, Liverpool, New York
Site No. C734152

Submitted to:
New York State Department of Environmental Conservation
Division of Environmental Remediation
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Certification

I, Wendy Moore, P.E., certify that I am currently a registered professional engineer licensed by the State of New York and that I had primary direct responsibility for implementation of the remedial program activities. I certify that the Interim Remedial Measure was implemented and that construction activities were completed in substantial accordance with applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Wendy Moore, P.E., of GEI Consultants Engineering, Geology, Architecture & Landscape Architecture, 400 Unicorn Park Drive #8, Woburn, MA 01801, am certifying as Owner's Designated Site Representative.

PREPARED BY:
GEI Consultants, Inc.



Wendy Moore, P.E.
Project Manager, Senior Engineer
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April 16, 2026

1. Background and Site Description

1.1. Background

The UniFirst Corporation (UniFirst) entered into a Brownfields Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in October 2021 to investigate and remediate a 3.25-acre property located at 113 7th North Street in Liverpool, Town of Salina, New York (Figure 1). The Property is zoned for commercial and light industrial use and its use is expected to continue as a commercial laundry facility.

The Property is in Onondaga County, New York and is identified as Block 02 and Lot 02.1 on the Town of Salina Tax Map #086. It is bordered by Luther Avenue to the northwest and Old 7th North Street to the northeast. The Property is bordered to the southeast and southwest by commercial and industrial properties owned by others. (Figure 2).

1.2. Site Description

Based on available topographic maps and aerials, the former UniFirst facility building was constructed between 1958 and 1959 and expanded in the mid-1970s. The former building was demolished in 2022, and a larger facility building was built in its place, as further discussed below. According to city directories and information available from UniFirst, UniFirst had operated the former facility as an industrial laundry facility since the 1970s. Prior to UniFirst's ownership, the parcel on which the original facility was located was occupied by a "steel service center" and a "dried beef" operation.

Several additional adjacent parcels along Luther Avenue were acquired over the years and have become part of the current UniFirst Property. Most of these parcels were formerly improved with buildings used primarily for offices, storage space, and a wastewater treatment system. In 2017, in anticipation of the construction of the new laundry facility, six of the seven separate parcels making up the Property were combined into a single tax property. In 2019, another property along Luther Avenue was acquired and combined with the single tax property in 2020. Collectively, these UniFirst parcels are hereafter referred to as "the Property" (Figure 2).

Historically, tetrachloroethene (PCE), the principal constituent of concern (COC), was used in the dry-cleaning process. UniFirst ceased its dry-cleaning operations and use of PCE by 1987 and does not store PCE at the Site. Dry cleaning activities occurred only within the former facility building, which was replaced by a new 55,700 square foot 1-story facility in 2023. The new facility was constructed in two phases to facilitate continuous laundry operations during the facility expansion. The construction phases are illustrated in Figure 2.

To prepare for construction, the buildings on the more recently acquired parcels along Luther Avenue, including administrative, storage and wastewater treatment, were demolished between 2017 and 2020. The first phase of the facility renovation (Phase 1), consisting of an approximately 31,000 square-foot structure was then constructed adjacent to Luther Avenue between summer 2020 and spring 2022.

While Phase 1 was under construction, UniFirst continued operating in the pre-existing facility in the east/northeast side of the Property.

Once the Phase 1 building was completed, facility operations moved to the new Phase 1 building, the pre-existing facility building was demolished in spring of 2022, and Phase 2 construction began in its place between May 2022 and October 2023. Upon completion of Phase 2 in October 2023, the new facility was joined as a single building housing UniFirst's laundry facility and administrative operations. The remainder of the Property is paved, except for a strip of landscaped grass at the front of the new facility building along Old 7th North Street, the stormwater retention pond in the southern portion of the Property, and a rip-rap-lined drainage swale between the southeastern wall of the building and the Property boundary. The current site configuration is shown in Figure 2.

There is a fence enclosing the property along the southern and eastern Property lines, which attaches to the facility building, limiting access to the Property from the adjacent truck stop and gas station.

In conjunction with Phase 2 construction preparation and throughout the new facility construction, GEI performed certain subsurface investigations at the Property to begin characterizing Site conditions. The subsurface investigation included collection of soil, groundwater, and soil vapor samples for laboratory analysis of volatile organic compounds (VOCs) and, to a certain extent, other parameters recommended by NYSDEC guidance for Remedial Investigations. Results of the subsurface investigations performed through November 2021 were described in the Remedial Investigation Work Plan, submitted as final on September 2, 2022, and approved by the NYSDEC on September 9, 2022. Investigations performed after February 2022 will be included in a future Remedial Investigation Report (RIR).

1.3. Document Purpose and Scope

The purpose of this Revised Construction Completion Report (CCR) is to document the performance of Interim Remedial Measures (IRMs) that were incorporated into the "Phase 2" portion of laundry facility renovations undertaken by UniFirst.[1] As further described in Section 2, the IRMs generally involved:

- Demolition of the pre-existing building, followed by injection of treatment reagents into the subsurface near the source area to facilitate dechlorination of VOCs, primarily PCE and its daughter products in groundwater.
- Installation and testing of a vapor barrier and venting system beneath the new Phase 2 building to mitigate potential vapor intrusion associated with VOCs, primarily PCE, detected in soil and groundwater.

The IRM approach was described in the Interim Remedial Measure Work Plan (IRMWP) for Phase 2 Construction Area (Revision 3) dated September 2, 2022 (GEI, 2022), which was approved by NYSDEC on

[1] The Draft CCR for Phase 2 Building IRM was submitted to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) in August 2024 for review. NYSDEC provided comments on the draft on April 21, 2025 and NYSDOH provided comments in a letter to the NYSDEC dated May 21, 2025.These comments were addressed in the CCR for Phase 2 Building IRM submitted on August 29, 2025. NYSDOH provided additional comments in a letter to the NYSDEC dated February 2, 2026, which are addressed in this revision.

September 9, 2022. This CCR has been modeled after the NYSDEC's Final Engineering Report (FER) template and includes the information that will ultimately be required in the FER in accordance with the DER-10.

2. Summary of Interim Remedial Measure Implementation

2.1. Interim Remedial Measure Objectives

The IRM for Phase 2 was conducted for the purpose of reducing source mass of VOCs and VOC exposure potential in a manner that could be feasibly implemented in conjunction with the facility renovation scope and schedule.

2.2. Description of Interim Remedial Measure

The IRM was implemented in general accordance with the NYSDEC-approved IRM Work Plan for Phase 2 Construction submitted final on September 2, 2022. The following are the components of the IRM:

- Demolition of the pre-existing building and subsequent source area treatment (i.e., injection of treatment reagents to address the source area of PCE-impacted soil and groundwater located beneath the pre-existing facility building before construction of Phase 2 of the new facility) and associated post-treatment monitoring.
- Installation of a vapor mitigation system (VMS) for new Phase 2 building, consisting of the following components:
    - **Sub-Slab Vapor Barrier:** A continuous vapor barrier was installed below the Phase 2 building slab to minimize the potential for vapor intrusion to occur from soil vapor to indoor air.
    - **Sub-Slab Depressurization System:** An active sub-slab depressurization system (SSDS) was incorporated into Phase 2 building design. The sub-slab components included a continuous layer of crushed stone and perforated PVC collection header pipes beneath the foundation and beneath the vapor barrier. The sub-slab header pipes connect to several vertical PVC risers that extend through the concrete slab and above the building roof to the atmosphere. Vacuum blowers are attached to the pipes above the roof level and operate continuously to maintain a vacuum beneath the building slab to mitigate the vapor intrusion pathway.
    - **Indoor Air Testing:** Samples of indoor air were collected inside the completed Phase 2 building and analyzed for VOCs to evaluate the effectiveness of the VMS.
- The contingent task of managing excess shallow soil removed as part of construction activities, containing concentrations greater than the Industrial SCO if observed and encountered following the removal of the pre-existing building slab.

Note that the VMS (Item 2 above) was an integrated and uniform design to address both Phase 1 and Phase 2 (the subject of this CCR) portions of the new facility building. A separate IRM Work Plan was submitted for Phase 1, and the associated work is described in a separate CCR for the Phase 1 IRM.

Additionally, with respect to the contingent task of removing impacted shallow soil (Item 3 above): although impacts greater than Industrial SCOs were not present in excess soils excavated during construction, ultimately all excess soil was managed consistent with an Excavation Work Plan (EWP) and disposed of off-site at a permitted facility because it could not be reused on Site.

Design drawings, specifications, and manufacturer information were provided in the Phase 2 IRM Work Plan. The information and certifications made in the Phase 2 IRM Work Plan, along with observations during and following the implementation of the remedial measures, were considered in preparing this CCR and certifying the IRM implementation.

Additional details regarding the Phase 2 IRM components and support activities are provided in the following subsections.

2.3. Governing Documents

IRM activities described herein were conducted in accordance with the NYSDEC-approved Phase 2 IRM Work Plan (submitted as final September 2, 2022). Deviations from the IRM Work Plan for Phase 2 are noted in Section 3.3.

Several project plans were appended to the IRM Work Plan for Phase 2, including:

- **Community Air Monitoring Plan (CAMP):** The NYSDEC Generic CAMP is intended to provide a measure of protection for the downwind community (i.e., off-Site receptors, including residences and businesses and on-Site workers not involved with Site activities) from potential airborne contaminant releases as a direct result of intrusive activities.
- **Quality Assurance Project Plan (QAPP):** The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/quality control activities designed to achieve the project data quality objectives.
- **Field Sampling Plan (FSP):** The FSP describes the methods for performing investigation field activities and details regarding project organization.
- **Health and Safety Plan (HASP):** Remedial work was performed in compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA. A Site-specific HASP was prepared and used for remedial and ground-intrusive work performed at the Site.

An EWP and a Citizen Participation Plan (CPP) are also available for this Site. The EWP identifies the specific plans and procedures to be followed for handling of impacted materials potentially disturbed during intrusive work during construction (Appendix A). The CPP was prepared to provide opportunities for citizens affected by and interested in the Site's environmental response actions to participate more fully in Site decisions that affect their health, environment, and social well-being. The CPP was published by NYSDEC in February 2022. The CPP is available at this web address: https://www.dec.ny.gov/data/DecDocs/C734152/.

3. Description of Interim Remedial Measures Performed

3.1. Remedial Program Elements

3.1.1. Project Team

The key firms who were involved with implementing IRM activities at the Site are identified in Appendix B.

3.1.2. Site Preparation

The following pre-remediation/Site preparation activities were conducted by UniFirst or its representatives prior to initiation of the IRM activities:

- Prepare the Site for implementation of IRM activities, including obtaining NYSDEC approval of the Phase 2 IRM Work Plan.
- Survey and stake injection points.
- Establish Site access control.
- Perform utility clearances.
- Set up equipment for dust monitoring during implementation of the IRM (discussed in Section 3.1.3).
- Coordinate and arrange for IRM activities in concert with the facility renovation schedule.

Additional information regarding these activities is provided in the following subsections.

3.1.2.1. Survey Control

Warren Ramie Surveying used Global Positioning System (GPS) methods to survey and mark the injection point layout and to measure the ground elevations of the injection points (Appendix C). The same surveyor also conducted survey control on C&S Companies' (C&S; the Construction Contractor) behalf for the facility renovation.

3.1.2.2. Site Security and Support Area

Access to the Phase 2 construction area was controlled by the Construction Contractor during facility renovations. C&S erected perimeter fencing and gates to limit unauthorized access to the work area. C&S also provided support areas inside the perimeter fence, including a mobile office trailer and portable sanitation.

During implementation of source area treatment, GEI and IET (the Remedial Contractor for injection work) implemented safe work practices throughout the drilling and injection process in accordance with

their respective HASPs. The remediation support areas were fully self-contained inside a mobile trailer containing the injection chemical storage and delivery components, onboard generator, mobile office space, and health and safety components (safety shower and eyewash).

Contractor equipment was regularly inspected prior to use and checked periodically for performance and corrective repair. Equipment was cleaned prior to arrival on the project Site, as well as prior to demobilization from the Site.

3.1.2.3. Utility Clearance

Utilities were protected, relocated, and constructed by the Construction Contractor as part of construction activities not related to this IRM. As part of remedial injections, and throughout the duration of the facility construction project, areas and locations of intrusive work were pre-marked and the New York State one-call center ("Dig Safely NY") was contacted at least three days prior to commencing intrusive work to request that utilities be located and marked. Additionally, the Construction Contractor consulted existing UniFirst utility plans for locations of on-Site utilities.

3.1.2.4. Site Safety Protocol

On behalf of Unifirst, GEI recommended health and safety protocols for the Construction Contractor to employ for its workers while conducting maintenance and redevelopment work at or below grade. The Construction Contractor used this information to develop their own safety program, which generally consisted of:

- Video training for each site worker prior to entering the site to perform work.
- Employment of a health and safety contractor to provide personnel air monitoring during ground intrusive activities.
- Employment of OSHA trained personnel to perform the ground-intrusive work.

3.1.2.5. Approvals

Copies of NYSDEC's approval of the IRM Work Plan for Phase 2, NYSDEC approval letters for imported soils, and approvals of the contained-in requests for off-site management of excess soil that was generated during Phase 2 construction are included in Appendix D. No other permits or approvals were required for the Phase 2 construction interim remedial activities.

3.1.3. CAMP Monitoring

Phase 2 construction activities included intrusive activities into native soil, so continuous vapor and dust monitoring was performed. Vapor and dust monitoring requirements, action levels, appropriate corrective actions and reporting requirements are presented in the CAMP (Appendix E). On UniFirst's behalf, GEI performed CAMP monitoring using three automated stations with datalogging during intrusive activities into native soil within site limits. The automated stations were equipped with photoionization detectors (PID) with 11.7-volt lamps, dust monitors, and a cellular modem to transmit data back to a voice-data-video (VDV) system. GEI provided data to NYSDEC, NYSDOH, and UniFirst on a

weekly basis via email during the active monitoring periods (Appendix E). The data reports identified work locations and monitoring locations during the applicable reporting period, summarized air monitoring results, and discussed exceedances when applicable. The reports also included a qualitative odor monitoring log.

During the first few months of construction, while the foundation was being constructed, a GEI employee was on site full-time during intrusive activities to observe the excavations and maintain the CAMP stations.

GEI addressed exceedances of air monitoring action levels in real time in consultation with the Contractor and notified UniFirst and NYSDEC as soon as the exceedance was identified (i.e., the same day or the next business day, if after hours). GEI sent a follow-up e-mail to NYSDEC, NYSDOH, and UniFirst within approximately 24 hours of each action level exceedance that summarized the data, the cause of the exceedance and corrective measures implemented in response to the exceedance.

Occasions on which the concentration of dust (PM_{10}) or Total Volatile Organic Compounds (TVOC) were measured at concentrations higher than the applicable Action Limits are described below. Exceedances were either unrelated to site work or were addressed quickly without stopping work.

- Between May 10 and May 21, 2022, several exceedances of the PM_{10} Action Limit were measured at monitor AIR-101. However, these exceedances were suspected to be occurring due to an error with the dust monitor. During this time, GEI attempted to fix the dust monitor, and it was ultimately replaced. After replacement, the meter operated as expected and exceedances of the PM_{10} Action Limit were no longer detected.
- Particulate matter was detected above the PM_{10} Action Limit at one station and above the PM_{10} Response Level at another station on May 27, 2022, at 10:45 PM. There was no work occurring at the Site at this time.
- On June 22 and 23, 2022 PM_{10} was detected above the Action Limit a few times. Each time, heavy vehicular traffic was present near the monitoring stations and concentrations returned to below the applicable limits within 15 to 30 minutes without intervention.
- On August 5, 2022, and August 22-24, 2022, occasional exceedances of the TVOC Action Limit were measured. These exceedances occurred during non-working hours.
- One measurement exceeding the TVOC Action Limit was detected on October 5, 2022, while forms for footings were being built. The concentration returned below the Action Level within 15 minutes without intervention.
- TVOC levels were occasionally measured above the Action Limit on October 13 and 14, 2022. These exceedances occurred during non-working hours.
- Occasional measurements of TVOCs were above the Action Limit on October 25 and 26, 2022. Most exceedances occurred during non-working hours, potentially due to idling trucks on the adjacent property close to the monitor. TVOC concentrations remained high when work began on the Site but did not elevate higher than they had been prior to the work beginning for the day.

- Concentrations of PM_{10} were measured above the Action Limit in two CAMP stations during one 15-minute interval on November 2, 2022. These measurements occurred during non-working hours.
- On November 11, 2022, PM_{10} was measured above the Action Limit during one 15-minute interval while work was being performed on the Site. The concentration returned below the Action Limit within the following 15 minutes without intervention.
- TVOCs were measured above the Action Limit on November 12, 2022, while no work was being conducted on the Site.
- TVOCs were measured above the Action Limit during a 45-minute period on December 7, 2022. Vehicles were idling near the station where the exceedance was measured during this period, and the monitor had a low battery and moisture in the tubing. Once the issues with the sensor were resolved, the concentration of TVOCs returned below the Action Limit.
- PM_{10} levels were measured above the Action Limit during two 15-minute intervals on May 24, 2023 and one 15-minute interval on May 30, 2023. Traffic was heavy near the monitoring station during these times, and concentrations decreased to acceptable levels without intervention.

3.1.4. Reporting

GEI's construction observation reports associated with the injections, ground intrusive work, and VMS installation are in Appendix F. A photographic log is in Appendix G. Additionally, monthly summary reports relating to Phase 2 Construction were submitted to the NYSDEC (reporting relevant to this IRM started in April 2022 and ended in October 2023). These reports summarized construction and BCP-related activities performed during the preceding month.

3.2. Interim Remedial Measure Elements

3.2.1. Remedial Injections

3.2.1.1. Injection Program

As described in the IRM Work Plan, the source area remediation was expedited because the area was only accessible for a short period of time between demolition of the prior building and construction of the new facility. Demolition of the pre-existing laundry facility building was necessary prior to performing the in-situ treatment within the target area. The injection program was designed to be completed in a limited time to minimize building construction delays and it was designed as a one-time injection because new building limits access to the source area for supplemental injections or other remedial measures. The target treatment area (Figure 3) was identified in consideration of existing characterization data and included an area of approximately 10,000 square feet located primarily beneath the pre-existing laundry facility building. The target treatment zone extended from approximately 8 to 20 feet beneath the floor elevation of the pre-existing building.

The source area treatment component of the IRM was designed to facilitate accelerated in-situ dechlorination of chlorinated volatile organic compounds (CVOCs; specifically, PCE and its degradation products) within the target treatment area using both abiotic and microbial processes. It was designed to promote groundwater quality improvements over time in the adjacent downgradient areas. This treatment approach included injecting emulsified zero-valent iron (EZVI), zero valent iron (ZVI), and colloidal suspensions consisting of biostimulants and various organic hydrogen donors via temporary injection points. These materials typically facilitate reduction of the dissolved phased CVOCs while initiating the production of hydrogen for ongoing microbial mineralization processes.

The injections were conducted in four specific areas shown on Figure 3. These include three permeable reactive barrier (PRB) features and the primary target treatment area. The three PRB zones were injected first. Once the PRB zones were injected, the primary target area was injected in a circular pattern beginning at the southern perimeter of the area and working inward to minimize displacement outside the zone. Figure 3 illustrates the injection locations and target radius associated with each injection point.

Between May 23 and June 3, 2022, a total of 5,200 gallons of EZVI and 14,400 gallons of slurry containing ZVI and nutrients were injected within the target depth zone (8 to 20 feet below grade). The details of the injection program were reported in a memo to UniFirst on January 18, 2023 (Appendix H).

3.2.1.2. Monitoring Well Installation

Two new downgradient well couplets (MW3S/I and MW4S/I) and an upgradient well couplet (MW5S/I) were installed after the injection program was complete. Each pair consists of one shallow well set at the water table within the silt and clay layer, and one deeper well set with the top of the screen at the top of the underlying sand layer. When drilling below 20 feet to install the deeper well of each couplet, cased auger drilling techniques were used to minimize vertical migration potential. The upgradient well couplet (MW5S/I) was installed between the Phase 1 portion of the new laundry facility and Luther Avenue (Figure 2). The two downgradient well couplets (MW3S/I and MW4S/I) were installed between the southeastern wall of the Phase 2 building and UniFirst's southeastern property line (Figure 2), in the area at the downgradient edge of the injected source zone where the highest PCE impacts were previously observed in groundwater. MW3S was installed at the approximate location of temporary well point TW6, and MW4S was installed at the approximate location of temporary well point TW9. The data from samples collected from TW6 and TW9 serve as pre-injection data points for MW3S and MW4S, respectively. Two existing cross-gradient water table wells (MW1 and MW2) were intended for use as part of the IRM but had to be decommissioned due to Phase 2 construction. Decommissioning Records are in Appendix I. These wells were replaced after construction was completed (and named MW1R and MW2R). Installation of all monitoring wells occurred later than originally planned due to access limitations related to the building construction. Further, although MW-5S and MW-5I were able to be installed prior to the first round of post-injection groundwater sampling, the remainder could not be installed due to ongoing construction. As such, to allow for collection of the first round of post-injection groundwater samples from the MW1R through MW4S/I locations, grab samples were collected from temporary (Hydropunch) well screens in February 2023 (further discussed in Section 3.2.1.3). Permanent wells were later installed (in June 2023) in these locations prior to the second of three planned rounds of post-injection groundwater sampling.

The permanent wells are of standard construction, with 2-inch diameter SCH-40 PVC 0.010-inch slotted well screen threaded to 2-inch diameter SCH-40 PVC riser pipe to the ground surface and a 1-foot sump. Chemically inert silica sand was backfilled to 1 to 2 feet above the top of the screen. A bentonite seal was placed above the screen and sand pack. The bentonite seal is a minimum of 24-inches thick. MW1R and MW5S/I have flush mount completion and the remaining wells have stick-up completion. Monitoring well construction logs are in Appendix I.

Monitoring wells were developed and monitored for drawdown and recovery immediately following installation. Development was performed by alternately surging and pumping until the development water appeared to have low turbidity, or until a maximum of approximately 10 well volumes had been removed. Drill cuttings were stored on Site for proper transportation and off-Site disposal. Well development fluids were pumped into 55-gallon drums and stored on Site for proper transportation and off-Site disposal. Disposal documentation is in Appendix J.

3.2.1.3. Post-Injection Groundwater Monitoring

A network of eight groundwater monitoring wells (six of which are co-located well pairs) have been used to monitor upgradient, source area, and downgradient groundwater conditions around the source zone treatment area. Specifically, groundwater from the locations of the following wells (Figure 2) were sampled on three occasions as part of the injection-related monitoring program: MW-1R, MW-2R, MW3S, MW3I, MW4S, MW4I, MW5S, and MW5I. The IRMWP proposed three post-injection groundwater sampling events at six, nine, and 12 months following the injection. Due to access and well installation limitations associated with ongoing construction, the groundwater sampling events were conducted eight, 13-, and 18-months post injection, as indicated below.

3.2.1.4. Round 1

On February 6 to 8, 2023, grab samples were collected via a Hydropunch sampling device from borings in the eventual locations of the permanent monitoring wells MW1R through MW4S/I. Grab groundwater samples were collected from the top of the water table at each shallow well location. After the top-of-water-table grab groundwater samples were collected, the borings at the MW3 and MW4 locations were drilled deeper to obtain the intermediate grab groundwater sample from depths of 30 to 35 feet below grade at each location. The grab groundwater samples collected from each boring were analyzed for VOCs, sulfate, dissolved gases, total iron, dissolved iron, and volatile fatty acids (VFAs). This grab sampling method was employed during this initial round of post-injection monitoring because permanent monitoring wells MW1R through MW4S/I could not be installed due to ongoing construction activities in these locations.

On February 21, 2023, monitoring wells MW5S and MW5I were purged via the low-flow method and the first round of post-injection groundwater samples were collected from these two permanent upgradient wells for analysis of VOCs.

3.2.1.5. Round 2

On July 5 and 6, 2023, the second post-injection groundwater monitoring event was conducted. Monitoring wells were gauged for depth to groundwater, depth to well bottom, and potential NAPL

presence. Monitoring wells MW1R, MW2R, MW3S, MW3I, MW4S, MW4I were purged via the low-flow method, and groundwater samples were collected for analysis of VOCs, dissolved gases, sulfate, total iron, dissolved iron, and VFAs.

Background wells MW5S and MW5I were purged via the low-flow method and groundwater samples were collected for analysis of VOCs.

3.2.1.6. Round 3

The third and final post-injection IRM groundwater monitoring event was conducted on November 30 and December 1, 2023. Monitoring wells were gauged for depth to groundwater, depth to well bottom, and potential NAPL presence. Monitoring wells MW1R, MW2R, MW3S, MW3I, MW4S, MW4I, MW5S and MW5I were purged via the low-flow method, and groundwater samples were collected for analysis of VOCs, dissolved gases, sulfate, total iron, dissolved iron, and VFAs. Unrelated to the IRMWP, sampling of additional wells and analysis of more parameters at the wells subject to the IRM groundwater monitoring were also conducted during this event in support of the Remedial Investigation. The additional results will be reported in the forthcoming RIR.

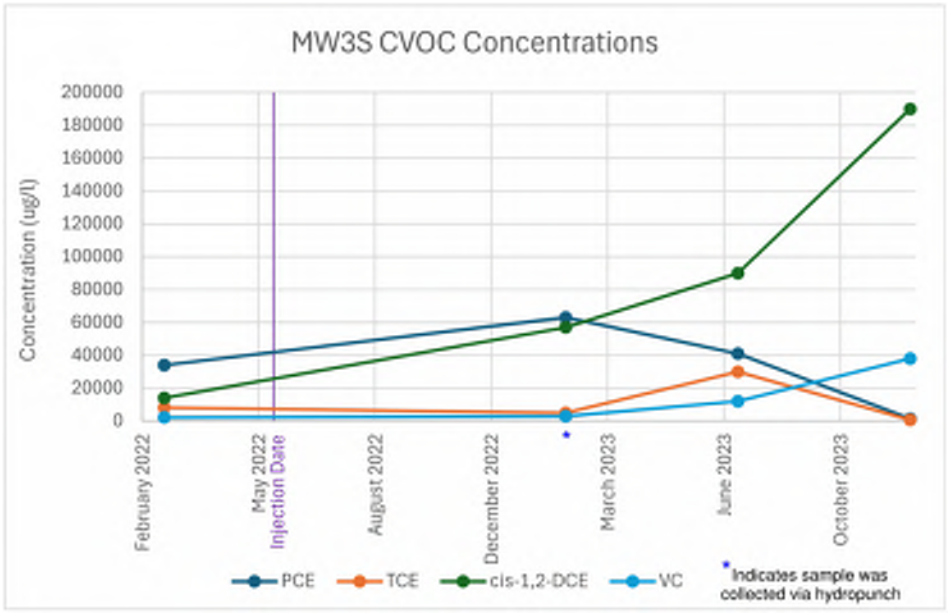
Periodic post-injection monitoring is expected to continue as part of a long-term monitoring plan, as discussed in Section 3.5.

3.2.1.7. Post-Injection Groundwater Results

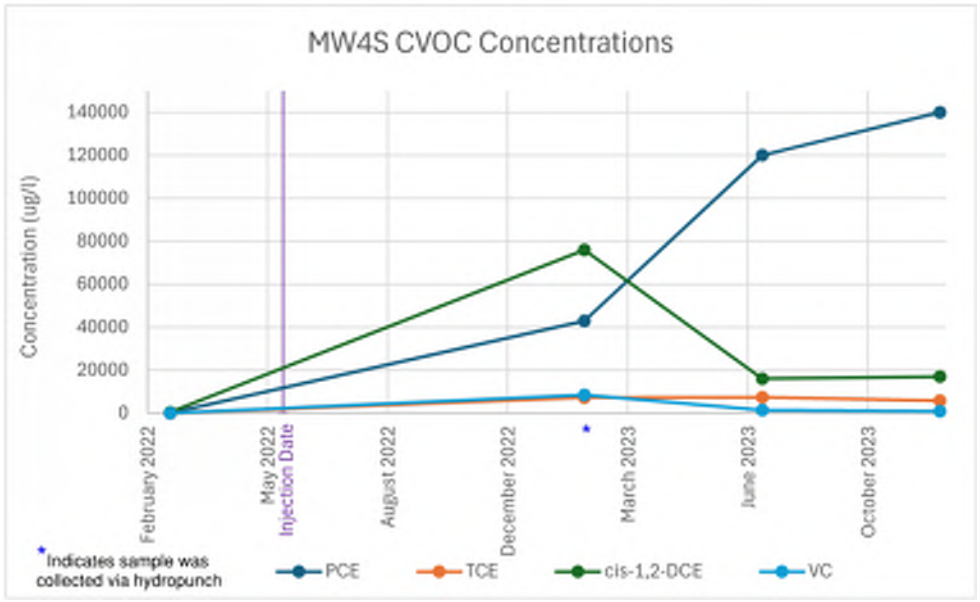
The remedial injection program was intended to reduce concentrations of CVOCs in groundwater including PCE and its daughter products: trichloroethene (TCE), dichloroethenes (cis- and trans-DCE), and vinyl chloride (VC). Groundwater analytical results related to the IRM injection monitoring are summarized in Table 1 and laboratory data sheets are in Appendix K. The IRM injection-related data is discussed below, and graphical depictions of concentration trends are included in Appendix L. The following is a summary of the parameters of interest in monitoring wells related to the injection program.

3.2.1.8. CVOCs

Monitoring wells MW3S and MW4S, are directly within/downgradient of the injection area, thus expected to be most influenced by the injection. As indicated in the graph below, PCE concentrations in MW3S decreased steadily after the injection while daughter product (TCE, cis-1,2-DCE, and VC) concentrations increased. This is a classic illustration of reductive dechlorination, suggesting that the injection had the desired effect. Both PCE and TCE concentrations were on the decline at the end of the monitoring period while cis-1,2-DCE and VC trended upward, indicating continued effectiveness.



At MW4S, the graph below shows a temporary increase in cis-1,2-DCE concentration during the first post-injection monitoring event, suggesting some degree of reductive dechlorination was achieved. However, changes in other degradation products (TCE and VC) were minimal. Also, the PCE concentration continued to increase at this location throughout the post-injection monitoring period.



Wells MW3I and MW4I are screened below the shallow silt/clay zone adjacent to shallow wells MW3S and MW4S, respectively. These wells were installed after the remedial injection, so baseline (pre-injection) data are not available at these locations. Trend graphs for these locations are in Appendix L. At MW3I, concentrations of all CVOCs decrease consistently over the post-injection monitoring period. At MW4I, the post-injection PCE concentration initially increased slightly, then decreased while concentrations of daughter products increased. Both datasets suggest the injection effectiveness extended to the deeper groundwater zone.

Monitoring wells MW1R and MW2R are side gradient of the injection area, thus less likely to be directly influenced by the injection. In each of these wells, there was an increasing trend in PCE and daughter products after the injection, followed by a significant decrease. At MW1R, which is located further from the injection area than MW2R, the timing of the peak concentrations was delayed relative to MW2R (Appendix L), suggesting the trends were likely attributable to groundwater redistribution during and following the injection.

However, the PRBs were effective at minimizing the effects of injection-based redistribution, as evidenced by the sharp decline in CVOC concentrations following their initial post-injection peaks.

As expected, CVOCs were not detected above laboratory reporting limits in the upgradient monitoring wells during any sampling event.

3.2.1.9. Monitored Natural Attenuation Parameters

Charts depicting the concentration trends for each monitored natural attenuation (MNA) parameter in all wells are in Appendix L. MNA-related data are also summarized in Table 1.

Sulfate was generally stable during the post-injection sampling events, except in MW3S and MW4S (which were closest to the source injection zone) and MW2S (side-gradient of the source injection zone), which had decreasing trends during the three events. Reduction in sulfate is an indicator of anaerobic degradation (EPA, 2023), suggesting that the injections enhanced conditions for biological degradation in this area as intended.

Dissolved iron concentrations increased during the post-injection period in monitoring wells MW1R, MW2R, MW3S, and MW3I. By the third post-injection sampling event, dissolved iron concentrations fell below pre-injection concentrations at MW4S and MW4I and only MW3S had a concentration of dissolved iron that was higher than the background concentrations measured in MW5S and MW5I. The elevated concentrations of dissolved iron (Fe^{2+}) in MW3S suggest that the ZVI is enhancing the reductive dechlorination of PCE in this well[2], as intended.

Concentrations of total iron generally decreased in all downgradient monitoring wells during the post-injection monitoring period. The total iron concentrations from the first post-injection event in February 2023 sampling event may be artificially high due to high turbidity in the grab samples from the temporary well points. Discounting the first round of post- injection data, by the third post-injection sampling event, total iron concentrations in the downgradient wells were generally stable relative to pre-injection concentrations and comparable to the background concentrations in MW5S and MW5I, with the exception of MW3S. The increased concentration of total iron in MW3S is likely due to the injected ZVI reaching this area.

Overall, VFAs had decreasing trends in most of the wells that were sampled during the post-injection sampling events. Many VFAs were not detected at all in some wells and/or had high detection limits for

[2] Fe0 (ZVI) is oxidized to Fe2+ (which is measured as dissolved iron) during the reductive dechlorination of PCE. Fe0 is also oxidized to Fe2+ in a reaction with water, which supplies hydrogen to further the dechlorination reaction of PCE to TCE.

certain events so concentration trends are not well defined. The injection program was designed for VFAs to be present and aid in the dechlorination process for only a short period (maximum 100 days) after the injections, a time period that was not captured by the post-injection monitoring events because the timing of the events could not be achieved as discussed above.

Nevertheless, propionic acid[3] was detected at elevated concentrations (compared to results from other wells during the same sampling event) in MW3S, MW3I, MW4S, and MW4I during the first post-injection sampling event, suggesting some longevity beyond 100 days. During the following sampling events, the concentrations of propionic acid were very low or not detected, with the exception of MW3S. Concentrations of propionic acid in MW3S remained significantly higher than concentration of propionic acid in other monitoring wells but had a decreasing trend during the three sampling events.

Between the first post-injection event in February 2023 and the third event in November 2023, methane concentrations increased in monitoring wells MW1R, MW2R, MW3S, MW3I, MW4S, and MW4I. The highest concentrations of methane during this time were in MW3S and MW4S, which are the wells within/immediately adjacent to the source zone injection. The presence of elevated methane concentrations indicates active methanogenesis (a form of anaerobic degradation).

Ethane was present at elevated and increasing concentrations in monitoring wells MW3S and MW4S. The presence of elevated ethane concentrations indicates anaerobic degradation of PCE.

Ethene was present at elevated and increasing concentrations in MW3S. Ethene is the final product of aerobic PCE degradation. Increasing ethene concentrations indicate increased degradation of PCE. Ethene was also detected at an elevated concentration in MW4 during the first post-injection event, indicating that aerobic degradation of PCE was likely occurring immediately following the injection.

3.2.1.10. Summary

Trends in concentrations of CVOCs and MNA parameters in MW3S, MW3I, and MW4I (directly downgradient of the injection area) indicate that aerobic and anaerobic dechlorination of PCE is occurring and is likely enhanced by the injected compounds.

As noted in Section 3.2.3, construction-related dewatering of Phase 2 footing excavations, including the area near MW4S and MW4I, removed an unknown amount of injection fluid from the subsurface, which occurred intermittently for approximately 6 months after the injections were conducted. The removal of some of the injection fluid may have reduced the effectiveness of the injection in MW4S and MW4I.

An extended groundwater monitoring program, discussed further in Section 3.5, is being performed for this Site to observe ongoing groundwater quality and evaluate the continued effectiveness of the injection program and natural attenuation.

[3] Although ten forms of VFAs were analyzed during the post-injection events, propionic acid is of particular interest because calcium propionate was included in the injection fluid. Calcium propionate is a salt made up of calcium hydroxide and propionic acid. It was included in the injection fluid as a soluble, slow, controlled source of propionic acid, which provides a source of hydrogen for reductive dechlorination.

3.2.2. Vapor Mitigation System

3.2.2.1. Vapor Barrier Installation

The sub-slab vapor mitigation barrier, referred to in the Phase 2 IRM Work Plan as the Gas Barrier, is MonoShield®, manufactured by Land Science, a division of REGENESIS, Inc. MonoShield® includes a 30-mil composite geomembrane (MonoBase) composed of a metallized film laminated to a nonwoven geotextile and reinforcement layers. Seams and penetrations through the MonoBase membrane (e.g., steel piles) were spray sealed with 60-millimeter-thick layer(s) of Nitra-Core, a water-based, liquid nitrile-modified asphalt latex. Additional information about the vapor barrier material – including manufacturer's standard details for sealing seams, membrane penetrations, and termination to the foundation walls – were provided in the Phase 2 IRM Work Plan.

The MonoShield® barrier was sealed to each penetration, overlapping seams, and the inside of the outer foundation wall using the Nitra-Core latex spray to create a continuous barrier beneath the interior slab, then smoke tested. During installation of the vapor barrier, the installer performed smoke testing to identify and repair initial defects before overlying material was placed and the slab poured. Smoke tests were observed and documented by GEI. Observed defects were repaired before the vapor barrier material was covered. After the smoke testing, a layer of non-woven geotextile was placed over the vapor barrier material to protect it during addition of a layer of crushed stone fill and construction of the concrete floor slab above. GEI's construction observation reports associated with the vapor barrier installation are in Appendix F. A photographic log documenting vapor barrier installation is in Appendix G. Additionally, monthly summary reports relating to Phase 2 Construction were previously submitted to the NYSDEC between April 2022 and October 2023. These reports also summarized construction and BCP-related activities performed during the preceding month.

3.2.2.2. Sub-Slab Depressurization System

The sub-slab vapor barrier for the Phase 2 building was underlain with a minimum 6-inch-thick layer of porous, crushed stone (majority particle size $^{3}/_{8}$"-1", less than 5% passing No. 4 sieve) to create a vapor collection layer for the SSDS. The building contains two venting zones - one for Phase 1 and one for Phase 2 - each zone includes 6-inch perforated, SCH 40 PVC collection headers set in the crushed stone layer (see as-built drawings in Appendix C). As with the other sub-slab utilities for the new facility building, pipe hangers were used to install the vent header pipes and support them from the slab above. Where the Phase 1 portion of the building abuts the Phase 2 portion, a concrete structural beam bisects the crushed stone vent layer and serves to isolate the sub-slab depressurization zones in Phase 1 from those in Phase 2 (see Appendix C).

The sub-slab pipe headers connect to solid 6-inch PVC risers that penetrate the slab and extend up through the roof (Appendix C). Two PVC risers are included within the Phase 2 portion of the building and are labeled with the stack IDs S4 and S5 (as shown on Figure 2). Each riser is affixed with a 6-inch PVC ball valve that enables the riser to be shut off. The Phase 2 risers turn 90 degrees and run horizontally from the point above where they penetrate the slab in the interior of the Phase 2 building to the southeastern outside edge of the building before turning up and venting through the roof.

The PVC risers extend approximately 8 feet above the roof, above the elevation of the nearest roof-level fresh air intakes, which are located more than 30 feet away from the discharge stacks. The discharge stacks were braced with guy wires and roof anchors. Sometime between October 2023 and December 2024, discharge stack S5 broke and the fan fell to the roof. In June 2025, the fan was replaced and a metal bracket was installed to support this stack in lieu of guy wires.

The discharge point is angled up 45-degrees to allow for an upward discharge trajectory away from the roof and to reduce potential rainwater intrusion. Photographs of the roof vents are in Appendix G.

To enable vapor extraction and create a vacuum field of at least 0.004 inches water column in the sub-slab vent layer below the vapor barrier, a 6-inch inline axial "radon" fan was mounted in each rooftop discharge stack. Fan product information is in Appendix M. Power to the roof-mounted extraction fans is provided from a 15-amp dedicated circuit, single phase, 120 volts. The estimated power consumption for each extraction fan is 3 amps or less.

The SSDS riser piping was visually inspected by the Engineer's representatives to determine conformance with the design after it was installed. The Phase 1 blowers were confirmed to be operational post-startup, with the initial measurement of pressure readings, conducted on January 17, 2024, indicating vacuums of 0.42 and 1.35 inches of water column in the Phase 2 stacks.

Pressure was measured via sub-slab monitoring points (discussed in Section 3.2.2.3) on January 18, 2024 following system start-up, as well as December 12, 2024, March 20, 2025, June 2025 (June 16 and 26), and December 10, 2025[4] as part of subsequent inspection and repair events to record that as-built conditions meet design criteria for the sub-slab vacuum. The results are on Figure 4 and the measurements are discussed in more detail in Appendix N.

Pressure measurements were made on multiple occasions between late 2024 and mid 2025 because repairs were necessary following the December 2024 inspection event. One blower and discharge stack (S5 in Figure 2) were damaged sometime in early 2025, and insufficient negative pressure was observed in one monitoring point (MP6 in Figure 2) due to incorrect cap installation. The S5 stack was repaired on June 11, 2025, and monitoring point MP6 was repaired on June 26, 2025. Following repairs, sub-slab pressure measurements confirmed that the SSDS effectively creates a negative pressure zone in the sub-slab under normal operating conditions.

3.2.2.3. Vapor Mitigation Monitoring Points

Monitoring points for the VMS were installed as follows:

- **Sub-Slab Monitoring Points:** six pairs of sub-slab monitoring points were installed through the Phase 2 building slab prior to completing the vapor barrier installation. The monitoring point locations are indicated on Figures 2, 4 and 5. The slab design includes thickened reinforced sections (tie beams) with a crushed stone fill layer in between, and the vapor barrier was set below this fill layer and bottom of tie beams. This unique slab profile provides an opportunity to

[4] Monitoring Point MP6D was not accurately measured on December 10, 2025 (i.e., probe was not properly sealed to the port) so a technician returned on January 8, 2026 to successfully measure the MP6D pressure.

monitor sub-slab conditions both above and below the vapor barrier, if necessary. Each pair of sub-slab monitoring points consists of a shallow (above vapor barrier) and a deep (below vapor barrier) monitoring point. Each sub-slab monitoring point was constructed similar to a flush-set plumbing cleanout, the interior gasketed and threaded cap on the sample pipe provides a vapor-tight seal and the means to attach temporary fittings for monitoring. Seals to the vapor barrier around the deep monitoring points were verified during the smoke testing described in Section 3.2.2.1.

- The deep monitoring points can be used to collect soil vapor from below the vapor barrier, which is the type of monitoring typically performed for sub-slab VMSs. The deep monitoring points can also be used to measure sub-slab vacuum. The contingency shallow monitoring points will only be used if collecting samples from the zone between soil vapor and indoor air is necessary.
- **Riser Pipe Monitoring Points:** At the first-floor level, each riser includes a threaded tee for in-pipe flow velocity measurements and is fitted with a pressure gauge (details in Appendix M), and a separate miniature ball valve sample port for collecting samples or measuring pressure with a manometer. A visual alarm was installed in each riser to alert if the vacuum within the riser drops below 0.25 inches of water column. Power to the indoor riser alarms is provided from nearby 120-volt receptacles.

3.2.2.4. Indoor Air Testing and Soil Vapor Sampling

After both phases of building construction were completed and the laundry was fully operational, heating-season sampling of indoor air and soil vapor was performed in January 2024 simultaneously with sub-slab monitoring port pressure testing (Section 3.2.2.3) to evaluate the effectiveness of the vapor barrier and venting system. The post-startup indoor air and soil vapor sampling is reported in the summary included in Appendix N.

The sampling event included air sampling at one ambient upwind location outside the building (to serve as background conditions) and six locations inside the Phase 2 portion of the building, consistent with the IRM Work Plan for Phase 2. Two additional indoor air locations were also sampled in the Phase 1 portion of the building to support the IRM for that phase of the building.[5]

Additionally, UniFirst elected to collect samples of sub-slab soil vapor from the deep monitoring points at four of the interior air monitoring locations in the Phase 2 portion of the building (and one of the Phase 1 locations).[6] Although sub-slab soil vapor sampling was not required as part of the IRM scope, sub-slab soil vapor samples were collected in certain areas for the purpose of comparison between the

[5] An 8-hour sampling duration for indoor (and ambient) air samples was employed because conditions in the facility change throughout the day as doors are opened and closed, different machines and processes are used, and the HVAC system may operate differently throughout the day. The 8-hour samples are representative of indoor air concentrations during a worker shift.

[6] The voluntary sub-slab soil vapor samples had a 1-hour sampling duration because there are not changes to conditions in the sub-slab throughout the day, so the 1-hour sample is considered representative. Despite differing sample durations, the data from the two types of samples were considered to be comparable for the screening-level evaluations.

sub-slab and indoor air concentrations to help determine which compounds are potentially related to the environmental source and which are related to laundry facility operations[7].

Indoor air, ambient air, and sub-slab soil vapor samples were analyzed by Alpha Analytical for VOCs via USEPA Method TO-15. Analytical results are provided in the summary in Appendix N and Figure 5, which shows the sub-slab and indoor air data from the post remedial sampling event.. Figure 6 shows the groundwater analytical results for CVOCs at each well. Note that the results of VI sampling in the Phase 1 portion of the building are also included in the memo and separately discussed in the CCR for Phase 1 IRM.

As discussed in Appendix N and summarized in the table below, PCE and its daughter compounds (TCE, DCE, and VC) are the primary constituents of concern regarding vapor intrusion. PCE was detected in the indoor air in five of the six samples collected from the Phase 2 portion of the building at a maximum concentration of 1.96 ug/m^3 (IA4); which is significantly less than the applicable NYSDOH Air Guidance value of 30 ug/m^3 and the USEPA 2001 Building Assessment and Survey Evaluation (BASE) 90th percentile (P90) value of 15.9 ug/m^3. TCE was detected in one of the six samples collected from the Phase 2 portion of the building, at a concentration of 0.156 ug/m^3 (IA5), which is significantly less than the applicable NYSDOH Air Guidance value of 2 ug/m^3 and the USEPA 2001 BASE P90 value of 4.2 ug/m^3. Trans-1,2-DCE was detected in one indoor air sample in the Phase 2 portion of the building, at a concentration of 1.21 ug/m^3 (IA8). There is not currently an applicable NYSDOH Air Guidance value or USEPA 2001 BASE P90 value for trans-1,2-DCE. Cis-1,2-DCE and VC were not detected in the indoor air samples collected within the Phase 2 portion of the building. This evaluation of CVOCs in indoor air satisfies the scope of work included in the IRM Work Plan and helps to demonstrate the effectiveness of the VMS that was installed through IRM implementation during Phase 2 construction.

	DOH AA Guideline	AA1	IA1	IA2	IA3	IA4	IA5	IA6	IA7	IA8
PCE	30	0.136 U	6.7	1.51	1.8	1.96	1.46	1.59	1.25	0.136 U
TCE	2	0.107 U	0.107 U	0.107 U	0.107 U	0.107 U	0.156	0.107 U	0.107 U	0.107 U
Cis-1,2-DCE	N/A	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U
Trans-1,2-DCE	N/A	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	1.21
VC	N/A	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U

Notes: Results are reported in uh/m^3
DOH AA Guideline is the NYSDOH Ambient [Indoor] Air Guidance value, as published on their "Soil Vapor Intrusion Guidance and Updates" webpage.
Samples were collected on January 17 and 18, 2024. Samples with "IA" identifiers are indoor air samples. The "AA" identifier is associated with an outdoor (ambient) air sample.
Results for site-related CVOCs are summarized above. Other VOCs were detected in certain samples. Refer to the VI data tables in Appendix H for all indoor and ambient air results.

While typically not part of post-startup performance testing, UniFirst also elected to collect sub-slab soil vapor data from a subset of the air monitoring locations in January 2024, as noted above, to provide additional evidence to indicate that the VMS is effective. As discussed in Appendix N, the presence of

[7] As discussed in Appendix N, UniFirst launders textiles from numerous commercial and industrial facilities. Many of these textiles are likely soiled with substances that can elevate indoor air chemical levels.

most of the compounds detected above background in indoor air is likely attributable to chemicals stored or used in laundry operations, chemicals being brought on site in the soiled textiles for laundering (e.g. benzene, toluene, chloroform, ethylated and methylated benzenes and toluenes) and/or result from the recent construction (e.g. tetrahydrofuran and MEK found in PVC glue) rather than volatilization from COCs present below the building. With respect to chemicals that were present in the subsurface, maximum concentrations of these compounds in indoor air were orders of magnitude below the maximum soil vapor concentrations, serving as an additional line of evidence that the VMS is effective in controlling the potential intrusion pathway.

The active SSDS will remain operational to provide continued mitigation. Annual inspections of the SSDS commenced in December 2024 and include visual inspections of the system, confirmation of negative pressure readings, and verification that no air intakes have been installed near the discharge points for the system. The 2024 and 2025 Annual Inspection Reports are included as attachments to Appendix N. Details of system operation, monitoring, and maintenance are described in the Interim Site Management Plan, submitted separately to the NYSDEC.

3.2.3. Management of Excess Soil and Dewatering Fluids

Phase 2 construction also required the removal of soil and dewatering operations associated with foundations and site features, resulting in the need for management of excess soil and dewatering fluids containing CVOCs. Several excavations related to footings, grade beams, loading dock grade modifications and utilities were conducted in areas that were known or suspected to be impacted to some degree by CVOCs. The excess soils generated during the construction work could not be reused on site and therefore required off-site management. Though the IRMWP scope included management of soil above applicable SCOs and the excess material generated during construction did not exceed those criteria, UniFirst did manage the excess soil and associated dewatering fluid consistent with NYSDEC guidance, as described in this subsection.

As discussed in Section 2.3, GEI developed an EWP (Appendix A) to guide the proper staging, transportation and disposal of excess soil and dewatering fluid generated during construction. The EWP describes appropriate methods for stockpiling, monitoring, transportation, and disposal of soil. Soil management and dust monitoring was conducted in accordance with the EWP for all construction-related soil removal within the Site limits.

A total of 4,453 tons of excess soil and concrete, and several tanks of dewatering fluid generated during Phase 2 construction-related excavations was managed appropriately and transported offsite for proper disposal, as further discussed below. Waste tracking information is included in Table 2 and documentation is in Appendix J.

3.2.3.1. Non-Hazardous Excess Soil Disposal

Except for a small volume of soil from the excavation of one footing, the excess soils were managed as non-hazardous waste with NYSDEC contained-in determinations (Appendix D). Five contained-in requests were submitted to NYSDEC for disposal of excess soil and concrete generated by the Contractor.

The first request letter was submitted on June 21, 2022, prior to the Contractor beginning the site work, for the extent of soil that was expected to be removed during Phase 2 construction, based on prior analytical results. This included approximately 4,800 tons of soil containing PCE, TCE, and cis-1,2-DCE with concentrations less than the applicable NYSDEC "contained in" soil action levels and Land Disposal Restrictions. The NYSDEC accepted this contained-in request in a letter dated July 19, 2022, and approved disposal of the soil as non-hazardous waste.

A second contained-in request was submitted on August 10, 2022, for the management of the concrete floor slab that was removed during demolition of the pre-existing facility building (approximately 800 tons of concrete). As discussed in the contained-in request, the concrete was sampled, and the analytical results found concentrations to be below the applicable NYSDEC contained-in soil action levels. On October 14, 2022, NYSDEC sent an approval letter, confirming that the concrete could be disposed as non-hazardous waste.

On October 3, 2022, the third contained-in request was submitted to NYSDEC for approximately 400 cubic yards of additional excess soil from an excavation near the southern corner of the building, which is a location that was not anticipated in the original June 21, 2022, contained-in request. Similar to the concrete, the excess soil was sampled and found to be below applicable NYSDEC contained-in soil action levels, as described in the request letter. The request was approved by NYSDEC on October 14, 2022.

An additional 30 cubic yards of soil was excavated to install a sewer main between the front of the Site building and Old 7th North Street, which was also not anticipated in prior contained-in requests. Similar to the other excess soils, this material was sampled, and concentrations were below their current NYSDEC contained-in soil action levels. The fourth contained-in request letter was submitted to NYSDEC on December 4, 2022, for this additional soil and NYSDEC approved the contained-in request in a letter dated December 13, 2022.

Finally, an additional approximately 2,500 cubic yards of excess shallow soils were removed for pavement subgrade, retention pond and drainage piping. These areas are located on the Property, but largely outside of the defined Site boundaries, and also had not been included in prior contained-in requests. Like the prior requests, samples were collected and analyzed to support this contained-in request and concentrations were less than their current NYSDEC contained-in soil action levels. This is further described in the fifth contained-in request letter, which was submitted on May 16, 2023, and NYSDEC approved the request in a letter dated May 18, 2023.

During Phase 2 Construction, a total of 3,215 tons of non-hazardous soil and concrete were stockpiled and then transported for disposal at Seneca Meadows in Waterloo, New York under the NYSDEC contained-in approvals dated July 19, 2022, October 14, 2022, and December 13, 2022. The approximate 800 tons of concrete (contained-in approval dated October 14, 2022) was combined with the soil and transported for disposal at Seneca Meadows. Finally, the approximately 1,165 tons of shallow material excavated from the southern portion of the property under contained-in approval dated May 18, 2023, was disposed at the Camillus Landfill.

3.2.3.2. Hazardous Excess Soil Disposal

Soil that was removed for installation of a footing in the northeast corner of the Phase 2 footprint was found to contain PCE with a concentration greater than the NYSDEC "contained in" action level of 12 mg/kg based on the analytical result for sample B204, but still below the applicable Industrial SCO (81 mg/kg). Additional samples (5W, 5S, 5N, 5E, and 10E) were collected to delineate PCE concentrations in that area, and the excess soil from within those limits was segregated into a separate stockpile and disposed as F002 (spent solvent) hazardous waste. The area where this soil originated is depicted in Figure 2. A total of 65,520 kilograms (72.22 tons) of hazardous soil was removed from the Site and disposed at Englobe Montreal-East Soil Treatment facility. Disposal documentation is in Appendix J and is summarized in Table 2.

3.2.3.3. Dewatering Fluid Disposal

The footing and grade beam excavations extended below the water table and needed to be dewatered to allow for foundation construction. The resulting water was stored, transported, and properly treated or disposed. The first two fractionation (frac) tanks of water that were generated during foundation construction were transported to Norlite, LLC in Cohoes, New York in August 2022. Water from these two tanks was not sampled, but both were transported and treated as hazardous waste as a conservative measure. Certificates of Destruction were provided by Tradebe Environmental Services, LLC. Several additional tanks of dewatering fluid were characterized tank-by-tank and transported by Sun Environmental as non-hazardous waste to the Onondaga County wastewater treatment facility or American Recyclers Company. Relevant disposal documentation available to GEI is included in Table 2 and Appendix J.

The wastewater vault beneath the new Phase 1 section of the building, which is the apparent source of the PCE in the subsurface at the Site, was pumped out and closed during the Phase 2 construction. Approximately 10 tons of sludge was removed from the wastewater vault and transported in a tanker truck to Chaffee Landfill in Chaffee, New York as non-hazardous waste.

The Bill of Lading is included in Appendix J. Closure of the wastewater pit is discussed further in Section 3.4.

3.2.3.4. Imported Materials

Clean material that was imported to the Site included gravel and topsoil. Gravel was used as the sub-base beneath the building, and topsoil was used in landscaped areas. Requests to Import Fill or Soil and NYSDEC approval of these requests are included in Appendix D. Documentation of transportation of imported materials to the Site was not available to GEI for inclusion in this CCR.

3.3. Deviations from the IRM Work Plan

Certain minor deviations from the Phase 2 IRM Work Plan occurred during implementation. These deviations and rationale are summarized below.

The PVC risers inside the building were not insulated as described in the IRM Work Plan for Phase 2. However, condensation has not been observed on the pipes during any Site visits, which have been conducted during multiple seasons.

Construction of the rooftop discharge stacks differs from the configuration proposed in the VMS Design Documents that were attached to the IRM Work Plan. The actual construction of the rooftop stacks positions the axial fan approximately 3 feet above the roof and approximately 3 more feet of stack above the fan. Guy wires are attached to the stack above the axial fan. The original design positioned the axial fan at the top of the stack with guy wires below. The modified design maximizes stability of the entire discharge stack and does not affect VMS performance. The as-constructed condition of the stacks is visible in photos 33 and 35 in the Photo Log (Appendix G). As described in Section 3.2.2.2, the guy wires on discharge stack S5 were replaced with a support bracket in June 2025 after the stack sustained damage, presumably in late 2024.

The initial post-startup pressure testing of the sub-slab monitoring points, conducted in January 2024, included measuring three of the five sub-slab monitoring points in the Phase II portion of the facility. The other two monitoring points were not accessible during this mobilization. Pressure readings from the three measured points confirmed effective depressurization in the sub-slab. Repairs were subsequently made to the other two ports and full rounds of pressure testing were completed in March 2025, June 2025, and December 2025-January 2026.

During the ZVI/EZVI injections, a limited amount of injection fluid was observed expressing at the ground surface (a/k/a “daylighting”). The injection fluid soaked into the ground near the injection points, and none was observed migrating beyond the immediate injection area.

An unknown portion of the injection fluid, which was intended to remain in the subsurface to facilitate CVOC degradation, was removed during subsequent dewatering of footing excavations once Phase 2 building construction resumed. The contractor had not indicated the need for dewatering during footing installation, so this issue was not considered when the remedial injection program was designed. The contractor began excavations for building footings in July 2022; the water was containerized and disposed as discussed in Section 3.2.3.3 above. It is not known how much injection fluid (as opposed to groundwater or stormwater accumulation), or treatment reagents was removed during this process or how it will impact the source remediation.

As noted above, the post-injection monitoring plan was altered from the original plan to conduct sampling events at 6, 9-, and 12-months post-injection because the intended locations for the planned monitoring wells were inaccessible for an extended period of time due to facility construction. The three events were instead performed at 8, 13, and 18 months post-injection.

In addition to the planned work scope described in the Phase 2 IRM Work Plan, the suspected source area was also addressed during Phase 2 of construction when the former underground wastewater pit was closed.[8] The former underground wastewater pit, consisting of a concrete structure that extended

[8] It was reported in the IRMWP for Phase 2 that the underground wastewater pit had been filled with concrete in 2021. This was later found to be inaccurate. Concrete was poured to build a new underground wastewater pit in 2021, but the old pit remained in use until 2022.

from the surface to approximately 8 feet below grade, was suspected of leaking and had been in use during the time in which the facility did dry cleaning. After UniFirst ceased dry cleaning operations in 1987, the wastewater pit continued to be used for non-dry-cleaning-related wastewater until a new wastewater pit with an impermeable liner was installed during Phase 1 construction.

In August 2023, the remaining sludge in the wastewater pit was pumped out and transported to Chaffee Landfill in Chaffee, New York as non-hazardous waste (Appendix J) then the pit was backfilled with flowable fill and the area was covered with the vapor barrier before pouring the concrete floor. The closure of the former wastewater pit is considered additional source area remediation because leaks from the pit will no longer influence the existing plume.

There were no other significant deviations from the IRM Work Plan for Phase 2.

3.4. Contamination Remaining at the Site

Impacted soils and groundwater are located primarily beneath the southern half of the former UniFirst laundry facility building (i.e., beneath the southern half of the Phase 2 portion of the new facility). Investigation results suggest that the former wastewater collection pit on the southwest exterior of the laundry building (decommissioned during Phase 2, as discussed in Section 3.4) was a suspected source of soil and groundwater impacts related to historical dry-cleaning operations. Site conditions, to the extent currently known, are described in prior submittals to the NYSDEC and will be further discussed in the future RIR.

This IRM included remedial injections to aid in the degradation of CVOCs present in groundwater and installation of a VMS to prevent potential vapor intrusion into the new facility building.

The VMS component of this IRM does not change the nature or extent of impacted media present at the Site.

With respect to the remedial injections, while the remedial injection program was conducted to facilitate accelerated in-situ dechlorination of CVOCs in groundwater, PCE and its daughter products currently remain in Site groundwater at concentrations above the NYSDEC ambient water quality standards. Concentrations of PCE decreasing in most monitoring wells since the May to June 2022 injections and daughter compounds increased in some wells as measured during the post-injection monitoring program, indicating that PCE is degrading. Detailed information on groundwater conditions within monitoring wells included in the post-injection monitoring plan are discussed in Section 3.2.1.4.

To continue to monitor post-injection conditions, GEI performs quarterly groundwater monitoring as part of an Interim Site Management Plan, submitted to NYSDEC under separate cover. Under this Interim Site Management Plan, monitoring wells MW1R, MW2R, MW3S, MW3I, MW4S, and MW4I continue to be sampled quarterly and analyzed for VOCs and MNA parameters to evaluate the attenuation of PCE downgradient of the source area. Quarterly samples from additional monitoring wells are analyzed for VOCs to monitor the side-gradient and downgradient plume behavior. These results are reported in quarterly groundwater monitoring reports submitted to the NYSDEC.

4. References

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Tables

Table 1 Groundwater Sampling Results

Table 2 Waste Disposal Summary

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

				Pre-Injection		Post-Injection						Pre-Injection		Post-Injection							
			Sample Name	MW1		MW1_G		MW1		MW1R		MW2		MW2_G		MW2		MW2R			
			Sample Date	2/28/2022		2/7/2023		7/6/2023		11/30/2023		2/28/2022		2/7/2023		7/6/2023		12/1/2023			
			Parent Sample																		
Analyte	**Units**	**CAS No.**	**NYS AWQS**																		
Base/Neutral Compounds	ug/L																				
Acenaphthene		83-32-9	20*	0.1	U	NA		NA		0.1	U	0.1	U	NA		NA		0.1	U		
Acenaphthylene		208-96-8	NE	**0.02**	**J**	NA		NA		0.1	U	0.1	U	NA		NA		0.1	U		
Acetophenone		98-86-2	NE	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Anthracene		120-12-7	50*	**0.03**	**J**	NA		NA		**0.02**	**J**	0.1	U	NA		NA		**0.02**	**J**		
Atrazine		1912-24-9	7.5	10	U	NA		NA		10	U	10	U	NA		NA		10	U		
Benzaldehyde		100-52-7	NE	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Benzo(a)anthracene		56-55-3	0.002*	**0.03**	**J**	NA		NA		0.1	U	0.1	U	NA		NA		0.1	U		
Benzo(b)fluoranthene		205-99-2	0.002*	**0.02**	**J**	NA		NA		0.1	U	0.1	U	NA		NA		**0.02**	**J**		
Benzo(k)fluoranthene		207-08-9	0.002*	0.1	U	NA		NA		0.1	U	0.1	U	NA		NA		**0.01**	**J**		
Benzo(g,h,i)perylene		191-24-2	NE	0.1	U	NA		NA		0.1	U	0.1	U	NA		NA		**0.07**	**J**		
Benzo(a)pyrene		50-32-8	ND	**0.02**	**J**	NA		NA		0.1	U	0.1	U	NA		NA		0.1	U		
Biphenyl (1,1-Biphenyl)		92-52-4	5	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
Bis(2-chloroethoxy)methane		111-91-1	5	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Bis(2-chloroethyl)ether		111-44-4	1	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
2,2-oxybis(1-Chloropropane)		108-60-1	5	2	UJ	NA		NA		2	U	2	UJ	NA		NA		2	U		
Bis(2-ethylhexyl)phthalate		117-81-7	5	3	U	NA		NA		3	U	3	U	NA		NA		3	U		
4-Bromophenyl phenyl ether		101-55-3	NE	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
Butyl benzyl phthalate		85-68-7	50*	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Caprolactam		105-60-2	NE	10	U	NA		NA		10	U	10	U	NA		NA		10	U		
Carbazole		86-74-8	NE	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
4-Chloro-3-methylphenol		59-50-7	NE	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
4-Chloroaniline		106-47-8	5	5	UJ	NA		NA		5	U	5	U	NA		NA		5	U		
2-Chloronaphthalene		91-58-7	10*	0.2	U	NA		NA		0.2	U	0.2	U	NA		NA		0.2	U		
2-Chlorophenol		95-57-8	NE	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
4-Chlorophenyl phenyl ether		7005-72-3	NE	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
Chrysene		218-01-9	0.002*	0.1	U	NA		NA		0.1	U	0.1	U	NA		NA		0.1	U		
Dibenz(a,h)anthracene		53-70-3	NE	0.1	U	NA		NA		0.1	U	0.1	U	NA		NA		**0.06**	**J**		
Dibenzofuran		132-64-9	NE	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
3,3-Dichlorobenzidine		91-94-1	5	5	UJ	NA		NA		5	U	5	U	NA		NA		5	U		
2,4-Dichlorophenol		120-83-2	5	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Diethyl phthalate		84-66-2	50*	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Dimethyl phthalate		131-11-3	50*	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
2,4-Dimethylphenol		105-67-9	50*	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Di-n-butyl phthalate		84-74-2	50	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
4,6-Dinitro-2-methylphenol		534-52-1	NE	10	UJ	NA		NA		10	U	10	UJ	NA		NA		10	U		
2,4-Dinitrophenol		51-28-5	10*	20	U	NA		NA		20	U	20	U	NA		NA		20	U		
2,4-Dinitrotoluene		121-14-2	5	5	UJ	NA		NA		5	U	5	UJ	NA		NA		5	U		
2,6-Dinitrotoluene		606-20-2	5	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Di-n-octyl phthalate		117-84-0	50*	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Fluoranthene		206-44-0	50*	**0.02**	**J**	NA		NA		**0.03**	**J**	0.1	U	NA		NA		0.1	U		
Fluorene		86-73-7	50*	**0.03**	**J**	NA		NA		**0.02**	**J**	0.1	U	NA		NA		0.1	U		
Hexachlorobenzene		118-74-1	0.04	0.8	U	NA		NA		0.8	U	0.8	U	NA		NA		0.8	U		
1,3-Hexachlorobutadiene (C-46)		87-68-3	0.5	0.5	U	NA		NA		0.5	U	0.5	U	NA		NA		0.5	U		
Hexachlorocyclopentadiene		77-47-4	5	20	U	NA		NA		20	U	20	U	NA		NA		20	U		
Hexachloroethane		67-72-1	5	0.8	U	NA		NA		0.8	U	0.8	U	NA		NA		0.8	U		
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	**0.02**	**J**	NA		NA		0.1	U	0.1	U	NA		NA		**0.06**	**J**		
Isophorone		78-59-1	50*	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
2-Methylnaphthalene		91-57-6	NE	**0.08**	**J**	NA		NA		**0.36**		0.1	U	NA		NA		0.1	U		
2-Methylphenol (o-Cresol)		95-48-7	1	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
3,4-Methylphenol (m,p-Cresol)		108394/106445	NE	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Naphthalene		91-20-3	10*	**0.51**		NA		NA		**1.4**		**0.07**	**J**	NA		NA		**0.12**			
2-Nitroaniline		88-74-4	5	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
3-Nitroaniline		99-09-2	5	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
4-Nitroaniline		100-01-6	5	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Nitrobenzene		98-95-3	0.4	2	UJ	NA		NA		2	U	2	UJ	NA		NA		2	U		
2-Nitrophenol		88-75-5	NE	10	UJ	NA		NA		10	U	10	UJ	NA		NA		10	U		
4-Nitrophenol		100-02-7	NE	10	U	NA		NA		10	UJ	10	U	NA		NA		10	U		
N-Nitrosodiphenylamine (NDFA)		86-30-6	50*	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Pentachlorophenol		87-86-5	1	0.8	U	NA		NA		0.8	U	0.8	U	NA		NA		0.8	U		
Phenanthrene		85-01-8	50*	**0.05**	**J**	NA		NA		0.1	U	**0.05**	**J**	NA		NA		0.1	U		
Phenol		108-95-2	1	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Pyrene		129-00-0	50*	**0.02**	**J**	NA		NA		**0.02**	**J**	**0.02**	**J**	NA		NA		0.1	U		
1,2,4,5-Tetrachlorobenzene		95-94-3	5	10	U	NA		NA		10	U	10	U	NA		NA		10	U		
2,3,4,6-Tetrachlorophenol		58-90-2	NE	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
2,4,5-Trichlorophenol		95-95-4	NE	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
2,4,6-Trichlorophenol		88-06-2	NE	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Cyanides	ug/L																				
Total Cyanide		57-12-5	200	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Dissolved Gases	ug/L																				
Ethane		74-84-0	NE	NA		**4.38**		**3.69**		**0.89**		NA		**1.17**		**0.555**		0.5	U		
Ethene		74-85-1	NE	NA		0.5	U	**3.82**		**4.05**		NA		0.5	U	**0.67**		0.5	U		
Methane		74-82-8	NE	NA		**76.5**		**182**		**203**		NA		**30.2**		**72.3**		**51.6**			
General Chemistry	millivolts																				
Oxidation Reduction Potential		--	NE	101		NA		-65		-103.9		-81		NA		-77		-51.3			
pH	s.u.	--	NE	7.49				7.2		7.43		10.91		NA		7.25		7.19			
Sulfate	ug/L	14808-79-8	250000	NA		**129,000**		**140,000**		**99,000**		NA		**42,300**		**28,000**		**20,000**			
Total Organic Carbon	ug/L	--	NE	NA		NA		NA		NA		NA		NA		NA		NA			
Volatile Fatty Acids	mg/L																				
Butyric Acid		107-92-6	NE	NA		4	U	0.5	U	0.5	U	NA		2	U	0.5	U	5	U		
i-Hexanoic Acid		646-07-1	NE	NA		4	U	0.5	U	0.5	U	NA		2	U	0.5	U	5	U		
i-Pentanoic Acid		503-74-2	NE	NA		4	U	0.5	U	0.5	U	NA		2	U	0.5	U	5	U		
Lactic Acid		50-21-5	NE	NA		**3.9**	**J**	**3.1**		**3**		NA		**4.9**	**J**	**0.72**		5	U		
Pyruvic Acid		127-17-3	NE	NA		4	U	0.5	U	0.5	U	NA		2	U	0.5	U	5	U		
Acetic Acid		64-19-7	NE	NA		**6.7**	**J**	0.5	U	0.5	U	NA		**8.3**		0.5	U	5	U		
Formic acid		64-18-6	NE	NA		**96**		0.5	U	0.5	U	NA		**52**		0.5	U	5	U		
Pentanoic acid		109-52-4	NE	NA		4	U	0.5	U	0.5	U	NA		2	U	0.5	U	5	U		
Propionic Acid		79-09-4	NE	NA		4	U	0.5	U	0.5	U	NA		**0.85**	**J**	0.5	U	5	U		
Hexanoic acid		142-62-1	NE	NA		**1.7**	**J**	0.5	U	0.5	U	NA		**2.3**	**J**	0.5	U	5	U		
Herbicides	ug/L																				
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	50	10	U	NA		NA		10	U	10	U	NA		NA		10	U		
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	35	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
2,4,5-TP (Silvex)		93-72-1	0.26	2	U	NA		NA		2	U	2	U	NA		NA		2	U		
Metals	ug/L																				
Aluminum		7429-90-5	NE	**168**		NA		NA		10	U	**576**		NA		NA		10	U		
Antimony		7440-36-0	3	4	U	NA		NA		4	U	**0.46**	**J**	NA		NA		4	U		
Arsenic		7440-38-2	25	0.5	U	NA		NA		**3.63**		**16.02**		NA		NA		**3.25**			
Barium		7440-39-3	1000	**67.92**		NA		NA		**20.03**		**25.92**		NA		NA		**159.6**			
Beryllium		7440-41-7	3*	0.5	U	NA		NA		0.5	U	0.5	U	NA		NA		0.5	U		
Cadmium		7440-43-9	5	0.2	U	NA		NA		0.2	U	**0.11**	**J**	NA		NA		0.2	U		
Calcium		7440-70-2	NE	**127,000**		NA		NA		**45,800**		**13,500**		NA		NA		**101,000**			
Chromium		7440-47-3	50	**0.25**	**J**	NA		NA		1	U	**1.65**		NA		NA		1	U		
Cobalt		7440-48-4	NE	**0.18**	**J**	NA		NA		**0.17**	**J**	**0.35**	**J**	NA		NA		**0.88**			
Copper		7440-50-8	200	**0.56**	**J**	NA		NA		1	U	**36.49**		NA		NA		**1.26**			
Iron (Dissolved)		7439-89-6	300	NA		**21.1**	**J**	**294**	**J**	**418**				50	U	**842**	**J**	**106**			
Iron		7439-89-6	300	**96.5**		**70,900**		**44,600**		**465**		**1,090**		**130,000**		**1,090**		50	U		
Lead		7439-92-1	25	1	U	NA		NA		1	U	**10.12**		NA		NA		**0.42**	**J**		
Magnesium		7439-95-4	35000*	**17,400**		NA		NA		**5,720**		**3,850**		NA		NA		**29,700**			
Manganese		7439-96-5	300	**146.2**		NA		NA		**609.9**		**27.82**		NA		NA		**969.1**			
Mercury		7439-97-6	0.7	**0.12**	**J**	NA		NA		0.2	U	**0.13**	**J**	NA		NA		0.2	U		
Nickel		7440-02-0	100	**0.88**	**J**	NA		NA		2	U	**1.43**	**J**	NA		NA		**2.69**			
Potassium		7440-09-7	NE	**1,490**		NA		NA		100	U	**12,600**		NA		NA		**2,120**			
Selenium		7782-49-2	10	5	U	NA		NA		5	U	5	U	NA		NA		5	U		
Silver		7440-22-4	50	0.4	U	NA		NA		0.4	U	0.4	U	NA		NA		0.4	U		
Sodium		7440-23-5	20000	**344,000**		NA		NA		**118,000**		**256,000**		NA		NA		**174,000**			
Thallium		7440-28-0	0.5*	1	U	NA		NA		1	U	1	U	NA		NA		1	U		
Vanadium		7440-62-2	NE	5	U	NA		NA		5	U	**4.69**	**J**	NA		NA		5	U		
Zinc		7440-66-6	2000*	**17.29**		NA		NA		10	U	**37.72**		NA		NA		10	U		

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

				Pre-Injection		Post-Injection						Pre-Injection		Post-Injection					
			Sample Name	MW1		MW1_G		MW1		MW1R		MW2		MW2_G		MW2		MW2R	
			Sample Date	2/28/2022		2/7/2023		7/6/2023		11/30/2023		2/28/2022		2/7/2023		7/6/2023		12/1/2023	
			Parent Sample																
Analyte	**Units**	**CAS No.**	**NYS AWQS**																
Pesticides	ug/L																		
Aldrin		309-00-2	ND	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.01	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.04	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.05	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
Chlordane (Technical)		12789-03-6	NE	0.143	U	NA		NA		0.143	U	0.143	U	NA		NA		0.143	U
alpha-Chlordane		5103-71-9	NE	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
gamma-Chlordane		5103-74-2	NE	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
4,4'-DDT (p,p'-DDT)		50-29-3	0.2	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
4,4'-DDE (p,p'-DDE)		72-55-9	0.2	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
4,4'-DDD (p,p-DDD)		72-54-8	0.3	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
Dieldrin		60-57-1	0.004	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
alpha-Endosulfan (I)		959-98-8	NE	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
beta-Endosulfan (II)		33213-65-9	NE	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
Endosulfan sulfate		1031-07-8	NE	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
Endrin		72-20-8	ND	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
Endrin aldehyde		7421-93-4	5	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
Endrin ketone		53494-70-5	5	0.029	U	NA		NA		0.029	U	0.029	U	NA		NA		0.029	U
Heptachlor		76-44-8	0.04	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
Heptachlor epoxide		1024-57-3	0.03	0.014	U	NA		NA		0.014	U	0.014	U	NA		NA		0.014	U
Methoxychlor		72-43-5	35	0.143	U	NA		NA		0.143	U	0.143	U	NA		NA		0.143	U
Toxaphene		8001-35-2	0.06	0.143	U	NA		NA		0.143	U	0.143	U	NA		NA		0.143	U
PFAS	ng/L																		
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)		2991-50-6	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)		2355-31-9	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
Perfluorobutanesulfonic acid (PFBS)		375-73-5	NE	**7.01**		NA		NA		**1.17**	**J**	**0.646**	**J**	NA		NA		**1.14**	**J**
Perfluorobutanoic acid (PFBA)		375-22-4	NE	**15.8**		NA		NA		**10.7**		1.84	U	NA		NA		**4.26**	
Perfluorodecanesulfonic acid (PFDS)		335-77-3	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
Perfluorodecanoic acid (PFDA)		335-76-2	NE	1.71	U	NA		NA		1.88	U	**0.41**	**J**	NA		NA		1.88	U
Perfluorododecanoic acid (PFDoA)		307-55-1	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
Perfluoroheptanesulfonic acid (PFHpS)		375-92-8	NE	**1.72**		NA		NA		**0.773**	**J**	1.84	U	NA		NA		1.88	U
Perfluoroheptanoic acid (PFHpA)		375-85-9	NE	**18.8**		NA		NA		**3.34**		**0.933**	**J**	NA		NA		**3.03**	
Perfluorohexanoic acid (PFHxA)		307-24-4	NE	**21.4**	**J**	NA		NA		**10.2**		**2.26**		NA		NA		**4.66**	
Perfluorooctanesulfonamide (FOSA)		754-91-6	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
Perfluoropentanoic Acid (PFPeA)		2706-90-3	NE	**44.6**	**J**	NA		NA		**12.5**		**2.25**		NA		NA		**6.14**	
Perfluorotetradecanoic acid (PFTA/PFTeDA)		376-06-7	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
Perfluorotridecanoic acid (PFTriA/PFTrDA)		72629-94-8	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
Perfluoroundecanoic acid (PFUnA)		2058-94-8	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
PFOA/PFOS, Total		--	NE	**92.5**		NA		NA		**28.7**		**3.1**	**J**	NA		NA		**30.9**	
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)		39108-34-4	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		1.88	U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)		27619-97-2	NE	1.71	U	NA		NA		1.88	U	1.84	U	NA		NA		**1.25**	**J**
Perfluorohexanesulfonic acid (PFHxS)		355-46-4	NE	**12.6**		NA		NA		**1.29**	**J**	1.84	U	NA		NA		**2.8**	
Perfluorononanoic Acid (PFNA)		375-95-1	NE	**2.16**		NA		NA		**2.52**		**0.376**	**J**	NA		NA		**1.08**	**J**
Perfluorooctanesulfonic acid (PFOS)		1763-23-1	NE	**61.8**	**J**	NA		NA		**22.4**		**2.21**	**J**	NA		NA		**17.9**	
Perfluorooctanoic Acid (PFOA)		335-67-1	NE	**30.7**	**J**	NA		NA		**6.32**		**0.886**	**J**	NA		NA		**13**	
Polychlorinated Biphenyls (PCBs)	ug/L																		
Aroclor 1016		12674-11-2	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Aroclor 1221		11104-28-2	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Aroclor 1232		11141-16-5	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Aroclor 1242		53469-21-9	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Aroclor 1248		12672-29-6	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Aroclor 1254		11097-69-1	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Aroclor 1260		11096-82-5	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Aroclor 1262		37324-23-5	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Aroclor 1268		11100-14-4	NE	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Total PCBs (Lab calculated)		1336-36-3	0.09	NA		NA		NA		0.071	U	NA		NA		NA		0.071	U
Volatile Organic Compounds	ug/L																		
Acetone		67-64-1	50*	5	U	5	U	5	U	5	U	**6.8**		**16**	**J**	**7.8**		5	U
Benzene		71-43-2	1	0.5	U	**0.18**	**J**	0.5	U	**0.62**		0.5	U	2.5	U	0.5	U	0.5	U
Bromochloromethane		74-97-5	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Bromodichloromethane		75-27-4	50*	0.5	U	0.5	U	0.5	U	0.5	U	**0.57**		2.5	U	0.5	U	0.5	U
Bromoform		75-25-2	50*	2	U	2	U	2	UJ	2	U	2	U	10	U	2	U	2	U
Bromomethane		74-83-9	5	2.5	U	2.5	UJ	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Carbon disulfide		75-15-0	60*	5	U	5	UJ	5	U	5	U	5	U	25	U	5	U	5	U
Carbon tetrachloride		56-23-5	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U
Chlorobenzene		108-90-7	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Chloroethane		75-00-3	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Chloroform (Trichloromethane)		67-66-3	7	2.5	U	2.5	U	2.5	U	2.5	U	**4.3**		12	U	2.5	U	2.5	U
Chloromethane		74-87-3	5	2.5	U	2.5	U	2.5	U	2.5	UJ	2.5	U	12	U	2.5	U	2.5	UJ
Cyclohexane		110-82-7	NE	10	U	10	U	10	U	10	U	10	U	50	U	10	U	10	U
1,2-Dibromo-3-chloropropane		96-12-8	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Dibromochloromethane		124-48-1	50*	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U
1,2-Dibromoethane (EDB)		106-93-4	0.0006	2	U	2	U	2	U	2	U	2	U	10	U	2	U	2	U
1,2-Dichlorobenzene (o-DCB)		95-50-1	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,3-Dichlorobenzene (m-DCB)		541-73-1	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,4-Dichlorobenzene (p-DCB)		106-46-7	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Dichlorodifluoromethane (Freon 12)		75-71-8	5	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
1,1-Dichloroethane		75-34-3	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,2-Dichloroethane		107-06-2	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U
1,1-Dichloroethene		75-35-4	5	0.5	U	0.5	U	**0.18**	**J**	0.5	U	0.5	U	2.5	U	**0.27**	**J**	**0.18**	**J**
cis-1,2-Dichloroethene		156-59-2	5	**24**	**J**	**37**		**130**		**14**		2.5	U	**130**		**38**		**51**	
trans-1,2-Dichloroethene		156-60-5	5	2.5	U	2.5	U	**0.71**	**J**	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,2-Dichloropropane		78-87-5	1	1	U	1	U	1	U	1	U	1	U	5	U	1	U	1	U
cis-1,3-Dichloropropene		10061-01-5	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene		10061-02-6	0.4	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U
1,4-Dioxane		123-91-1	NE	250	U	250	U	250	U	250	U	250	U	1,200	U	250	U	250	U
Ethylbenzene		100-41-4	5	2.5	U	2.5	U	2.5	U	**15**		2.5	U	12	U	2.5	U	2.5	U
2-Hexanone		591-78-6	50*	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
Isopropylbenzene		98-82-8	5	2.5	U	2.5	U	2.5	U	**3.2**		2.5	U	12	U	2.5	U	2.5	U
Methyl acetate		79-20-9	NE	2	U	2	U	2	U	2	UJ	2	U	10	U	2	U	2	UJ
Methyl ethyl ketone (2-Butanone)		78-93-3	50*	5	U	5	U	5	U	5	U	5	U	25	U	5	U	5	U
Methyl tert-butyl ether (MTBE)		1634-04-4	10*	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	5	U	5	U	5	U	5	UJ	5	U	25	U	5	U	5	UJ
Methylcyclohexane		108-87-2	NE	10	U	10	U	**0.41**	**J**	**0.57**	**J**	10	U	50	U	10	U	10	U
Methylene chloride		75-09-2	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Styrene		100-42-5	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane		79-34-5	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U
Tetrachloroethene (PCE)		127-18-4	5	**25**		**52**		**91**		0.5	U	**0.43**	**J**	**470**		**150**	**J**	**42**	
Tetrahydrofuran		109-99-9	50*	NA		NA		NA		5	U	NA		NA		NA		5	U
Toluene		108-88-3	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**530**		**9.8**		2.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene		87-61-6	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene		120-82-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,1,1-Trichloroethane (TCA)		71-55-6	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
1,1,2-Trichloroethane		79-00-5	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	7.5	U	1.5	U	1.5	U
Trichloroethene (TCE)		79-01-6	5	**4**	**J**	**8.7**		**27**		**0.29**	**J**	0.5	U	**120**		**18**		**17**	
Trichlorofluoromethane (Freon 11)		75-69-4	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Vinyl chloride		75-01-4	2	**2**		**2**		**54**		**14**		1	U	**1**	**J**	**0.79**	**J**	**1.2**	
o-Xylene		95-47-6	5	2.5	U	2.5	U	2.5	U	**0.92**	**J**	2.5	U	12	U	2.5	U	2.5	U
m/p-Xylene		179601-23-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U
Total VOCs		--	NE	**55**		**99.88**		**303.3**		**48.6**		**12.1**		**1,267**		**224.66**		**111.38**	

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

				Pre-Injection		Post-Injection						Post-Injection					
			Sample Name	TW6		MW3S_G		MW3S		MW3S		MW3I_G		MW3I		MW3I	
			Sample Date	2/27/2022		2/7/2023		7/6/2023		12/1/2023		2/8/2023		7/6/2023		11/30/2023	
			Parent Sample														
Analyte	**Units**	**CAS No.**	**NYS AWQS**														
Base/Neutral Compounds	ug/L																
Acenaphthene		83-32-9	20*	0.1	U	NA		NA		**0.1**	**J**	NA		NA		**0.02**	**J**
Acenaphthylene		208-96-8	NE	0.1	U	NA		NA		**0.02**	**J**	NA		NA		0.1	U
Acetophenone		98-86-2	NE	5	U	NA		NA		5	U	NA		NA		5	U
Anthracene		120-12-7	50*	0.1	U	NA		NA		**0.02**	**J**	NA		NA		0.1	U
Atrazine		1912-24-9	7.5	10	U	NA		NA		10	U	NA		NA		10	U
Benzaldehyde		100-52-7	NE	5	U	NA		NA		5	U	NA		NA		5	U
Benzo(a)anthracene		56-55-3	0.002*	0.1	U	NA		NA		0.1	U	NA		NA		0.1	U
Benzo(b)fluoranthene		205-99-2	0.002*	0.1	U	NA		NA		0.1	U	NA		NA		0.1	U
Benzo(k)fluoranthene		207-08-9	0.002*	0.1	U	NA		NA		0.1	U	NA		NA		0.1	U
Benzo(g,h,i)perylene		191-24-2	NE	0.1	U	NA		NA		0.1	U	NA		NA		0.1	U
Benzo(a)pyrene		50-32-8	ND	0.1	U	NA		NA		0.1	U	NA		NA		0.1	U
Biphenyl (1,1-Biphenyl)		92-52-4	5	2	U	NA		NA		2	U	NA		NA		2	U
Bis(2-chloroethoxy)methane		111-91-1	5	5	U	NA		NA		5	U	NA		NA		5	U
Bis(2-chloroethyl)ether		111-44-4	1	2	U	NA		NA		2	U	NA		NA		2	U
2,2-oxybis(1-Chloropropane)		108-60-1	5	2	U	NA		NA		2	U	NA		NA		2	U
Bis(2-ethylhexyl)phthalate		117-81-7	5	3	U	NA		NA		3	U	NA		NA		3	U
4-Bromophenyl phenyl ether		101-55-3	NE	2	U	NA		NA		2	U	NA		NA		2	U
Butyl benzyl phthalate		85-68-7	50*	5	U	NA		NA		5	U	NA		NA		5	U
Caprolactam		105-60-2	NE	10	U	NA		NA		10	U	NA		NA		10	U
Carbazole		86-74-8	NE	2	U	NA		NA		2	U	NA		NA		2	U
4-Chloro-3-methylphenol		59-50-7	NE	2	U	NA		NA		2	U	NA		NA		2	U
4-Chloroaniline		106-47-8	5	5	U	NA		NA		5	U	NA		NA		5	U
2-Chloronaphthalene		91-58-7	10*	0.2	U	NA		NA		0.2	U	NA		NA		0.2	U
2-Chlorophenol		95-57-8	NE	2	U	NA		NA		2	U	NA		NA		2	U
4-Chlorophenyl phenyl ether		7005-72-3	NE	2	U	NA		NA		2	U	NA		NA		2	U
Chrysene		218-01-9	0.002*	0.1	U	NA		NA		0.1	U	NA		NA		0.1	U
Dibenz(a,h)anthracene		53-70-3	NE	0.1	U	NA		NA		0.1	U	NA		NA		0.1	U
Dibenzofuran		132-64-9	NE	2	U	NA		NA		2	U	NA		NA		2	U
3,3-Dichlorobenzidine		91-94-1	5	5	U	NA		NA		5	U	NA		NA		5	U
2,4-Dichlorophenol		120-83-2	5	5	U	NA		NA		5	U	NA		NA		5	U
Diethyl phthalate		84-66-2	50*	5	U	NA		NA		5	U	NA		NA		5	U
Dimethyl phthalate		131-11-3	50*	5	U	NA		NA		5	U	NA		NA		5	U
2,4-Dimethylphenol		105-67-9	50*	5	U	NA		NA		5	U	NA		NA		5	U
Di-n-butyl phthalate		84-74-2	50	5	U	NA		NA		5	U	NA		NA		5	U
4,6-Dinitro-2-methylphenol		534-52-1	NE	10	U	NA		NA		10	U	NA		NA		10	U
2,4-Dinitrophenol		51-28-5	10*	20	U	NA		NA		20	U	NA		NA		20	U
2,4-Dinitrotoluene		121-14-2	5	5	U	NA		NA		5	U	NA		NA		5	U
2,6-Dinitrotoluene		606-20-2	5	5	U	NA		NA		5	U	NA		NA		5	U
Di-n-octyl phthalate		117-84-0	50*	5	U	NA		NA		5	U	NA		NA		5	U
Fluoranthene		206-44-0	50*	**0.02**	**J**	NA		NA		0.1	U	NA		NA		0.1	U
Fluorene		86-73-7	50*	0.1	U	NA		NA		**0.04**	**J**	NA		NA		**0.02**	**J**
Hexachlorobenzene		118-74-1	0.04	0.8	U	NA		NA		0.8	U	NA		NA		0.8	U
1,3-Hexachlorobutadiene (C-46)		87-68-3	0.5	0.5	U	NA		NA		0.5	U	NA		NA		0.5	U
Hexachlorocyclopentadiene		77-47-4	5	20	U	NA		NA		20	U	NA		NA		20	U
Hexachloroethane		67-72-1	5	0.8	UJ	NA		NA		0.8	U	NA		NA		0.8	U
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	0.1	U	NA		NA		0.1	U	NA		NA		0.1	U
Isophorone		78-59-1	50*	5	U	NA		NA		5	U	NA		NA		5	U
2-Methylnaphthalene		91-57-6	NE	0.1	U	NA		NA		**0.07**	**J**	NA		NA		**0.04**	**J**
2-Methylphenol (o-Cresol)		95-48-7	1	5	U	NA		NA		5	U	NA		NA		5	U
3,4-Methylphenol (m,p-Cresol)		108394/106445	NE	5	U	NA		NA		**150**		NA		NA		5	U
Naphthalene		91-20-3	10*	0.1	U	NA		NA		**48**		NA		NA		**0.05**	**J**
2-Nitroaniline		88-74-4	5	5	U	NA		NA		5	U	NA		NA		5	U
3-Nitroaniline		99-09-2	5	5	U	NA		NA		5	U	NA		NA		5	U
4-Nitroaniline		100-01-6	5	5	U	NA		NA		5	U	NA		NA		5	U
Nitrobenzene		98-95-3	0.4	2	U	NA		NA		2	U	NA		NA		2	U
2-Nitrophenol		88-75-5	NE	10	U	NA		NA		10	U	NA		NA		10	U
4-Nitrophenol		100-02-7	NE	10	U	NA		NA		10	U	NA		NA		10	UJ
N-Nitrosodiphenylamine (NDFA)		86-30-6	50*	2	U	NA		NA		2	U	NA		NA		2	U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	5	U	NA		NA		5	U	NA		NA		5	U
Pentachlorophenol		87-86-5	1	**1.7**		NA		NA		**0.23**	**J**	NA		NA		0.8	U
Phenanthrene		85-01-8	50*	0.1	U	NA		NA		**0.02**	**J**	NA		NA		0.1	U
Phenol		108-95-2	1	5	U	NA		NA		**22**		NA		NA		5	U
Pyrene		129-00-0	50*	**0.02**	**J**	NA		NA		0.1	U	NA		NA		0.1	U
1,2,4,5-Tetrachlorobenzene		95-94-3	5	10	U	NA		NA		10	U	NA		NA		10	U
2,3,4,6-Tetrachlorophenol		58-90-2	NE	5	U	NA		NA		5	U	NA		NA		5	U
2,4,5-Trichlorophenol		95-95-4	NE	5	U	NA		NA		5	U	NA		NA		5	U
2,4,6-Trichlorophenol		88-06-2	NE	5	U	NA		NA		5	U	NA		NA		5	U
Cyanides	ug/L																
Total Cyanide		57-12-5	200	5	U	NA		NA		5	U	NA		NA		5	U
Dissolved Gases	ug/L																
Ethane		74-84-0	NE	NA		**188**		**1,050**		**944**		**15.4**		**4.67**		**1.31**	
Ethene		74-85-1	NE	NA		**497**		**3,110**		**4,250**		**44.1**		**9.45**		**1.11**	
Methane		74-82-8	NE	NA		**1,820**		**4,630**		**4,510**		**128**		**748**		**277**	
General Chemistry	millivolts																
Oxidation Reduction Potential		--	NE	-8		NA		-74		-69.7		NA		-116		-134	
pH	s.u.	--	NE	6.93		NA		6.37		6.45		NA		7.11		7.15	
Sulfate	ug/L	14808-79-8	250000	NA		**109,000**		**46,000**		**2,000**	**J**	**73,600**		**120,000**		**78,000**	
Total Organic Carbon	ug/L	--	NE	NA		NA		NA		NA		NA		NA		NA	
Volatile Fatty Acids	mg/L																
Butyric Acid		107-92-6	NE	NA		**36**	**J**	50	U	50	U	**6.6**		0.5	U	5	U
i-Hexanoic Acid		646-07-1	NE	NA		20	U	50	U	50	U	2	U	0.5	U	5	U
i-Pentanoic Acid		503-74-2	NE	NA		20	U	50	U	50	U	2	U	0.5	U	5	U
Lactic Acid		50-21-5	NE	NA		**6.7**	**J**	50	U	50	U	**3.9**	**J**	**0.67**		5	U
Pyruvic Acid		127-17-3	NE	NA		20	U	50	U	50	U	**0.75**	**J**	0.5	U	5	U
Acetic Acid		64-19-7	NE	NA		**350**		**257**		**432**		**31**		**2.3**		5	U
Formic acid		64-18-6	NE	NA		**100**		50	U	50	U	**55**		0.5	U	5	U
Pentanoic acid		109-52-4	NE	NA		**7.6**	**J**	50	U	50	U	2	U	0.5	U	5	U
Propionic Acid		79-09-4	NE	NA		**730**		**641**		**540**		**84**		0.5	U	5	U
Hexanoic acid		142-62-1	NE	NA		20	U	50	U	50	U	**1.1**	**J**	0.5	U	5	U
Herbicides	ug/L																
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	50	10	U	NA		NA		10	U	NA		NA		10	U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	35	2	U	NA		NA		2	U	NA		NA		2	U
2,4,5-TP (Silvex)		93-72-1	0.26	2	U	NA		NA		2	U	NA		NA		2	U
Metals	ug/L																
Aluminum		7429-90-5	NE	**1,650**		NA		NA		10	U	NA		NA		10	U
Antimony		7440-36-0	3	**0.5**	**J**	NA		NA		4	U	NA		NA		4	U
Arsenic		7440-38-2	25	**3.75**		NA		NA		**19.82**		NA		NA		**1.43**	
Barium		7440-39-3	1000	**175**		NA		NA		**1,790**		NA		NA		**68.48**	
Beryllium		7440-41-7	3*	0.5	U	NA		NA		0.5	U	NA		NA		0.5	U
Cadmium		7440-43-9	5	**0.13**	**J**	NA		NA		0.2	U	NA		NA		0.2	U
Calcium		7440-70-2	NE	**175,000**		NA		NA		**496,000**		NA		NA		**126,000**	
Chromium		7440-47-3	50	**3.72**		NA		NA		1	U	NA		NA		1	U
Cobalt		7440-48-4	NE	**2.28**		NA		NA		**2.01**		NA		NA		0.5	U
Copper		7440-50-8	200	**7.92**		NA		NA		1	U	NA		NA		1	U
Iron (Dissolved)		7439-89-6	300	NA		**2,690**		**39,200**	**J**	**106,000**		**21.5**	**J**	**1,910**	**J**	**1,170**	
Iron		7439-89-6	300	**2,700**		**104,000**		**44,400**		**98,500**		**195,000**		**2,500**		**1,230**	
Lead		7439-92-1	25	**43.51**		NA		NA		1	U	NA		NA		1	U
Magnesium		7439-95-4	35000*	**39,700**		NA		NA		**134,000**		NA		NA		**61,700**	
Manganese		7439-96-5	300	**2,255**		NA		NA		**3,190**		NA		NA		**47.42**	
Mercury		7439-97-6	0.7	**0.14**	**J**	NA		NA		0.2	U	NA		NA		0.2	U
Nickel		7440-02-0	100	**5.85**		NA		NA		**3.13**		NA		NA		2	U
Potassium		7440-09-7	NE	**5,990**		NA		NA		**12,800**		NA		NA		**1,860**	
Selenium		7782-49-2	10	5	U	NA		NA		5	U	NA		NA		5	U
Silver		7440-22-4	50	0.4	U	NA		NA		0.4	U	NA		NA		0.4	U
Sodium		7440-23-5	20000	**117,000**		NA		NA		**110,000**		NA		NA		**151,000**	
Thallium		7440-28-0	0.5*	1	U	NA		NA		1	U	NA		NA		1	U
Vanadium		7440-62-2	NE	**4.4**	**J**	NA		NA		5	U	NA		NA		5	U
Zinc		7440-66-6	2000*	**32.72**		NA		NA		10	U	NA		NA		10	U

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

				Pre-Injection		Post-Injection						Post-Injection					
			Sample Name	TW6		MW3S_G		MW3S		MW3S		MW3I_G		MW3I		MW3I	
			Sample Date	2/27/2022		2/7/2023		7/6/2023		12/1/2023		2/8/2023		7/6/2023		11/30/2023	
			Parent Sample														
Analyte	**Units**	**CAS No.**	**NYS AWQS**														
Pesticides	ug/L																
Aldrin		309-00-2	ND	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.01	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.04	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.05	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
Chlordane (Technical)		12789-03-6	NE	0.143	U	NA		NA		0.143	U	NA		NA		0.143	U
alpha-Chlordane		5103-71-9	NE	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
gamma-Chlordane		5103-74-2	NE	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
4,4'-DDT (p,p'-DDT)		50-29-3	0.2	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
4,4'-DDE (p,p'-DDE)		72-55-9	0.2	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
4,4'-DDD (p,p-DDD)		72-54-8	0.3	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
Dieldrin		60-57-1	0.004	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
alpha-Endosulfan (I)		959-98-8	NE	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
beta-Endosulfan (II)		33213-65-9	NE	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
Endosulfan sulfate		1031-07-8	NE	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
Endrin		72-20-8	ND	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
Endrin aldehyde		7421-93-4	5	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
Endrin ketone		53494-70-5	5	0.029	U	NA		NA		0.029	U	NA		NA		0.029	U
Heptachlor		76-44-8	0.04	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
Heptachlor epoxide		1024-57-3	0.03	0.014	U	NA		NA		0.014	U	NA		NA		0.014	U
Methoxychlor		72-43-5	35	0.143	U	NA		NA		0.143	U	NA		NA		0.143	U
Toxaphene		8001-35-2	0.06	0.143	U	NA		NA		0.143	U	NA		NA		0.143	U
PFAS	ng/L																
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)		2991-50-6	NE	1.83	U	NA		NA		2	U	NA		NA		1.87	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)		2355-31-9	NE	**6.07**	**J**	NA		NA		2	U	NA		NA		1.87	U
Perfluorobutanesulfonic acid (PFBS)		375-73-5	NE	**6.12**		NA		NA		**4.58**		NA		NA		1.87	U
Perfluorobutanoic acid (PFBA)		375-22-4	NE	**13**		NA		NA		**14.6**		NA		NA		**1.59**	**J**
Perfluorodecanesulfonic acid (PFDS)		335-77-3	NE	1.83	U	NA		NA		2	U	NA		NA		1.87	U
Perfluorodecanoic acid (PFDA)		335-76-2	NE	**2.9**		NA		NA		2	U	NA		NA		1.87	U
Perfluorododecanoic acid (PFDoA)		307-55-1	NE	**0.539**	**J**	NA		NA		2	U	NA		NA		1.87	U
Perfluoroheptanesulfonic acid (PFHpS)		375-92-8	NE	**1.95**		NA		NA		**3.05**	**J**	NA		NA		1.87	U
Perfluoroheptanoic acid (PFHpA)		375-85-9	NE	**16.2**		NA		NA		**8.5**		NA		NA		1.87	U
Perfluorohexanoic acid (PFHxA)		307-24-4	NE	**30.9**		NA		NA		**13.6**		NA		NA		1.87	U
Perfluorooctanesulfonamide (FOSA)		754-91-6	NE	**1.24**	**J**	NA		NA		2	U	NA		NA		1.87	U
Perfluoropentanoic Acid (PFPeA)		2706-90-3	NE	**49.4**		NA		NA		**20.5**		NA		NA		1.87	U
Perfluorotetradecanoic acid (PFTA/PFTeDA)		376-06-7	NE	1.83	U	NA		NA		2	U	NA		NA		1.87	U
Perfluorotridecanoic acid (PFTriA/PFTrDA)		72629-94-8	NE	1.83	U	NA		NA		2	U	NA		NA		1.87	U
Perfluoroundecanoic acid (PFUnA)		2058-94-8	NE	**1.04**	**J**	NA		NA		2	U	NA		NA		1.87	U
PFOA/PFOS, Total		--	NE	**152**		NA		NA		**27.3**		NA		NA		1.87	U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)		39108-34-4	NE	1.83	U	NA		NA		2	U	NA		NA		1.87	U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)		27619-97-2	NE	1.83	U	NA		NA		**1.57**	**J**	NA		NA		**1.48**	**J**
Perfluorohexanesulfonic acid (PFHxS)		355-46-4	NE	**10.1**		NA		NA		**12.4**	**J**	NA		NA		1.87	U
Perfluorononanoic Acid (PFNA)		375-95-1	NE	**4.64**		NA		NA		2	U	NA		NA		1.87	U
Perfluorooctanesulfonic acid (PFOS)		1763-23-1	NE	**118**		NA		NA		**10.1**		NA		NA		1.87	U
Perfluorooctanoic Acid (PFOA)		335-67-1	NE	**34.1**		NA		NA		**17.2**		NA		NA		1.87	U
Polychlorinated Biphenyls (PCBs)	ug/L																
Aroclor 1016		12674-11-2	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Aroclor 1221		11104-28-2	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Aroclor 1232		11141-16-5	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Aroclor 1242		53469-21-9	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Aroclor 1248		12672-29-6	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Aroclor 1254		11097-69-1	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Aroclor 1260		11096-82-5	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Aroclor 1262		37324-23-5	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Aroclor 1268		11100-14-4	NE	NA		NA		NA		0.357	U	NA		NA		0.071	U
Total PCBs (Lab calculated)		1336-36-3	0.09	NA		NA		NA		0.357	U	NA		NA		0.071	U
Volatile Organic Compounds	ug/L																
Acetone		67-64-1	50*	1,200	U	2,500	U	2,500	U	5,000	U	500	U	50	U	5	U
Benzene		71-43-2	1	120	U	250	U	250	U	500	U	50	U	5	U	0.5	U
Bromochloromethane		74-97-5	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Bromodichloromethane		75-27-4	50*	120	U	250	U	250	U	500	U	50	U	5	U	0.5	U
Bromoform		75-25-2	50*	500	U	1000	U	1000	UJ	2,000	U	200	U	20	UJ	2	U
Bromomethane		74-83-9	5	620	U	1,200	UJ	1,200	U	2,500	U	250	UJ	25	U	2.5	U
Carbon disulfide		75-15-0	60*	1,200	U	2,500	UJ	2,500	U	5,000	U	500	UJ	50	U	5	U
Carbon tetrachloride		56-23-5	5	120	U	250	U	250	U	500	U	50	U	5	U	0.5	U
Chlorobenzene		108-90-7	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Chloroethane		75-00-3	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Chloroform (Trichloromethane)		67-66-3	7	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Chloromethane		74-87-3	5	620	U	1,200	U	1,200	U	2,500	UJ	250	U	25	U	2.5	UJ
Cyclohexane		110-82-7	NE	2,500	U	5,000	U	5,000	U	10,000	U	1000	U	100	U	10	U
1,2-Dibromo-3-chloropropane		96-12-8	0.04	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Dibromochloromethane		124-48-1	50*	120	U	250	U	250	UJ	500	U	50	U	5	UJ	0.5	U
1,2-Dibromoethane (EDB)		106-93-4	0.0006	500	U	1000	U	1000	U	2,000	U	200	U	20	U	2	U
1,2-Dichlorobenzene (o-DCB)		95-50-1	3	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,3-Dichlorobenzene (m-DCB)		541-73-1	3	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,4-Dichlorobenzene (p-DCB)		106-46-7	3	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Dichlorodifluoromethane (Freon 12)		75-71-8	5	1,200	U	2,500	U	2,500	U	5,000	U	500	U	50	U	5	U
1,1-Dichloroethane		75-34-3	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,2-Dichloroethane		107-06-2	0.6	120	U	250	U	250	U	500	U	50	U	5	U	0.5	U
1,1-Dichloroethene		75-35-4	5	120	U	**100**	**J**	**200**	**J**	**220**	**J**	50	U	5	U	**0.26**	**J**
cis-1,2-Dichloroethene		156-59-2	5	**14,000**		**57,000**		**90,000**		**190,000**		**4,000**		**970**		**140**	
trans-1,2-Dichloroethene		156-60-5	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,2-Dichloropropane		78-87-5	1	250	U	500	U	500	U	1000	U	100	U	10	U	1	U
cis-1,3-Dichloropropene		10061-01-5	0.4	120	U	250	U	250	U	500	U	50	U	5	U	0.5	U
trans-1,3-Dichloropropene		10061-02-6	0.4	120	U	250	UJ	250	U	500	U	50	UJ	5	U	0.5	U
1,4-Dioxane		123-91-1	NE	62,000	U	120,000	U	120,000	U	250,000	U	25,000	U	2,500	U	250	U
Ethylbenzene		100-41-4	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
2-Hexanone		591-78-6	50*	1,200	U	2,500	U	2,500	U	5,000	U	500	U	50	U	5	U
Isopropylbenzene		98-82-8	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Methyl acetate		79-20-9	NE	500	U	1000	U	1000	U	2,000	UJ	200	U	20	U	2	UJ
Methyl ethyl ketone (2-Butanone)		78-93-3	50*	1,200	U	2,500	U	2,500	U	5,000	U	500	U	50	U	5	U
Methyl tert-butyl ether (MTBE)		1634-04-4	10*	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	1,200	U	2,500	U	2,500	U	5,000	UJ	500	U	50	U	5	UJ
Methylcyclohexane		108-87-2	NE	2,500	U	5,000	U	5,000	U	10,000	U	1000	U	100	U	10	U
Methylene chloride		75-09-2	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Styrene		100-42-5	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,1,2,2-Tetrachloroethane		79-34-5	5	120	U	250	U	250	U	500	U	50	U	5	U	0.5	U
Tetrachloroethene (PCE)		127-18-4	5	**34,000**		**63,000**		**41,000**		**1,400**		**13,000**		**19**		**2.3**	
Tetrahydrofuran		109-99-9	50*	NA		NA		NA		5,000	U	NA		NA		5	U
Toluene		108-88-3	5	620	U	1,200	U	1,200	U	2,500	U	**150**	**J**	**26**		**1.8**	**J**
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,2,3-Trichlorobenzene		87-61-6	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,2,4-Trichlorobenzene		120-82-1	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,1,1-Trichloroethane (TCA)		71-55-6	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
1,1,2-Trichloroethane		79-00-5	1	380	U	750	U	750	U	1,500	U	150	U	15	U	1.5	U
Trichloroethene (TCE)		79-01-6	5	**8,100**		**5,000**		**30,000**		**650**		**690**		**18**		**1.4**	
Trichlorofluoromethane (Freon 11)		75-69-4	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Vinyl chloride		75-01-4	2	**2,100**		**2,800**		**12,000**		**38,000**		**120**		**8.6**	**J**	**7.3**	
o-Xylene		95-47-6	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
m/p-Xylene		179601-23-1	5	620	U	1,200	U	1,200	U	2,500	U	250	U	25	U	2.5	U
Total VOCs		--	NE	**58,200**		**127,900**		**173,200**		**230,270**		**17,960**		**1,041.60**		**153.06**	

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

				Pre-Injection	Post-Injection				Post-Injection			
			Sample Name	TW9	MW4S_G	DUP01_020823	MW4S	MW4S	MW4I_G	MW4I	MW4I	DUP-12.1.23
			Sample Date	2/26/2022	2/8/2023	2/8/2023	7/6/2023	12/1/2023	2/8/2023	7/6/2023	12/1/2023	12/1/2023
			Parent Sample			MW4S_G						MW4I
Analyte	**Units**	**CAS No.**	**NYS AWQS**									
Base/Neutral Compounds	ug/L											
Acenaphthene		83-32-9	20*	NA	NA	NA	NA	**0.02 J**	NA	NA	0.1 U	0.1 U
Acenaphthylene		208-96-8	NE	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	0.1 U
Acetophenone		98-86-2	NE	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Anthracene		120-12-7	50*	NA	NA	NA	NA	**0.02 J**	NA	NA	0.1 U	0.1 U
Atrazine		1912-24-9	7.5	NA	NA	NA	NA	10 U	NA	NA	10 U	10 U
Benzaldehyde		100-52-7	NE	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Benzo(a)anthracene		56-55-3	0.002*	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	0.1 U
Benzo(b)fluoranthene		205-99-2	0.002*	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.05 J**
Benzo(k)fluoranthene		207-08-9	0.002*	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.05 J**
Benzo(g,h,i)perylene		191-24-2	NE	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.05 J**
Benzo(a)pyrene		50-32-8	ND	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.02 J**
Biphenyl (1,1-Biphenyl)		92-52-4	5	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
Bis(2-chloroethoxy)methane		111-91-1	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Bis(2-chloroethyl)ether		111-44-4	1	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
2,2-oxybis(1-Chloropropane)		108-60-1	5	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
Bis(2-ethylhexyl)phthalate		117-81-7	5	NA	NA	NA	NA	3 U	NA	NA	3 U	3 U
4-Bromophenyl phenyl ether		101-55-3	NE	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
Butyl benzyl phthalate		85-68-7	50*	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Caprolactam		105-60-2	NE	NA	NA	NA	NA	10 U	NA	NA	10 U	10 U
Carbazole		86-74-8	NE	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
4-Chloro-3-methylphenol		59-50-7	NE	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
4-Chloroaniline		106-47-8	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
2-Chloronaphthalene		91-58-7	10*	NA	NA	NA	NA	0.2 U	NA	NA	0.2 U	0.2 U
2-Chlorophenol		95-57-8	NE	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
Chrysene		218-01-9	0.002*	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.05 J**
Dibenz(a,h)anthracene		53-70-3	NE	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.06 J**
Dibenzofuran		132-64-9	NE	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
3,3-Dichlorobenzidine		91-94-1	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
2,4-Dichlorophenol		120-83-2	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Diethyl phthalate		84-66-2	50*	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Dimethyl phthalate		131-11-3	50*	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
2,4-Dimethylphenol		105-67-9	50*	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Di-n-butyl phthalate		84-74-2	50	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NA	NA	NA	NA	10 U	NA	NA	10 U	10 U
2,4-Dinitrophenol		51-28-5	10*	NA	NA	NA	NA	20 U	NA	NA	20 U	20 U
2,4-Dinitrotoluene		121-14-2	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
2,6-Dinitrotoluene		606-20-2	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Di-n-octyl phthalate		117-84-0	50*	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Fluoranthene		206-44-0	50*	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.03 J**
Fluorene		86-73-7	50*	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	0.1 U
Hexachlorobenzene		118-74-1	0.04	NA	NA	NA	NA	0.8 U	NA	NA	0.8 U	0.8 U
1,3-Hexachlorobutadiene (C-46)		87-68-3	0.5	NA	NA	NA	NA	0.5 U	NA	NA	0.5 U	0.5 U
Hexachlorocyclopentadiene		77-47-4	5	NA	NA	NA	NA	20 U	NA	NA	20 U	20 U
Hexachloroethane		67-72-1	5	NA	NA	NA	NA	0.8 U	NA	NA	0.8 U	0.8 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.05 J**
Isophorone		78-59-1	50*	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
2-Methylnaphthalene		91-57-6	NE	NA	NA	NA	NA	**0.1**	NA	NA	0.1 U	0.1 U
2-Methylphenol (o-Cresol)		95-48-7	1	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
3,4-Methylphenol (m,p-Cresol)		108394/106445	NE	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Naphthalene		91-20-3	10*	NA	NA	NA	NA	**0.42**	NA	NA	0.1 U	0.1 U
2-Nitroaniline		88-74-4	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
3-Nitroaniline		99-09-2	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
4-Nitroaniline		100-01-6	5	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Nitrobenzene		98-95-3	0.4	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
2-Nitrophenol		88-75-5	NE	NA	NA	NA	NA	10 U	NA	NA	10 U	10 U
4-Nitrophenol		100-02-7	NE	NA	NA	NA	NA	10 U	NA	NA	10 U	10 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	50*	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Pentachlorophenol		87-86-5	1	NA	NA	NA	NA	0.8 U	NA	NA	0.8 U	0.8 U
Phenanthrene		85-01-8	50*	NA	NA	NA	NA	**0.04 J**	NA	NA	0.1 U	0.1 U
Phenol		108-95-2	1	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Pyrene		129-00-0	50*	NA	NA	NA	NA	0.1 U	NA	NA	0.1 U	**0.03 J**
1,2,4,5-Tetrachlorobenzene		95-94-3	5	NA	NA	NA	NA	10 U	NA	NA	10 U	10 U
2,3,4,6-Tetrachlorophenol		58-90-2	NE	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
2,4,5-Trichlorophenol		95-95-4	NE	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
2,4,6-Trichlorophenol		88-06-2	NE	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Cyanides	ug/L											
Total Cyanide		57-12-5	200	NA	NA	NA	NA	5 U	NA	NA	5 U	5 U
Dissolved Gases	ug/L											
Ethane		74-84-0	NE	NA	**520**	NA	**578**	**638**	**16.4**	**44.8**	**32.1**	NA
Ethene		74-85-1	NE	NA	**1,720**	NA	**60.4**	**65.3**	**59.4**	**104**	**82.5**	NA
Methane		74-82-8	NE	NA	**3,910**	NA	**5,610**	**6,100**	**162**	**1,770**	**2,050**	NA
General Chemistry	millivolts											
Oxidation Reduction Potential		--	NE	-21	NA	NA	115	9.8	NA	-90	-110.9	NA
pH	s.u.	--	NE	7.49	NA	NA	6.12	6.83	NA	6.78	7.01	NA
Sulfate	ug/L	14808-79-8	250000	NA	**313,000**	NA	**190,000**	**150,000**	**99,600**	**140,000**	**150,000**	NA
Total Organic Carbon	ug/L	--	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Fatty Acids	mg/L											
Butyric Acid		107-92-6	NE	NA	**57**	NA	0.5 U	5 U	**11**	0.5 U	5 U	NA
i-Hexanoic Acid		646-07-1	NE	NA	10 U	NA	0.5 U	5 U	2 U	0.5 U	5 U	NA
i-Pentanoic Acid		503-74-2	NE	NA	10 U	NA	0.5 U	5 U	2 U	0.5 U	5 U	NA
Lactic Acid		50-21-5	NE	NA	10 U	NA	**0.71**	5 U	**2.8 J**	**0.71**	5 U	NA
Pyruvic Acid		127-17-3	NE	NA	**3.3 J**	NA	0.5 U	5 U	**93 J**	0.5 U	5 U	NA
Acetic Acid		64-19-7	NE	NA	**140**	NA	0.5 U	5 U	**36**	**0.94**	5 U	NA
Formic acid		64-18-6	NE	NA	**53**	NA	0.5 U	5 U	**57**	0.5 U	5 U	NA
Pentanoic acid		109-52-4	NE	NA	**14 J**	NA	0.5 U	5 U	**3.1 J**	0.5 U	5 U	NA
Propionic Acid		79-09-4	NE	NA	**380**	NA	0.5 U	5 U	**93**	**1.3**	5 U	NA
Hexanoic acid		142-62-1	NE	NA	**3.8 J**	NA	0.5 U	5 U	**1.2 J**	0.5 U	5 U	NA
Herbicides	ug/L											
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	50	NA	NA	NA	NA	10 U	NA	NA	10 U	10 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	35	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
2,4,5-TP (Silvex)		93-72-1	0.26	NA	NA	NA	NA	2 U	NA	NA	2 U	2 U
Metals	ug/L											
Aluminum		7429-90-5	NE	NA	NA	NA	NA	**3,520**	NA	NA	10 U	10 U
Antimony		7440-36-0	3	NA	NA	NA	NA	4 U	NA	NA	4 U	4 U
Arsenic		7440-38-2	25	NA	NA	NA	NA	**5.36**	NA	NA	**2.4**	**2.37**
Barium		7440-39-3	1000	NA	NA	NA	NA	**80.09**	NA	NA	**35.46**	**39.69**
Beryllium		7440-41-7	3*	NA	NA	NA	NA	**0.15 J**	NA	NA	0.5 U	0.5 U
Cadmium		7440-43-9	5	NA	NA	NA	NA	0.2 U	NA	NA	0.2 U	0.2 U
Calcium		7440-70-2	NE	NA	NA	NA	NA	**320,000**	NA	NA	**145,000**	**153,000**
Chromium		7440-47-3	50	NA	NA	NA	NA	1 U	NA	NA	1 U	1 U
Cobalt		7440-48-4	NE	NA	NA	NA	NA	**4.54**	NA	NA	0.5 U	**0.18 J**
Copper		7440-50-8	200	NA	NA	NA	NA	**9.82**	NA	NA	**0.73 J**	1 U
Iron (Dissolved)		7439-89-6	300	NA	**2,440 J**	**25 J**	**604 J**	**382**	**3,690**	**1,230 J**	**1,520**	NA
Iron		7439-89-6	300	NA	**53,200 J**	**151,000 J**	**57,100**	**9,000**	**547,000**	**1,500**	**1,590**	**1,600 J**
Lead		7439-92-1	25	NA	NA	NA	NA	**3.76**	NA	NA	1 U	1 U
Magnesium		7439-95-4	35000*	NA	NA	NA	NA	**49,600**	NA	NA	**58,800**	**59,000**
Manganese		7439-96-5	300	NA	NA	NA	NA	**1,203**	NA	NA	**182.6**	**176.4**
Mercury		7439-97-6	0.7	NA	NA	NA	NA	0.2 U	NA	NA	0.2 U	0.2 U
Nickel		7440-02-0	100	NA	NA	NA	NA	**16.67**	NA	NA	2 U	2 U
Potassium		7440-09-7	NE	NA	NA	NA	NA	**4,670**	NA	NA	**1,950**	**2,140**
Selenium		7782-49-2	10	NA	NA	NA	NA	**2.58 J**	NA	NA	5 U	5 U
Silver		7440-22-4	50	NA	NA	NA	NA	0.4 U	NA	NA	0.4 U	0.4 U
Sodium		7440-23-5	20000	NA	NA	NA	NA	**115,000**	NA	NA	**47,600**	**46,900**
Thallium		7440-28-0	0.5*	NA	NA	NA	NA	1 U	NA	NA	1 U	1 U
Vanadium		7440-62-2	NE	NA	NA	NA	NA	**7.08**	NA	NA	5 U	5 U
Zinc		7440-66-6	2000*	NA	NA	NA	NA	**19.32**	NA	NA	10 U	10 U

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

				Pre-Injection		Post-Injection								Post-Injection							
			Sample Name	TW9		MW4S_G		DUP01_020823		MW4S		MW4S		MW4I_G		MW4I		MW4I		DUP-12.1.23	
			Sample Date	2/26/2022		2/8/2023		2/8/2023		7/6/2023		12/1/2023		2/8/2023		7/6/2023		12/1/2023		12/1/2023	
			Parent Sample					MW4S_G												MW4I	
Analyte	**Units**	**CAS No.**	**NYS AWQS**																		
Pesticides	ug/L																				
Aldrin		309-00-2	ND	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.01	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.04	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.05	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
Chlordane (Technical)		12789-03-6	NE	NA		NA		NA		NA		0.143	U	NA		NA		0.143	U	0.143	U
alpha-Chlordane		5103-71-9	NE	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
gamma-Chlordane		5103-74-2	NE	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
4,4'-DDT (p,p'-DDT)		50-29-3	0.2	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
4,4'-DDE (p,p'-DDE)		72-55-9	0.2	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
4,4'-DDD (p,p-DDD)		72-54-8	0.3	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
Dieldrin		60-57-1	0.004	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
alpha-Endosulfan (I)		959-98-8	NE	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
beta-Endosulfan (II)		33213-65-9	NE	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
Endosulfan sulfate		1031-07-8	NE	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
Endrin		72-20-8	ND	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
Endrin aldehyde		7421-93-4	5	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
Endrin ketone		53494-70-5	5	NA		NA		NA		NA		0.029	U	NA		NA		0.029	U	0.029	U
Heptachlor		76-44-8	0.04	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
Heptachlor epoxide		1024-57-3	0.03	NA		NA		NA		NA		0.014	U	NA		NA		0.014	U	0.014	U
Methoxychlor		72-43-5	35	NA		NA		NA		NA		0.143	U	NA		NA		0.143	U	0.143	U
Toxaphene		8001-35-2	0.06	NA		NA		NA		NA		0.143	U	NA		NA		0.143	U	0.143	U
PFAS	ng/L																				
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)		2991-50-6	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)		2355-31-9	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Perfluorobutanesulfonic acid (PFBS)		375-73-5	NE	NA		NA		NA		NA		**4.52**		NA		NA		1.84	U	1.84	U
Perfluorobutanoic acid (PFBA)		375-22-4	NE	NA		NA		NA		NA		**12.6**		NA		NA		**1.61**	**J**	**1.63**	**J**
Perfluorodecanesulfonic acid (PFDS)		335-77-3	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Perfluorodecanoic acid (PFDA)		335-76-2	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Perfluorododecanoic acid (PFDoA)		307-55-1	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Perfluoroheptanesulfonic acid (PFHpS)		375-92-8	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Perfluoroheptanoic acid (PFHpA)		375-85-9	NE	NA		NA		NA		NA		**15.9**		NA		NA		1.84	U	1.84	U
Perfluorohexanoic acid (PFHxA)		307-24-4	NE	NA		NA		NA		NA		**24.2**		NA		NA		**0.906**	**J**	**0.916**	**J**
Perfluorooctanesulfonamide (FOSA)		754-91-6	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Perfluoropentanoic Acid (PFPeA)		2706-90-3	NE	NA		NA		NA		NA		**36.4**		NA		NA		**3.19**		**3.69**	
Perfluorotetradecanoic acid (PFTA/PFTeDA)		376-06-7	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Perfluorotridecanoic acid (PFTriA/PFTrDA)		72629-94-8	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Perfluoroundecanoic acid (PFUnA)		2058-94-8	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
PFOA/PFOS, Total		--	NE	NA		NA		NA		NA		**50.4**		NA		NA		1.84	U	1.84	U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)		39108-34-4	NE	NA		NA		NA		NA		1.94	U	NA		NA		1.84	U	1.84	U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)		27619-97-2	NE	NA		NA		NA		NA		1.94	U	NA		NA		**1.82**	**J**	**3.38**	
Perfluorohexanesulfonic acid (PFHxS)		355-46-4	NE	NA		NA		NA		NA		**4.55**		NA		NA		1.84	U	1.84	U
Perfluorononanoic Acid (PFNA)		375-95-1	NE	NA		NA		NA		NA		**3.61**		NA		NA		1.84	U	1.84	U
Perfluorooctanesulfonic acid (PFOS)		1763-23-1	NE	NA		NA		NA		NA		**12.9**		NA		NA		1.84	U	1.84	U
Perfluorooctanoic Acid (PFOA)		335-67-1	NE	NA		NA		NA		NA		**37.5**		NA		NA		1.84	U	1.84	U
Polychlorinated Biphenyls (PCBs)	ug/L																				
Aroclor 1016		12674-11-2	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Aroclor 1221		11104-28-2	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Aroclor 1232		11141-16-5	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Aroclor 1242		53469-21-9	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Aroclor 1248		12672-29-6	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Aroclor 1254		11097-69-1	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Aroclor 1260		11096-82-5	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Aroclor 1262		37324-23-5	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Aroclor 1268		11100-14-4	NE	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Total PCBs (Lab calculated)		1336-36-3	0.09	NA		NA		NA		NA		0.071	U	NA		NA		0.071	U	0.071	U
Volatile Organic Compounds	ug/L																				
Acetone		67-64-1	50*	20	U	2,500	U	2,500	U	5,000	U	1000	U	500	U	250	U	250	U	250	U
Benzene		71-43-2	1	2	U	250	U	250	U	500	U	100	U	50	U	25	U	25	U	25	U
Bromochloromethane		74-97-5	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Bromodichloromethane		75-27-4	50*	2	U	250	U	250	U	500	U	100	U	50	U	25	U	25	U	25	U
Bromoform		75-25-2	50*	8	U	1000	U	1000	U	2,000	UJ	400	U	200	U	100	U	100	U	100	U
Bromomethane		74-83-9	5	10	U	1,200	UJ	1,200	UJ	2,500	U	500	U	250	UJ	120	U	120	U	120	U
Carbon disulfide		75-15-0	60*	20	U	2,500	UJ	2,500	UJ	5,000	U	1000	U	500	UJ	250	U	250	U	250	U
Carbon tetrachloride		56-23-5	5	2	U	250	U	250	U	500	U	100	U	50	U	25	U	25	U	25	U
Chlorobenzene		108-90-7	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Chloroethane		75-00-3	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Chloroform (Trichloromethane)		67-66-3	7	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Chloromethane		74-87-3	5	10	U	1,200	U	1,200	U	2,500	U	500	UJ	250	U	120	U	120	UJ	120	UJ
Cyclohexane		110-82-7	NE	40	U	5,000	U	5,000	U	10,000	U	2,000	U	1000	U	500	U	500	U	500	U
1,2-Dibromo-3-chloropropane		96-12-8	0.04	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Dibromochloromethane		124-48-1	50*	2	U	250	U	250	U	500	UJ	100	U	50	U	25	U	25	U	25	U
1,2-Dibromoethane (EDB)		106-93-4	0.0006	8	U	1000	U	1000	U	2,000	U	400	U	200	U	100	U	100	U	100	U
1,2-Dichlorobenzene (o-DCB)		95-50-1	3	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,3-Dichlorobenzene (m-DCB)		541-73-1	3	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,4-Dichlorobenzene (p-DCB)		106-46-7	3	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Dichlorodifluoromethane (Freon 12)		75-71-8	5	20	U	2,500	U	2,500	U	5,000	U	1000	U	500	U	250	U	250	U	250	U
1,1-Dichloroethane		75-34-3	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,2-Dichloroethane		107-06-2	0.6	2	U	250	U	250	U	500	U	100	U	50	U	25	U	25	U	25	U
1,1-Dichloroethene		75-35-4	5	2	U	**100**	**J**	**94**	**J**	500	U	**35**	**J**	50	U	**25**		**29**		**26**	
cis-1,2-Dichloroethene		156-59-2	5	**460**		**76,000**		**70,000**		**16,000**		**17,000**		**8,500**		**3,600**		**6,700**		**6,000**	
trans-1,2-Dichloroethene		156-60-5	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,2-Dichloropropane		78-87-5	1	4	U	500	U	500	U	1000	U	200	U	100	U	50	U	50	U	50	U
cis-1,3-Dichloropropene		10061-01-5	0.4	2	U	250	U	250	U	500	U	100	U	50	U	25	U	25	U	25	U
trans-1,3-Dichloropropene		10061-02-6	0.4	2	U	250	UJ	250	UJ	500	U	100	U	50	UJ	25	U	25	U	25	U
1,4-Dioxane		123-91-1	NE	1000	U	120,000	U	120,000	U	250,000	U	50,000	U	25,000	U	12,000	U	12,000	U	12,000	U
Ethylbenzene		100-41-4	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
2-Hexanone		591-78-6	50*	20	U	2,500	U	2,500	U	5,000	U	1000	U	500	U	250	U	250	U	250	U
Isopropylbenzene		98-82-8	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Methyl acetate		79-20-9	NE	8	U	1000	U	1000	U	2,000	U	400	UJ	200	U	100	U	100	UJ	100	UJ
Methyl ethyl ketone (2-Butanone)		78-93-3	50*	20	U	2,500	U	2,500	U	5,000	U	1000	U	500	U	250	U	250	U	250	U
Methyl tert-butyl ether (MTBE)		1634-04-4	10*	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	20	U	2,500	U	2,500	U	5,000	U	1000	UJ	500	U	250	U	250	UJ	250	UJ
Methylcyclohexane		108-87-2	NE	40	U	5,000	U	5,000	U	10,000	U	2,000	U	1000	U	500	U	500	U	500	U
Methylene chloride		75-09-2	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Styrene		100-42-5	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,1,2,2-Tetrachloroethane		79-34-5	5	2	U	250	U	250	U	500	U	100	U	50	U	25	U	25	U	25	U
Tetrachloroethene (PCE)		127-18-4	5	**61**		**43,000**		**41,000**		**120,000**		**140,000**	**J**	**5,800**		**7,700**	**J**	**720**		**670**	
Tetrahydrofuran		109-99-9	50*	NA		NA		NA		NA		1000	U	NA		NA		250	U	250	U
Toluene		108-88-3	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,2,3-Trichlorobenzene		87-61-6	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,2,4-Trichlorobenzene		120-82-1	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,1,1-Trichloroethane (TCA)		71-55-6	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
1,1,2-Trichloroethane		79-00-5	1	6	U	750	U	750	U	1,500	U	300	U	150	U	75	U	75	U	75	U
Trichloroethene (TCE)		79-01-6	5	**47**		**7,200**		**6,800**		**7,400**		**5,900**		**720**		**2,000**		**2,200**		**1,900**	
Trichlorofluoromethane (Freon 11)		75-69-4	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Vinyl chloride		75-01-4	2	**24**		**8,500**		**8,100**		**1,400**		**870**		**540**		**360**		**330**		**330**	
o-Xylene		95-47-6	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
m/p-Xylene		179601-23-1	5	10	U	1,200	U	1,200	U	2,500	U	500	U	250	U	120	U	120	U	120	U
Total VOCs		--	NE	**592**		**134,800**		**125,994**		**144,800**		**163,805**		**15,560**		**13,685**		**9,979**		**8,926**	

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

				Post-Injection				Post-Injection			
			Sample Name	MW5S	MW5S	MW5S		MW5I	MW5I	MW5I	
			Sample Date	2/21/2023	7/5/2023	11/29/2023		2/21/2023	7/5/2023	11/29/2023	
			Parent Sample								
Analyte	**Units**	**CAS No.**	**NYS AWQS**								
Base/Neutral Compounds	ug/L										
Acenaphthene		83-32-9	20*	NA	NA	**0.34**		NA	NA	0.1	U
Acenaphthylene		208-96-8	NE	NA	NA	**0.06**	**J**	NA	NA	0.1	U
Acetophenone		98-86-2	NE	NA	NA	5	U	NA	NA	5	U
Anthracene		120-12-7	50*	NA	NA	**0.04**	**J**	NA	NA	0.1	U
Atrazine		1912-24-9	7.5	NA	NA	10	U	NA	NA	10	U
Benzaldehyde		100-52-7	NE	NA	NA	5	U	NA	NA	5	U
Benzo(a)anthracene		56-55-3	0.002*	NA	NA	0.1	U	NA	NA	0.1	U
Benzo(b)fluoranthene		205-99-2	0.002*	NA	NA	0.1	U	NA	NA	0.1	U
Benzo(k)fluoranthene		207-08-9	0.002*	NA	NA	0.1	U	NA	NA	0.1	U
Benzo(g,h,i)perylene		191-24-2	NE	NA	NA	0.1	U	NA	NA	0.1	U
Benzo(a)pyrene		50-32-8	ND	NA	NA	0.1	U	NA	NA	0.1	U
Biphenyl (1,1-Biphenyl)		92-52-4	5	NA	NA	2	U	NA	NA	2	U
Bis(2-chloroethoxy)methane		111-91-1	5	NA	NA	5	U	NA	NA	5	U
Bis(2-chloroethyl)ether		111-44-4	1	NA	NA	2	U	NA	NA	2	U
2,2-oxybis(1-Chloropropane)		108-60-1	5	NA	NA	2	U	NA	NA	2	U
Bis(2-ethylhexyl)phthalate		117-81-7	5	NA	NA	3	U	NA	NA	3	U
4-Bromophenyl phenyl ether		101-55-3	NE	NA	NA	2	U	NA	NA	2	U
Butyl benzyl phthalate		85-68-7	50*	NA	NA	5	U	NA	NA	5	U
Caprolactam		105-60-2	NE	NA	NA	10	U	NA	NA	10	U
Carbazole		86-74-8	NE	NA	NA	2	U	NA	NA	2	U
4-Chloro-3-methylphenol		59-50-7	NE	NA	NA	2	U	NA	NA	2	U
4-Chloroaniline		106-47-8	5	NA	NA	5	UJ	NA	NA	5	UJ
2-Chloronaphthalene		91-58-7	10*	NA	NA	0.2	U	NA	NA	0.2	U
2-Chlorophenol		95-57-8	NE	NA	NA	2	U	NA	NA	2	U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NA	NA	2	U	NA	NA	2	U
Chrysene		218-01-9	0.002*	NA	NA	0.1	U	NA	NA	0.1	U
Dibenz(a,h)anthracene		53-70-3	NE	NA	NA	0.1	U	NA	NA	0.1	U
Dibenzofuran		132-64-9	NE	NA	NA	2	U	NA	NA	2	U
3,3-Dichlorobenzidine		91-94-1	5	NA	NA	5	U	NA	NA	5	U
2,4-Dichlorophenol		120-83-2	5	NA	NA	5	U	NA	NA	5	U
Diethyl phthalate		84-66-2	50*	NA	NA	5	U	NA	NA	5	U
Dimethyl phthalate		131-11-3	50*	NA	NA	5	U	NA	NA	5	U
2,4-Dimethylphenol		105-67-9	50*	NA	NA	5	U	NA	NA	5	U
Di-n-butyl phthalate		84-74-2	50	NA	NA	5	U	NA	NA	5	U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NA	NA	10	U	NA	NA	10	U
2,4-Dinitrophenol		51-28-5	10*	NA	NA	20	U	NA	NA	20	U
2,4-Dinitrotoluene		121-14-2	5	NA	NA	5	U	NA	NA	5	U
2,6-Dinitrotoluene		606-20-2	5	NA	NA	5	U	NA	NA	5	U
Di-n-octyl phthalate		117-84-0	50*	NA	NA	5	U	NA	NA	5	U
Fluoranthene		206-44-0	50*	NA	NA	**0.05**	**J**	NA	NA	0.1	U
Fluorene		86-73-7	50*	NA	NA	**0.29**		NA	NA	0.1	U
Hexachlorobenzene		118-74-1	0.04	NA	NA	0.8	U	NA	NA	0.8	U
1,3-Hexachlorobutadiene (C-46)		87-68-3	0.5	NA	NA	0.5	U	NA	NA	0.5	U
Hexachlorocyclopentadiene		77-47-4	5	NA	NA	20	UJ	NA	NA	20	UJ
Hexachloroethane		67-72-1	5	NA	NA	0.8	U	NA	NA	0.8	U
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	NA	NA	**0.02**	**J**	NA	NA	0.1	U
Isophorone		78-59-1	50*	NA	NA	5	U	NA	NA	5	U
2-Methylnaphthalene		91-57-6	NE	NA	NA	**7.4**		NA	NA	**0.05**	**J**
2-Methylphenol (o-Cresol)		95-48-7	1	NA	NA	5	U	NA	NA	5	U
3,4-Methylphenol (m,p-Cresol)		108394/106445	NE	NA	NA	5	U	NA	NA	5	U
Naphthalene		91-20-3	10*	NA	NA	**20**		NA	NA	0.1	U
2-Nitroaniline		88-74-4	5	NA	NA	5	U	NA	NA	5	U
3-Nitroaniline		99-09-2	5	NA	NA	5	U	NA	NA	5	U
4-Nitroaniline		100-01-6	5	NA	NA	5	U	NA	NA	5	U
Nitrobenzene		98-95-3	0.4	NA	NA	2	U	NA	NA	2	U
2-Nitrophenol		88-75-5	NE	NA	NA	10	U	NA	NA	10	U
4-Nitrophenol		100-02-7	NE	NA	NA	10	U	NA	NA	10	U
N-Nitrosodiphenylamine (NDFA)		86-30-6	50*	NA	NA	2	U	NA	NA	2	U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NA	NA	5	U	NA	NA	5	U
Pentachlorophenol		87-86-5	1	NA	NA	0.8	UJ	NA	NA	0.8	UJ
Phenanthrene		85-01-8	50*	NA	NA	**0.19**		NA	NA	0.1	U
Phenol		108-95-2	1	NA	NA	5	U	NA	NA	5	U
Pyrene		129-00-0	50*	NA	NA	**0.04**	**J**	NA	NA	0.1	U
1,2,4,5-Tetrachlorobenzene		95-94-3	5	NA	NA	10	U	NA	NA	10	U
2,3,4,6-Tetrachlorophenol		58-90-2	NE	NA	NA	5	U	NA	NA	5	U
2,4,5-Trichlorophenol		95-95-4	NE	NA	NA	5	U	NA	NA	5	U
2,4,6-Trichlorophenol		88-06-2	NE	NA	NA	5	U	NA	NA	5	U
Cyanides	ug/L										
Total Cyanide		57-12-5	200	NA	NA	5	U	NA	NA	5	U
Dissolved Gases	ug/L										
Ethane		74-84-0	NE	NA	NA	**5.54**		NA	NA	0.5	U
Ethene		74-85-1	NE	NA	NA	0.5	U	NA	NA	0.5	U
Methane		74-82-8	NE	NA	NA	**2,490**		NA	NA	**1,660**	
General Chemistry	millivolts										
Oxidation Reduction Potential		--	NE	-72	-134	-143		-155	-156	-198.8	
pH	s.u.	--	NE	6.52	7.05	7.11		6.8	7.12	7.21	
Sulfate	ug/L	14808-79-8	250000	NA	NA	**20,000**		NA	NA	**30,000**	
Total Organic Carbon	ug/L	--	NE	NA	NA	NA		NA	NA	NA	
Volatile Fatty Acids	mg/L										
Butyric Acid		107-92-6	NE	NA	NA	NA		NA	NA	NA	
i-Hexanoic Acid		646-07-1	NE	NA	NA	NA		NA	NA	NA	
i-Pentanoic Acid		503-74-2	NE	NA	NA	NA		NA	NA	NA	
Lactic Acid		50-21-5	NE	NA	NA	NA		NA	NA	NA	
Pyruvic Acid		127-17-3	NE	NA	NA	NA		NA	NA	NA	
Acetic Acid		64-19-7	NE	NA	NA	NA		NA	NA	NA	
Formic acid		64-18-6	NE	NA	NA	NA		NA	NA	NA	
Pentanoic acid		109-52-4	NE	NA	NA	NA		NA	NA	NA	
Propionic Acid		79-09-4	NE	NA	NA	NA		NA	NA	NA	
Hexanoic acid		142-62-1	NE	NA	NA	NA		NA	NA	NA	
Herbicides	ug/L										
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	50	NA	NA	10	U	NA	NA	10	U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	35	NA	NA	2	U	NA	NA	2	U
2,4,5-TP (Silvex)		93-72-1	0.26	NA	NA	2	U	NA	NA	2	U
Metals	ug/L										
Aluminum		7429-90-5	NE	NA	NA	**138**		NA	NA	10	U
Antimony		7440-36-0	3	NA	NA	4	U	NA	NA	4	U
Arsenic		7440-38-2	25	NA	NA	**3.93**		NA	NA	**3.82**	
Barium		7440-39-3	1000	NA	NA	**646.8**		NA	NA	**506.2**	
Beryllium		7440-41-7	3*	NA	NA	0.5	U	NA	NA	0.5	U
Cadmium		7440-43-9	5	NA	NA	0.2	U	NA	NA	0.2	U
Calcium		7440-70-2	NE	NA	NA	**109,000**		NA	NA	**116,000**	
Chromium		7440-47-3	50	NA	NA	1	U	NA	NA	1	U
Cobalt		7440-48-4	NE	NA	NA	**0.28**	**J**	NA	NA	**0.26**	**J**
Copper		7440-50-8	200	NA	NA	**0.64**	**J**	NA	NA	1	U
Iron (Dissolved)		7439-89-6	300	NA	NA	**2,470**		NA	NA	**4,620**	
Iron		7439-89-6	300	NA	NA	**2,940**		NA	NA	**4,630**	
Lead		7439-92-1	25	NA	NA	**1.82**		NA	NA	1	U
Magnesium		7439-95-4	35000*	NA	NA	**23,300**		NA	NA	**55,800**	
Manganese		7439-96-5	300	NA	NA	**562.1**		NA	NA	**480.2**	
Mercury		7439-97-6	0.7	NA	NA	0.2	U	NA	NA	0.2	U
Nickel		7440-02-0	100	NA	NA	**1.37**	**J**	NA	NA	2	U
Potassium		7440-09-7	NE	NA	NA	**2,930**		NA	NA	**2,960**	
Selenium		7782-49-2	10	NA	NA	5	U	NA	NA	5	U
Silver		7440-22-4	50	NA	NA	0.4	U	NA	NA	0.4	U
Sodium		7440-23-5	20000	NA	NA	**182,000**		NA	NA	**188,000**	
Thallium		7440-28-0	0.5*	NA	NA	1	U	NA	NA	1	U
Vanadium		7440-62-2	NE	NA	NA	5	U	NA	NA	5	U
Zinc		7440-66-6	2000*	NA	NA	10	U	NA	NA	10	U

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

				Post-Injection				Post-Injection			
			Sample Name	**MW5S**	**MW5S**	**MW5S**		**MW5I**	**MW5I**	**MW5I**	
			Sample Date	**2/21/2023**	**7/5/2023**	**11/29/2023**		**2/21/2023**	**7/5/2023**	**11/29/2023**	
			Parent Sample								
Analyte	**Units**	**CAS No.**	**NYS AWQS**								
Pesticides	ug/L										
Aldrin		309-00-2	ND	NA	NA	0.014	U	NA	NA	0.014	U
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.01	NA	NA	0.014	U	NA	NA	0.014	U
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.04	NA	NA	0.014	U	NA	NA	0.014	U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.05	NA	NA	0.014	U	NA	NA	0.014	U
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	NA	NA	0.014	U	NA	NA	0.014	U
Chlordane (Technical)		12789-03-6	NE	NA	NA	0.143	U	NA	NA	0.143	U
alpha-Chlordane		5103-71-9	NE	NA	NA	0.014	U	NA	NA	0.014	U
gamma-Chlordane		5103-74-2	NE	NA	NA	0.014	U	NA	NA	0.014	U
4,4'-DDT (p,p'-DDT)		50-29-3	0.2	NA	NA	0.029	U	NA	NA	0.029	U
4,4'-DDE (p,p'-DDE)		72-55-9	0.2	NA	NA	0.029	U	NA	NA	0.029	U
4,4'-DDD (p,p-DDD)		72-54-8	0.3	NA	NA	0.029	U	NA	NA	0.029	U
Dieldrin		60-57-1	0.004	NA	NA	0.029	U	NA	NA	0.029	U
alpha-Endosulfan (I)		959-98-8	NE	NA	NA	0.014	U	NA	NA	0.014	U
beta-Endosulfan (II)		33213-65-9	NE	NA	NA	0.029	U	NA	NA	0.029	U
Endosulfan sulfate		1031-07-8	NE	NA	NA	0.029	U	NA	NA	0.029	U
Endrin		72-20-8	ND	NA	NA	0.029	U	NA	NA	0.029	U
Endrin aldehyde		7421-93-4	5	NA	NA	0.029	U	NA	NA	0.029	U
Endrin ketone		53494-70-5	5	NA	NA	0.029	U	NA	NA	0.029	U
Heptachlor		76-44-8	0.04	NA	NA	0.014	U	NA	NA	0.014	U
Heptachlor epoxide		1024-57-3	0.03	NA	NA	0.014	U	NA	NA	0.014	U
Methoxychlor		72-43-5	35	NA	NA	0.143	U	NA	NA	0.143	U
Toxaphene		8001-35-2	0.06	NA	NA	0.143	U	NA	NA	0.143	U
PFAS	ng/L										
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)		2991-50-6	NE	NA	NA	2.11	U	NA	NA	1.89	U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)		2355-31-9	NE	NA	NA	2.11	U	NA	NA	1.89	U
Perfluorobutanesulfonic acid (PFBS)		375-73-5	NE	NA	NA	**4.84**		NA	NA	1.89	U
Perfluorobutanoic acid (PFBA)		375-22-4	NE	NA	NA	**18.1**		NA	NA	**1.46**	**J**
Perfluorodecanesulfonic acid (PFDS)		335-77-3	NE	NA	NA	2.11	U	NA	NA	1.89	U
Perfluorodecanoic acid (PFDA)		335-76-2	NE	NA	NA	**0.468**	**J**	NA	NA	1.89	U
Perfluorododecanoic acid (PFDoA)		307-55-1	NE	NA	NA	2.11	U	NA	NA	1.89	U
Perfluoroheptanesulfonic acid (PFHpS)		375-92-8	NE	NA	NA	**1.3**	**J**	NA	NA	1.89	U
Perfluoroheptanoic acid (PFHpA)		375-85-9	NE	NA	NA	**13.3**		NA	NA	1.89	U
Perfluorohexanoic acid (PFHxA)		307-24-4	NE	NA	NA	**25.2**		NA	NA	**0.43**	**J**
Perfluorooctanesulfonamide (FOSA)		754-91-6	NE	NA	NA	2.11	U	NA	NA	1.89	U
Perfluoropentanoic Acid (PFPeA)		2706-90-3	NE	NA	NA	**37.4**		NA	NA	**0.472**	**J**
Perfluorotetradecanoic acid (PFTA/PFTeDA)		376-06-7	NE	NA	NA	2.11	U	NA	NA	1.89	U
Perfluorotridecanoic acid (PFTriA/PFTrDA)		72629-94-8	NE	NA	NA	2.11	U	NA	NA	1.89	U
Perfluoroundecanoic acid (PFUnA)		2058-94-8	NE	NA	NA	2.11	U	NA	NA	1.89	U
PFOA/PFOS, Total		--	NE	NA	NA	**124**		NA	NA	**0.257**	**J**
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)		39108-34-4	NE	NA	NA	2.11	U	NA	NA	1.89	U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)		27619-97-2	NE	NA	NA	**1.95**	**J**	NA	NA	**42.7**	**J**
Perfluorohexanesulfonic acid (PFHxS)		355-46-4	NE	NA	NA	**7.38**		NA	NA	**0.483**	**J**
Perfluorononanoic Acid (PFNA)		375-95-1	NE	NA	NA	**4.32**		NA	NA	1.89	U
Perfluorooctanesulfonic acid (PFOS)		1763-23-1	NE	NA	NA	**32.2**		NA	NA	1.89	U
Perfluorooctanoic Acid (PFOA)		335-67-1	NE	NA	NA	**91.5**		NA	NA	**0.257**	**J**
Polychlorinated Biphenyls (PCBs)	ug/L										
Aroclor 1016		12674-11-2	NE	NA	NA	0.071	U	NA	NA	0.071	U
Aroclor 1221		11104-28-2	NE	NA	NA	0.071	U	NA	NA	0.071	U
Aroclor 1232		11141-16-5	NE	NA	NA	0.071	U	NA	NA	0.071	U
Aroclor 1242		53469-21-9	NE	NA	NA	0.071	U	NA	NA	0.071	U
Aroclor 1248		12672-29-6	NE	NA	NA	0.071	U	NA	NA	0.071	U
Aroclor 1254		11097-69-1	NE	NA	NA	0.071	U	NA	NA	0.071	U
Aroclor 1260		11096-82-5	NE	NA	NA	0.071	U	NA	NA	0.071	U
Aroclor 1262		37324-23-5	NE	NA	NA	0.071	U	NA	NA	0.071	U
Aroclor 1268		11100-14-4	NE	NA	NA	0.071	U	NA	NA	0.071	U
Total PCBs (Lab calculated)		1336-36-3	0.09	NA	NA	0.071	U	NA	NA	0.071	U
Volatile Organic Compounds	ug/L										
Acetone		67-64-1	50*	20 U	25 U	25 U		5 U	5 U	5 U	
Benzene		71-43-2	1	**72**	**41**	**19**		0.5 U	0.5 U	0.5 U	
Bromochloromethane		74-97-5	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Bromodichloromethane		75-27-4	50*	2 U	2.5 U	2.5 U		0.5 U	0.5 U	0.5 U	
Bromoform		75-25-2	50*	8 UJ	10 U	10 U		2 UJ	2 UJ	2 U	
Bromomethane		74-83-9	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Carbon disulfide		75-15-0	60*	20 U	25 U	25 U		5 U	5 U	5 U	
Carbon tetrachloride		56-23-5	5	2 U	2.5 U	2.5 U		0.5 U	0.5 U	0.5 U	
Chlorobenzene		108-90-7	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Chloroethane		75-00-3	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Chloroform (Trichloromethane)		67-66-3	7	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Chloromethane		74-87-3	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 UJ	
Cyclohexane		110-82-7	NE	**230**	**270**	**200**		**1.4** **J**	**0.38** **J**	10 U	
1,2-Dibromo-3-chloropropane		96-12-8	0.04	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Dibromochloromethane		124-48-1	50*	2 U	2.5 U	2.5 U		0.5 U	0.5 UJ	0.5 U	
1,2-Dibromoethane (EDB)		106-93-4	0.0006	8 U	10 U	10 U		2 U	2 U	2 U	
1,2-Dichlorobenzene (o-DCB)		95-50-1	3	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,3-Dichlorobenzene (m-DCB)		541-73-1	3	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,4-Dichlorobenzene (p-DCB)		106-46-7	3	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Dichlorodifluoromethane (Freon 12)		75-71-8	5	20 U	25 U	25 U		5 U	5 U	5 U	
1,1-Dichloroethane		75-34-3	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,2-Dichloroethane		107-06-2	0.6	2 U	2.5 U	2.5 U		0.5 U	0.5 U	0.5 U	
1,1-Dichloroethene		75-35-4	5	2 U	2.5 U	2.5 U		0.5 U	0.5 U	0.5 U	
cis-1,2-Dichloroethene		156-59-2	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
trans-1,2-Dichloroethene		156-60-5	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,2-Dichloropropane		78-87-5	1	4 U	5 U	5 U		1 U	1 U	1 U	
cis-1,3-Dichloropropene		10061-01-5	0.4	2 U	2.5 U	2.5 U		0.5 U	0.5 U	0.5 U	
trans-1,3-Dichloropropene		10061-02-6	0.4	2 U	2.5 U	2.5 U		0.5 U	0.5 U	0.5 U	
1,4-Dioxane		123-91-1	NE	1000 U	1,200 U	1,200 U		250 U	250 U	250 U	
Ethylbenzene		100-41-4	5	**500**	**780**	**600**		**1.4** **J**	2.5 U	2.5 U	
2-Hexanone		591-78-6	50*	20 U	25 U	25 U		5 U	5 U	5 UJ	
Isopropylbenzene		98-82-8	5	**54**	**100**	**96**		2.5 U	2.5 U	2.5 U	
Methyl acetate		79-20-9	NE	8 U	10 U	10 U		2 U	2 U	2 UJ	
Methyl ethyl ketone (2-Butanone)		78-93-3	50*	20 U	25 U	25 U		5 U	5 U	5 U	
Methyl tert-butyl ether (MTBE)		1634-04-4	10*	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	20 U	25 U	25 U		5 U	5 U	5 UJ	
Methylcyclohexane		108-87-2	NE	**160**	**180**	**120**		**2.2** **J**	**0.65** **J**	**0.4** **J**	
Methylene chloride		75-09-2	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Styrene		100-42-5	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,1,2,2-Tetrachloroethane		79-34-5	5	2 U	2.5 U	2.5 U		0.5 U	0.5 U	0.5 U	
Tetrachloroethene (PCE)		127-18-4	5	2 U	2.5 U	2.5 U		**0.3** **J**	0.5 U	0.5 U	
Tetrahydrofuran		109-99-9	50*	NA	NA	25 U		NA	NA	5 U	
Toluene		108-88-3	5	**11**	**11** **J**	**7.4** **J**		2.5 U	2.5 U	2.5 U	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,2,3-Trichlorobenzene		87-61-6	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,2,4-Trichlorobenzene		120-82-1	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,1,1-Trichloroethane (TCA)		71-55-6	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
1,1,2-Trichloroethane		79-00-5	1	6 U	7.5 U	7.5 U		1.5 U	1.5 U	1.5 U	
Trichloroethene (TCE)		79-01-6	5	2 U	2.5 U	2.5 U		0.5 U	0.5 U	0.5 U	
Trichlorofluoromethane (Freon 11)		75-69-4	5	10 U	12 U	12 U		2.5 U	2.5 U	2.5 U	
Vinyl chloride		75-01-4	2	**2** **J**	**0.58** **J**	5 U		1 U	1 U	1 U	
o-Xylene		95-47-6	5	**11**	**8.3** **J**	**6.9** **J**		2.5 U	2.5 U	2.5 U	
m/p-Xylene		179601-23-1	5	**40**	**42**	**30**		2.5 U	2.5 U	2.5 U	
Total VOCs		--	NE	**1,080**	**1,432.88**	**1,079.30**		**5.3**	**1.03**	**0.4**	

Table 1. Pre- and Post-Injection Groundwater Analysis Results
UniFirst Laundry Facility
Liverpool. NY

Notes:

Analytes in blue are not detected in any sample

ng/L = nanogram per liter (ppt)

s.u. = standard units

ug/L = micrograms per liter or parts per billion (ppb)

NYS AWQS = New York State Ambient Water Quality Standards and

* indicates the value is a guidance value and not a standard

CAS No. = Chemical Abstracts Service Number

ND = Not Detected

NE = Not Established

NA = Not Analyzed

Bolding indicates a detected result concentration

Shading indicates that the detected concentration is above the NYS AWQS guidance to which it was compared

Validation Qualifiers: Note validation performed by LDC

J = The result is an estimated value

R = The result is rejected

U = The result was not detected above the reporting limit.

UJ = The results was not detected at or above the reporting limit shown

Table 2a. Soil Non-Hazardous Waste Disposal Summary Material Tracking Log Seneca Meadows Landfill UniFirst Liverpool							
Date	**Ship To**	**Truck Lic. #**	**Transporter**	**Transporter Part 364 Permit ID**	**Manifest #**	**Actual Tons**	**Total Removed per Day**
10/25/2022	Seneca Meadows	NY311507	TJ Allen	6A-338	SM-1	40.71	--
10/25/2022	Seneca Meadows	NY239406	TJ Allen	6A-338	SM-2	32.09	--
10/25/2022	Seneca Meadows	NY155105	TJ Allen	6A-338	SM-3	37.07	--
10/25/2022	Seneca Meadows	NY311507	TJ Allen	6A-338	SM-4	42.82	--
10/25/2022	Seneca Meadows	NY115105	TJ Allen	6A-338	SM-5	38.69	--
10/25/2022	Seneca Meadows	NY239406	TJ Allen	6A-338	SM-6	35.91	--
10/25/2022	Seneca Meadows	NY256204	TJ Allen	6A-338	SM-7	40.86	--
10/25/2022	Seneca Meadows	NY239806	TJ Allen	6A-338	SM-8	36.19	--
10/25/2022	Seneca Meadows	NY297502	TJ Allen	6A-338	SM-9	42.24	--
							346.58
10/26/2022	Seneca Meadows	NY239406	TJ Allen	6A-338	SM-10	40.96	--
10/26/2022	Seneca Meadows	NY297502	TJ Allen	6A-338	SM-11	34.60	--
10/26/2022	Seneca Meadows	NY256804	TJ Allen	6A-338	SM-12	36.32	--
10/26/2022	Seneca Meadows	NY239206	TJ Allen	6A-338	SM-13	37.05	--
10/26/2022	Seneca Meadows	NY234406	TJ Allen	6A-338	SM-14	36.85	--
10/26/2022	Seneca Meadows	NY297502	TJ Allen	6A-338	SM-15	39.20	--
10/26/2022	Seneca Meadows	NY256204	TJ Allen	6A-338	SM-16	37.55	--
10/26/2022	Seneca Meadows	NY239806	TJ Allen	6A-338	SM-17	40.23	--
10/26/2022	Seneca Meadows	NY297502	TJ Allen	6A-338	SM-18	40.52	--
10/26/2022	Seneca Meadows	NY256804	TJ Allen	6A-338	SM-19	37.07	--
10/26/2022	Seneca Meadows	NY239806	TJ Allen	6A-338	SM-20	36.97	--
10/26/2022	Seneca Meadows	NY297502	TJ Allen	6A-338	SM-21	39.19	--
10/26/2022	Seneca Meadows	NY256804	TJ Allen	6A-338	SM-22a	35.59	--
							492.10
10/27/2022	Seneca Meadows	NY234406	TJ Allen	6A-338	SM-22b	34.50	--
10/27/2022	Seneca Meadows	NY115105	TJ Allen	6A-338	SM-23	39.21	--
10/27/2022	Seneca Meadows	NY259806	TJ Allen	6A-338	SM-24	36.46	--
10/27/2022	Seneca Meadows	NY115105	TJ Allen	6A-338	SM-25	39.68	--
10/27/2022	Seneca Meadows	NY234406	TJ Allen	6A-338	SM-26	38.08	--
10/27/2022	Seneca Meadows	NY254206	TJ Allen	6A-338	SM-27	35.30	--
10/27/2022	Seneca Meadows	NY256804	TJ Allen	6A-338	SM-28	35.76	--
10/27/2022	Seneca Meadows	NY115105	TJ Allen	6A-338	SM-29	39.74	--
10/27/2022	Seneca Meadows	NY234406	TJ Allen	6A-338	SM-30	35.42	--
10/27/2022	Seneca Meadows	NY254206	TJ Allen	6A-338	SM-31	29.03	--
10/27/2022	Seneca Meadows	NY256704	TJ Allen	6A-338	SM-32	39.46	--
							402.64
11/16/2022	Seneca Meadows	NY239406	TJ Allen	6A-338	SM-33	33.80	--
11/16/2022	Seneca Meadows	NY115105	TJ Allen	6A-338	SM-34	36.88	--
11/16/2022	Seneca Meadows	NY239606	TJ Allen	6A-338	SM-35	33.65	--
11/16/2022	Seneca Meadows	NY239406	TJ Allen	6A-338	SM-36	39.30	--
11/16/2022	Seneca Meadows	NY115105	TJ Allen	6A-338	SM-37	40.42	--
11/16/2022	Seneca Meadows	NY239606	TJ Allen	6A-338	SM-38	45.88	--
11/16/2022	Seneca Meadows	NY239406	TJ Allen	6A-338	SM-39	36.32	--
							266.25
11/17/2022	Seneca Meadows	NY311507	TJ Allen	6A-338	SM-40	41.63	--
11/17/2022	Seneca Meadows	NY115105	TJ Allen	6A-338	SM-41	42.70	--
11/17/2022	Seneca Meadows	NY239406	TJ Allen	6A-338	SM-42	36.10	--
11/17/2022	Seneca Meadows	NY311507	TJ Allen	6A-338	SM-43	39.63	--
11/17/2022	Seneca Meadows	NY115105	TJ Allen	6A-338	SM-44	38.89	--
11/17/2022	Seneca Meadows	NY297502	TJ Allen	6A-338	SM-45	37.63	--
11/17/2022	Seneca Meadows	NY256204	TJ Allen	6A-338	SM-46	33.60	--
11/17/2022	Seneca Meadows	NY239206	TJ Allen	6A-338	SM-47	32.11	--
							302.29
12/21/2022	Seneca Meadows	NY311507	TJ Allen	6A-338	SM-48	39.60	--
12/21/2022	Seneca Meadows	NY311507	TJ Allen	6A-338	SM-49	47.26	--
							86.86
3/30/2023	Seneca Meadows	NY2807D7	TJ Allen	6A-338	SM-50	36.80	--
3/30/2023	Seneca Meadows	NY3117D7	TJ Allen	6A-338	SM-51	44.17	--
3/30/2023	Seneca Meadows	NY2807D7	TJ Allen	6A-338	SM-52	44.07	--
3/30/2023	Seneca Meadows	NY311707	TJ Allen	6A-338	SM-53	41.44	--

Table 2a. Soil Non-Hazardous Waste Disposal Summary Material Tracking Log Seneca Meadows Landfill UniFirst Liverpool							
Date	**Ship To**	**Truck Lic. #**	**Transporter**	**Transporter Part 364 Permit ID**	**Manifest #**	**Actual Tons**	**Total Removed per Day**
							166.48
5/8/2023	Seneca Meadows	NY2568C4	TJ Allen	6A-338	SM-54	47.00	--
5/8/2023	Seneca Meadows	NY1151D5	TJ Allen	6A-338	SM-55	42.89	--
5/8/2023	Seneca Meadows	NY2398D6	TJ Allen	6A-338	SM-56	56.91	--
							146.80
5/9/2023	Seneca Meadows	NY2398D6	TJ Allen	6A-338	SM-57	46.25	--
5/9/2023	Seneca Meadows	NY2398D6	TJ Allen	6A-338	SM-58	36.32	--
							82.57
5/11/2023	Seneca Meadows	NY2398D6	TJ Allen	6A-338	SM-59	35.40	--
5/11/2023	Seneca Meadows	NY2398D6	TJ Allen	6A-338	SM-60	40.69	--
							76.09
5/24/2023	Seneca Meadows	NY2807D7	TJ Allen	6A-338	SM-61	40.17	--
5/24/2023	Seneca Meadows	NY2396D6	TJ Allen	6A-338	SM-62	39.59	--
5/24/2023	Seneca Meadows	NY2150D8	TJ Allen	6A-338	SM-63	36.04	--
5/24/2023	Seneca Meadows	NY3116D7	TJ Allen	6A-338	SM-64	40.89	--
5/24/2023	Seneca Meadows	NY1151D5	TJ Allen	6A-338	SM-65	38.75	--
5/24/2023	Seneca Meadows	NY3115D7	TJ Allen	6A-338	SM-66	43.05	--
5/24/2023	Seneca Meadows	NY2807D7	TJ Allen	6A-338	SM-67	43.34	--
5/24/2023	Seneca Meadows	NY2396D6	TJ Allen	6A-338	SM-68	38.90	--
5/24/2023	Seneca Meadows	NY2150D8	TJ Allen	6A-338	SM-69	43.81	--
							364.54
5/25/2023	Seneca Meadows	NY3115D7	TJ Allen	6A-338	SM-70	29.20	--
5/25/2023	Seneca Meadows	NY2394D6	TJ Allen	6A-338	SM-71	38.79	--
5/25/2023	Seneca Meadows	NY2398D6	TJ Allen	6A-338	SM-72	37.10	--
5/25/2023	Seneca Meadows	NY3115D7	TJ Allen	6A-338	SM-73	42.23	--
5/25/2023	Seneca Meadows	NY2394D6	TJ Allen	6A-338	SM-74	41.33	--
5/25/2023	Seneca Meadows	NY2398D6	TJ Allen	6A-338	SM-75	39.82	--
							228.47
5/26/2023	Seneca Meadows	NY3115D7	TJ Allen	6A-338	SM-76	35.04	--
5/26/2023	Seneca Meadows	UK	TJ Allen	6A-338	SM-77	42.37	--
5/26/2023	Seneca Meadows	NY2150D8	TJ Allen	6A-338	SM-78	35.30	--
							112.71
5/30/2023	Seneca Meadows	NY2807D7	TJ Allen	6A-338	SM-79	41.86	--
5/30/2023	Seneca Meadows	NY2394D6	TJ Allen	6A-338	SM-80	48.16	--
5/30/2023	Seneca Meadows	NY2394D6	TJ Allen	6A-338	SM-81	50.70	--
							140.72
					Total Actual Tons =	**3215.10**	

UK=unknown (not included on facility copies of manifests)

Table 2b. Soil Non-Hazardous Waste Disposal Summary						
Material Tracking Log						
Camillus Landfill						
UniFirst Liverpool						
Date	**Ship To**	**Truck ID #**	**Transporter**	**Manifest #**	**Actual Tons**	**Total Removed per Day**
5/31/2023	Camillus Landfill	Truck 352	Riccelli	095205	27.42	--
5/31/2023	Camillus Landfill	Truck 338	Riccelli	083112	25.34	--
5/31/2023	Camillus Landfill	Truck 335	Riccelli	099169	27.57	--
5/31/2023	Camillus Landfill	Truck 352	Riccelli	099171	15.13	--
5/31/2023	Camillus Landfill	Truck 338	Riccelli	097598	15.39	--
5/31/2023	Camillus Landfill	Truck 335	Riccelli	099170	15.41	--
5/31/2023	Camillus Landfill	Truck 352	Riccelli	099173	22.60	--
5/31/2023	Camillus Landfill	Truck 338	Riccelli	097599	22.50	--
5/31/2023	Camillus Landfill	Truck 335	Riccelli	099592	22.40	--
5/31/2023	Camillus Landfill	Truck 352	Riccelli	099174	18.37	--
5/31/2023	Camillus Landfill	Truck 338	Riccelli	097620	18.87	--
5/31/2023	Camillus Landfill	Truck 335	Riccelli	099591	19.15	--
5/31/2023	Camillus Landfill	Truck 352	Riccelli	099175	17.01	--
5/31/2023	Camillus Landfill	Truck 338	Riccelli	083109	19.77	--
5/31/2023	Camillus Landfill	Truck 335	Riccelli	099587	19.01	--
5/31/2023	Camillus Landfill	Truck 352	Riccelli	099176	19.80	--
5/31/2023	Camillus Landfill	Truck 338	Riccelli	083110	20.40	--
5/31/2023	Camillus Landfill	Truck 335	Riccelli	099588	21.46	--
5/31/2023	Camillus Landfill	Truck 352	Riccelli	099177	19.30	--
5/31/2023	Camillus Landfill	Truck 338	Riccelli	083111	23.44	--
5/31/2023	Camillus Landfill	Truck 335	Riccelli	099589	24.54	--
5/31/2023	Camillus Landfill	Truck 352	Riccelli	UK	22.99	--
5/31/2023	Camillus Landfill	Truck 338	Riccelli	UK	18.83	--
5/31/2023	Camillus Landfill	Truck 335	Riccelli	UK	24.72	--
						501.42
6/1/2023	Camillus Landfill	Truck 338	Riccelli	097610	18.49	--
6/1/2023	Camillus Landfill	Truck 352	Riccelli	099181	22.06	--
6/1/2023	Camillus Landfill	Truck 335	Riccelli	098125	15.13	--
6/1/2023	Camillus Landfill	Truck 338	Riccelli	097611	22.72	--
6/1/2023	Camillus Landfill	Truck 352	Riccelli	099182	22.88	--
6/1/2023	Camillus Landfill	Truck 338	Riccelli	097612	26.66	--
6/1/2023	Camillus Landfill	Truck 352	Riccelli	099167	27.40	--
6/1/2023	Camillus Landfill	Truck 338	Riccelli	097613	28.94	--
6/1/2023	Camillus Landfill	Truck 352	Riccelli	099178	27.98	--
6/1/2023	Camillus Landfill	Truck 338	Riccelli	097614	17.00	--
6/1/2023	Camillus Landfill	Truck 352	Riccelli	099168	19.14	--
6/1/2023	Camillus Landfill	Truck 338	Riccelli	097615	16.03	--
6/1/2023	Camillus Landfill	Truck 352	Riccelli	099179	19.33	--
6/1/2023	Camillus Landfill	Truck 338	Riccelli	097616	22.97	--
6/1/2023	Camillus Landfill	Truck 352	Riccelli	UK	19.32	--
6/1/2023	Camillus Landfill	Truck 338	Riccelli	UK	15.75	--
						341.80
6/7/2023	Camillus Landfill	Truck 352	Riccelli	098326	21.81	--
6/7/2023	Camillus Landfill	Truck 78	Riccelli	093459	19.61	--
6/7/2023	Camillus Landfill	Truck 331	Riccelli	093462	18.58	--
6/7/2023	Camillus Landfill	Truck 352	Riccelli	098331	17.92	--
6/7/2023	Camillus Landfill	Truck 78	Riccelli	093465	22.59	--
6/7/2023	Camillus Landfill	Truck 331	Riccelli	093466	19.00	--
6/7/2023	Camillus Landfill	Truck 352	Riccelli	098330	24.53	--
6/7/2023	Camillus Landfill	Truck 78	Riccelli	093460	24.08	--
6/7/2023	Camillus Landfill	Truck 331	Riccelli	093467	23.01	--
6/7/2023	Camillus Landfill	Truck 352	Riccelli	098329	18.31	--
6/7/2023	Camillus Landfill	Truck 78	Riccelli	093461	25.23	--
6/7/2023	Camillus Landfill	Truck 331	Riccelli	093468	26.41	--
6/7/2023	Camillus Landfill	Truck 352	Riccelli	099214	20.27	--
6/7/2023	Camillus Landfill	Truck 78	Riccelli	093463	19.86	--
6/7/2023	Camillus Landfill	Truck 331	Riccelli	093469	21.30	--
						322.51
				Total Actual Tons =	**1165.73**	

UK=unknown (not included on facility copies of manifests)

Table 2c. Soil Hazardous Waste Disposal Summary								
Material Tracking Log								
Englobe UniFirst Liverpool								
Date	**Ship To**	**Truck Lic. #**	**Transporter**	**Manifest # USA**	**Manifest # Canada**	**Actual kg**	**Total Removed per Day (kg)**	**Total Removed per Day (tons)**
1/25/2023	Englobe Montreal-East	PA46746	Laidlaw Carriers	022213129JJK	QX00779-6	28670	28670	31.60
2/1/2023	Englobe Montreal-East	PA46746	Laidlaw Carriers	022213128JJK	QW00779-7	36850	36850	40.62
						Total Actual Tons =		**72.22**

Table 2d. Dewatering Effluent Non-Hazardous Waste Disposal Summary Material Tracking Log Onondaga County DWEP & American Recyclers Company UniFirst Liverpool						
Date	**Ship To Facility**	**Truck ID**	**Transporter**	**Transporter Part 364 Permit ID**	**Manifest #**	**Est. Gallons**
11/UK/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-UK	UK
11/UK/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-UK	UK
11/UK/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-UK	UK
11/UK/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-UK	UK
11/UK/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-UK	UK
11/UK/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-UK	UK
11/30/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-13726	8000
11/30/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-13727	8000
11/30/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-13728	4500
12/14/2022	Onondaga County DWEP	304404	Sun Env'tl	7A-709	SUN-13729	5000
12/14/2022	Onondaga County DWEP	304404	Sun Env'tl	7A-709	SUN-14171	5000
12/14/2022	Onondaga County DWEP	304404	Sun Env'tl	7A-709	SUN-14170	5000
12/15/2022	Onondaga County DWEP	304404	Sun Env'tl	7A-709	SUN-14172	3000
12/19/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-14210	5000
12/19/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-14211	5000
12/19/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-14212	5000
12/19/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-14213	5000
12/20/2022	Onondaga County DWEP	306	Sun Env'tl	7A-709	SUN-14252	2400
12/28/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-14254	4963
12/29/2022	Onondaga County DWEP	UK	Sun Env'tl	7A-709	SUN-14255	4926
1/3/2023	American Recyclers Company	UK	Sun Env'tl	7A-709	SUN-15028	5000
1/6/2023	American Recyclers Company	UK	Sun Env'tl	7A-709	SUN-14258	4200

*This summary may not include all dewatering fluid that was disposed as non-hazardous waste, and actual volume was not legible on all manifests, therefore a total volume has not been calculated

UK=unknown (either not included or illegible on copies of manifests available to GEI)

Table 2e. Dewatering Effluent Hazardous Waste Disposal Summary							
Material Tracking Log Tradebee UniFirst Liverpool							
Date	**Ship To Facility**	**Transporter**	**Transporter Part 364 Permit ID**	**Manifest #**	**Est. Gallons**	**Actual Gallons**	**Certificate of Destruction Received**
8/12/2022	Norlite LLC	Sun Environmental	NYR000176958	016495057 FLE	5000	5728	Yes
8/19/2022	Norlite LLC	Sun Environmental	NYR000176958	016495053 FLE	5000	5629	Yes
				Total Actual Gallons =		**11357**	

Table 2e. Wastewater Vault Non-Hazardous Waste Disposal Summary					
Material Tracking Log Chaffee Landfill UniFirst Liverpool					
Date	**Ship To Facility**	**Transporter**	**Transporter Part 364 Permit ID**	**Manifest #**	**Est. Tons**
8/23/2023	Chaffee Landfill	Sun Environmental	NYR000176958	SUN-16811	10

Figures

Figure 1 Site Location Map

Figure 2 Site Plan

Figure 3 Injection Location Map

Figure 4 Post Start-Up Sub-Slab Pressure Measurements

Figure 5 Post Start-Up Air Sampling Results

Figure 6 Summarized Groundwater Analytical Results - CVOCs



SOURCE:

USGS TOPOGRAPHIC QUADRANGLE, 7.5 MINUTE SERIES: SYRACUSE WEST, NY, 2023
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
10-FOOT CONTOUR INTERVAL

Phase 2 Construction Completion Report 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	March 2026 Fig. 1

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LEGEND:

- SOIL VAPOR SAMPLING POINT
- MONITORING WELL BY GEI
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- MONITORING WELL (DECOMMISSIONED)
- TEMPORARY WELL (DECOMMISSIONED)
- STACK ACCESS (AT FLOOR PENETRATION)
- ROOF-MOUNTED BLOWER
- AREA WHERE SOIL GENERATED FROM PHASE 2 CONSTRUCTION- RELATED EXCAVATION WAS DISPOSED AS HAZARDOUS WASTE
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTE:

ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.

SOURCES:

1. LOCATION OF GEI WELLS INSTALLED IN 2023 WERE SURVEYED BY WARREN RAMIE SURVEYING ON 11/10/2023.
2. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-2 REV. 12 DATED 07.05.22. AND L2.1 REV 4 DATED 11.05.19 . PREPARED BY KEPLINGER FREEMAN ASSOCIATES.
3. SURVEY OF PROPERTIES SOUTH OF SITE BY WARREN RAMIE, PROVIDED IN A FILE NAMED "WRS 7th North Street Boundary 08.15.23.dwg".
4. NEARMAP AERIAL ©2024 NEARMAP, IMAGERY DATED 05/07/2024, ACCESSED ON 08/15/2024.

0 60 120

SCALE: 1" = 60'

Phase 2 Construction Completion Report
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

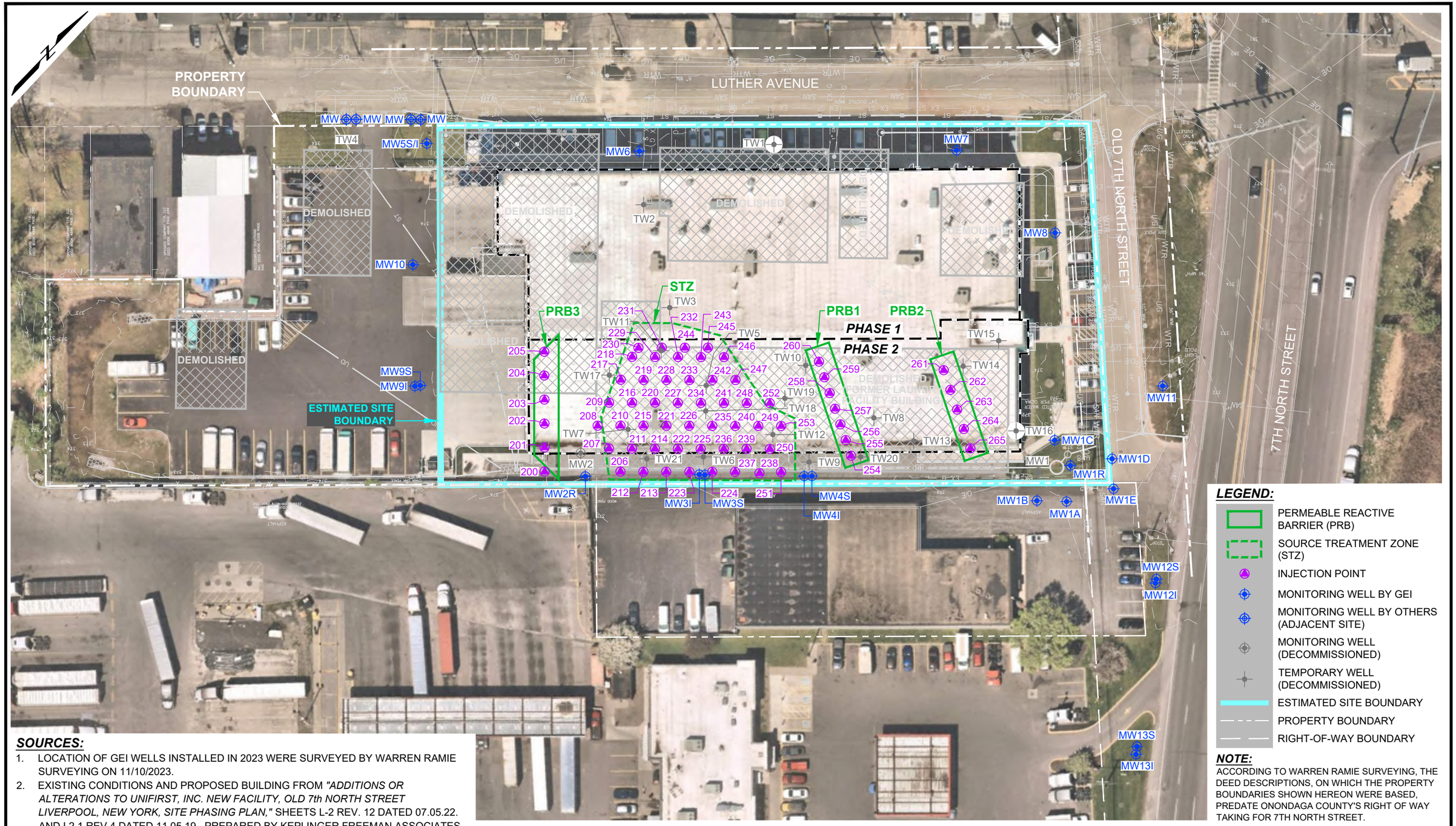
GEI Consultants

SITE PLAN

Project 2001642

March 2026 Fig. 2

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LEGEND:

- PERMEABLE REACTIVE BARRIER (PRB)
- SOURCE TREATMENT ZONE (STZ)
- INJECTION POINT
- MONITORING WELL BY GEI
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- MONITORING WELL (DECOMMISSIONED)
- TEMPORARY WELL (DECOMMISSIONED)
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTE:

ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.

SOURCES:

1. LOCATION OF GEI WELLS INSTALLED IN 2023 WERE SURVEYED BY WARREN RAMIE SURVEYING ON 11/10/2023.
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3. SURVEY OF PROPERTIES SOUTH OF SITE BY WARREN RAMIE, PROVIDED IN A FILE NAMED "WRS 7th North Street Boundary 08.15.23.dwg".
4. NEARMAP AERIAL ©2024 NEARMAP, IMAGERY DATED 05/07/2024, ACCESSED ON 08/15/2024.
5. LOCATION OF INJECTION POINTS WERE SURVEYED BY WARREN RAMIE SURVEYING ON 08/15/2022.

0 60 120

SCALE: 1" = 60'

Phase 2 Construction Completion Report
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

Project 2001642

INJECTION LOCATION MAP

March 2026 Fig. 3

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MP4D	1/18/2024	12/12/2024	3/20/2025	6/16/2025	12/10/2025
"WC	-0.64	-1.09	-0.562	-0.854	-0.624

MP2D	1/19/2024	12/12/2024	3/20/2025	6/16/2025	12/10/2025
"WC	NM	NM	-0.775	-1.04	-0.840

MP1D	1/18/2024	12/12/2024	3/20/2025	6/16/2025	12/10/2025
"WC	-0.35	-0.575	-0.149	-0.564	-0.399

MP3D	1/17/2024	12/12/2024	3/20/2025	6/16/2025	12/10/2025
"WC	-0.93	-1.495	-0.865	-1.05	-0.780

MP5D	1/18/2024	12/12/2024	3/20/2025	6/16/2025	12/10/2025
"WC	-0.80	-1.42	-0.789	-0.945	-0.732

MP6D*	1/19/2024	12/12/2024	3/20/2025	6/26/2025	1/8/2026
"WC	-0.03	-0.001	-0.002	-0.111	-0.013

MP7D	1/19/2024	12/12/2024	3/20/2025	6/16/2025	12/10/2025
"WC	NM	NM	-0.170	-0.626	-0.457

MP8D	1/19/2024	12/12/2024	3/20/2025	6/16/2025	12/10/2025
"WC	NM	NM	-0.110	-0.508	-0.386

PROPERTY BOUNDARY

LUTHER AVENUE

OLD 7TH NORTH STREET

7TH NORTH STREET

DEMOLISHED

DEMOLISHED

DEMOLISHED

DEMOLISHED

DEMOLISHED (FORMER LAUNDRY FACILITY BUILDING)

PHASE 1

PHASE 2

ESTIMATED SITE BOUNDARY

MP1S/D

MP2S/D

MP3

MP4

MP5S/D

MP6

MP7

MP8S/D

LEGEND:

- SOIL VAPOR SAMPLING POINT
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTES:

1. "WC = INCHES OF WATER COLUMN.
2. NM = NOT MEASURED. MONITORING POINTS MP2D, MP7D AND MP8D WERE NOT MEASURED DURING THE JANUARY 2024 EVENT BECAUSE THEY WERE INACCESSIBLE AND DAMAGED PRIOR TO REPAIRS THAT WERE CONDUCTED IN MARCH 2025.

SOURCES:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-2 REV. 12 DATED 07.05.22. AND L2.1 REV 4 DATED 11.05.19 . PREPARED BY KEPLINGER FREEMAN ASSOCIATES.
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SCALE: 1" = 60'

Phase 2 Construction Completion Report
113 7th North Street
Liverpool, New York

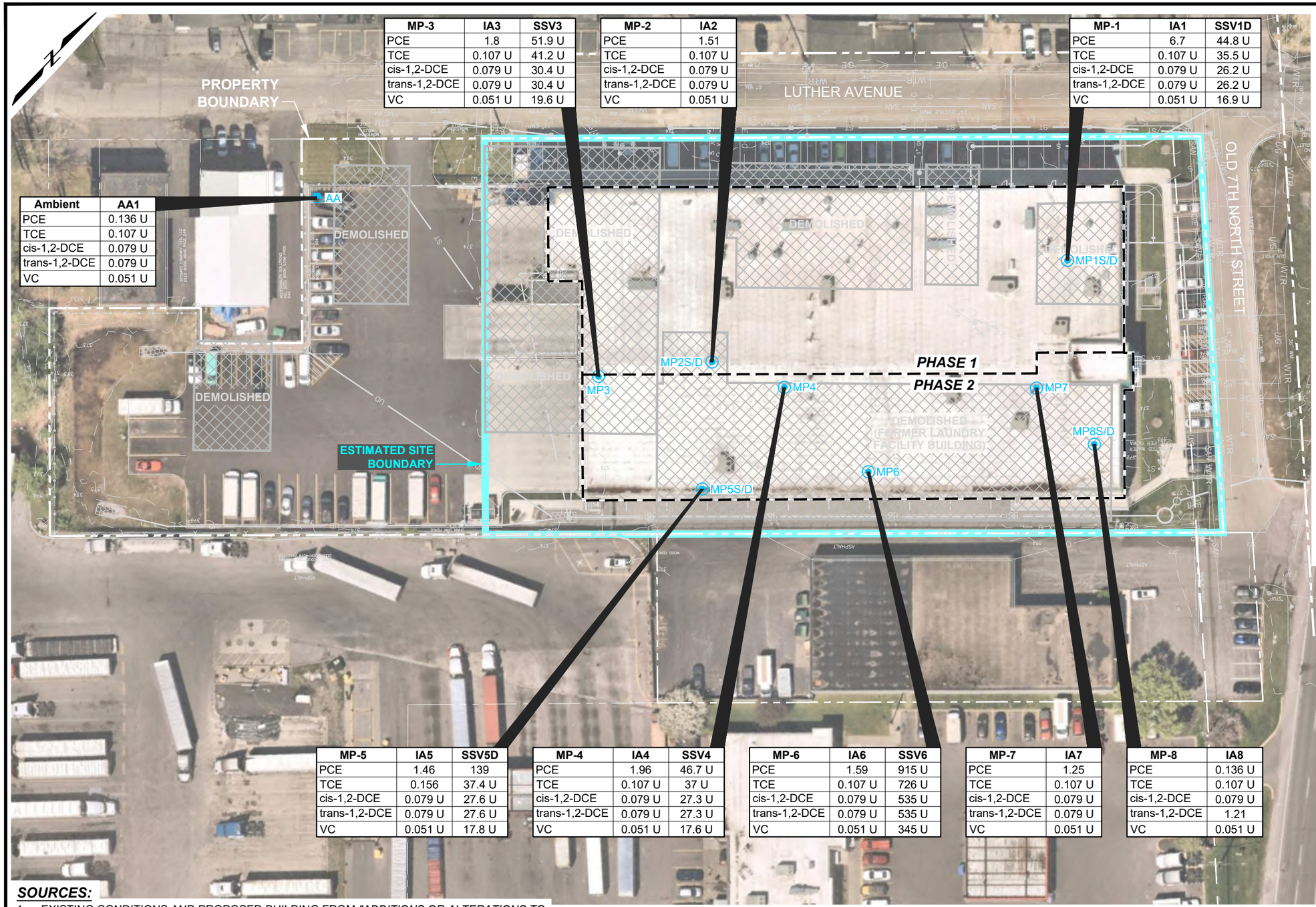
Unifirst Liverpool
Liverpool, New York

GEI Consultants

POST-STARTUP SUB-SLAB PRESSURE MEASUREMENTS

Project 2001642 | March 2026 | Fig. 4

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MP-3	IA3	SSV3
PCE	1.8	51.9 U
TCE	0.107 U	41.2 U
cis-1,2-DCE	0.079 U	30.4 U
trans-1,2-DCE	0.079 U	30.4 U
VC	0.051 U	19.6 U

MP-2	IA2
PCE	1.51
TCE	0.107 U
cis-1,2-DCE	0.079 U
trans-1,2-DCE	0.079 U
VC	0.051 U

MP-1	IA1	SSV1D
PCE	6.7	44.8 U
TCE	0.107 U	35.5 U
cis-1,2-DCE	0.079 U	26.2 U
trans-1,2-DCE	0.079 U	26.2 U
VC	0.051 U	16.9 U

Ambient	AA1
PCE	0.136 U
TCE	0.107 U
cis-1,2-DCE	0.079 U
trans-1,2-DCE	0.079 U
VC	0.051 U

MP-5	IA5	SSV5D
PCE	1.46	139
TCE	0.156	37.4 U
cis-1,2-DCE	0.079 U	27.6 U
trans-1,2-DCE	0.079 U	27.6 U
VC	0.051 U	17.8 U

MP-4	IA4	SSV4
PCE	1.96	46.7 U
TCE	0.107 U	37 U
cis-1,2-DCE	0.079 U	27.3 U
trans-1,2-DCE	0.079 U	27.3 U
VC	0.051 U	17.6 U

MP-6	IA6	SSV6
PCE	1.59	915 U
TCE	0.107 U	726 U
cis-1,2-DCE	0.079 U	535 U
trans-1,2-DCE	0.079 U	535 U
VC	0.051 U	345 U

MP-7	IA7
PCE	1.25
TCE	0.107 U
cis-1,2-DCE	0.079 U
trans-1,2-DCE	0.079 U
VC	0.051 U

MP-8	IA8
PCE	0.136 U
TCE	0.107 U
cis-1,2-DCE	0.079 U
trans-1,2-DCE	1.21
VC	0.051 U

LEGEND:

- AMBIENT (OUTDOOR) AIR SAMPLING POINT
- SOIL VAPOR SAMPLING POINT
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTES:

1. "SSV" DESIGNATED IDs ARE SUB-SLAB SOIL VAPOR SAMPLES. "IA" DESIGNATED IDs ARE INDOOR AIR SAMPLES. (INDOOR AIR SAMPLES WERE COLLECTED AT BREATHING HEIGHT, CO-LOCATED WITH THE SOIL VAPOR SAMPLES.)
2. INDOOR AIR (IA) AND SUB-SLAB VAPOR (SSV) RESULTS ARE REPORTED IN $\mu g/m^3$. GROUNDWATER RESULTS ARE REPORTED IN µg/L.
3. IA AND SSV SAMPLES WERE COLLECTED ON JANUARY 17 & 18, 2024.
4. PCE = TETRACHLOROETHENE.
5. TCE = TRICHLOROETHENE.
6. DCE = DICHLOROETHENE.
7. VC = VINYL CHLORIDE.
8. CHLORINATED VOLATILE ORGANIC COMPOUNDS (CVOC) RESULTS ARE SUMMARIZED ON THIS FIGURE BECAUSE THEY ARE THE PRIMARY SITE CONSTITUENTS OF CONCERN. OTHER VOCS WERE DETECTED IN CERTAIN SAMPLES. REFER TO THE VI DATA TABLES AND GROUNDWATER SAMPLING SUMMARY REPORTS.
9. ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.

SOURCES:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-2 REV. 12 DATED 07.05.22. AND L2.1 REV 4 DATED 11.05.19 . PREPARED BY KEPLINGER FREEMAN ASSOCIATES.
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SCALE: 1" = 60'

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113 7th North Street
Liverpool, New York

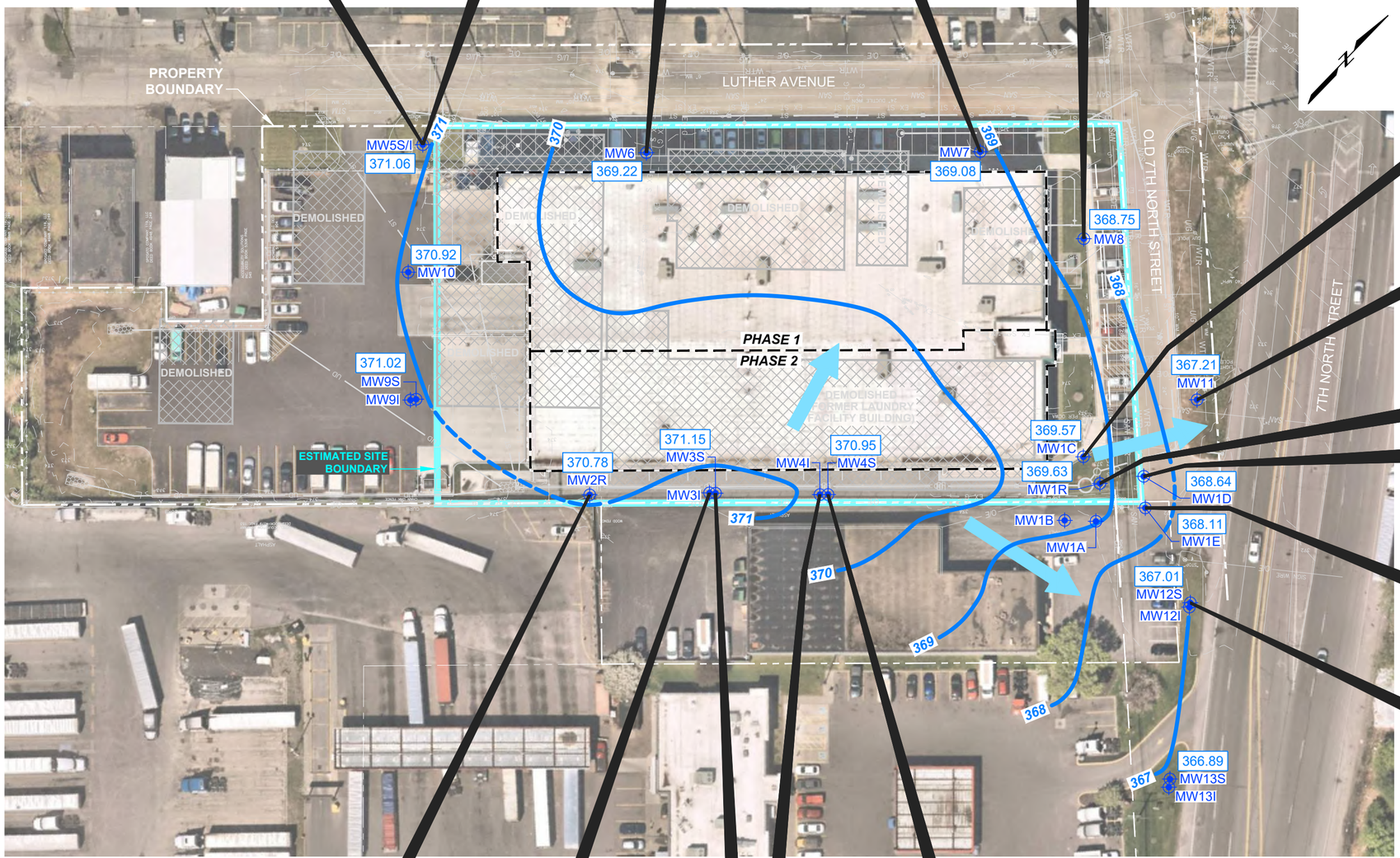
Unifirst Liverpool
Liverpool, New York

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POST-STARTUP AIR SAMPLING RESULTS

Project 2001642 | March 2026 | Fig. 5

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MW5S	9/24/2025
PCE	10 U
TCE	10 U
cis-1,2-DCE	10 U
trans-1,2-DCE	10 U
Vinyl chloride	10 U
Total VOCs*	**1,057 J**

MW5I	9/24/2025
PCE	1 U
TCE	1 U
cis-1,2-DCE	1 U
trans-1,2-DCE	1 U
Vinyl chloride	1 U
Total VOCs*	ND

MW6	9/23/2025
PCE	1 U
TCE	1 U
cis-1,2-DCE	1 U
trans-1,2-DCE	1 U
Vinyl chloride	1 U
Total VOCs	ND

MW7	9/23/2025
PCE	1 U
TCE	1 U
cis-1,2-DCE	1 U
trans-1,2-DCE	1 U
Vinyl chloride	**13**
Total VOCs	**13**

MW8	9/24/2025
PCE	1 U
TCE	1 U
cis-1,2-DCE	1 U
trans-1,2-DCE	1 U
Vinyl chloride	1 U
Total VOCs	**3.5 J**

MW1C	9/25/2025
PCE	1 U
TCE	1 U
cis-1,2-DCE	1 U
trans-1,2-DCE	1 U
Vinyl chloride	1 U
Total VOCs	**5.6 J**

MW11	9/24/2025
PCE	1 U
TCE	1 U
cis-1,2-DCE	1 U
trans-1,2-DCE	1 U
Vinyl chloride	1 U
Total VOCs	ND

MW1R	9/24/2025
PCE	10 U
TCE	10 U
cis-1,2-DCE	10 U
trans-1,2-DCE	10 U
Vinyl chloride	10 U
Total VOCs	**5.1 J**

MW1D	9/25/2025
PCE	**540**
TCE	**210**
cis-1,2-DCE	**990**
trans-1,2-DCE	20 U
Vinyl chloride	**28**
Total VOCs	**1,768**

MW1E	9/25/2025
PCE	**3,600**
TCE	**1,100**
cis-1,2-DCE	**2,900**
trans-1,2-DCE	100 U
Vinyl chloride	100 U
Total VOCs	**7,600**

MW12S	9/24/2025
PCE	1 U
TCE	1 U
cis-1,2-DCE	**2.3**
trans-1,2-DCE	1 U
Vinyl chloride	**1.5**
Total VOCs	**3.8**

MW2R	9/24/2025
PCE	**6.7**
TCE	**4.4**
cis-1,2-DCE	**39**
trans-1,2-DCE	**1.7**
Vinyl chloride	**3.9**
Total VOCs	**55.7**

MW3I	9/24/2025
PCE	1 U
TCE	**0.53 J**
cis-1,2-DCE	**2.9**
trans-1,2-DCE	1 U
Vinyl chloride	**8.4**
Total VOCs	**11.8 J**

MW3S	9/24/2025
PCE	2,000 U
TCE	2,000 U
cis-1,2-DCE	**160,000**
trans-1,2-DCE	2,000 U
Vinyl chloride	**120,000**
Total VOCs	**280,000**

MW4I	9/24/2025
PCE	**20 J**
TCE	40 U
cis-1,2-DCE	**3,800**
trans-1,2-DCE	40 U
Vinyl chloride	**550**
Total VOCs	**4,406 J**

MW4S	9/24/2025
PCE	**85,000**
TCE	**4,100**
cis-1,2-DCE	**8,100**
trans-1,2-DCE	2,000 U
Vinyl chloride	2,000 U
Total VOCs	**97,200**

LEGEND:

- 370 — GROUNDWATER CONTOUR DASHED WHERE INFERRED (FEET AMSL) - 9/23/2025
- 367.01 — GROUNDWATER ELEVATION (FEET AMSL) - 9/23/2025
- INFERRED GROUNDWATER FLOW DIRECTION
- MONITORING WELL
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

ANALYTICAL BOXES

µg/L	MICROGRAMS PER LITER (ALL RESULTS ARE PRESENTED IN µg/L)
ND	NOT DETECTED
J	RESULT IS AN ESTIMATED VALUE
U	RESULT WAS NOT DETECTED ABOVE THE REPORTING LIMIT
540	COMPOUND EXCEEDS NYS AMBIENT WATER QUALITY STANDARDS

CVOC NYS AWQS	
Analyte	Standard (µg/L)
Tetrachloroethene (PCE)	5
Trichloroethene (TCE)	5
cis-1,2-Dichloroethene	5
trans-1,2-Dichloroethene	5
Vinyl chloride	2

NOTES:

1. PCE = TETRACHLOROETHENE.
2. TCE = TRICHLOROETHENE.
3. DCE = DICHLOROETHENE.
4. VC = VINYL CHLORIDE.
5. CHLORINATED VOLATILE ORGANIC COMPOUNDS (CVOC) RESULTS ARE SUMMARIZED ON THIS FIGURE BECAUSE THEY ARE THE PRIMARY SITE CONSTITUENTS OF CONCERN. OTHER VOCS WERE DETECTED IN CERTAIN SAMPLES. REFER TO THE VI DATA TABLES AND GROUNDWATER SAMPLING SUMMARY REPORTS.
6. ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.
7. CVOC DATA FOR THE SEPTEMBER 2025 GROUNDWATER SAMPLE COLLECTED FROM EACH WELL IS REPORTED HEREIN.

SOURCES:

1. LOCATION OF GEI WELLS INSTALLED IN 2023 WERE SURVEYED BY WARREN RAMIE SURVEYING ON 11/10/2023.
2. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-2 REV. 12 DATED 07.05.22. AND L2.1 REV 4 DATED 11.05.19 . PREPARED BY KEPLINGER FREEMAN ASSOCIATES.
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4. NEARMAP AERIAL ©2024 NEARMAP, IMAGERY DATED 05/07/2024, ACCESSED ON 08/15/2024.

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SCALE, FEET

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113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

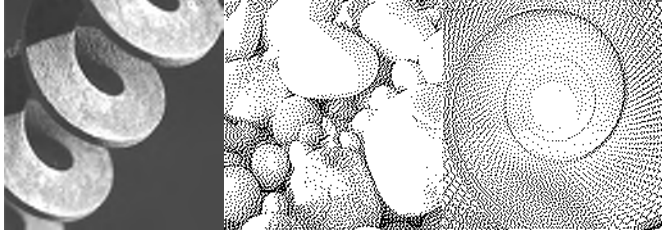
GEI Consultants

GROUNDWATER ANALYTICAL RESULTS - CVOCs

Project 2001642 | March 2026 | Fig. 6

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Appendix A Excavation Work Plan



GEI Consultants

Consulting
Engineers and
Scientists

Excavation Work Plan

UniFirst Corporation
113 7th North Street
Liverpool, New York

Submitted to:
UniFirst Corporation
68 Jonspin Road
Wilmington, MA 01881

Submitted by:
GEI Consultants, Inc.
400 Unicorn Park Drive
Woburn, MA 01801
781-721-4000

July 2022
Project 2001642

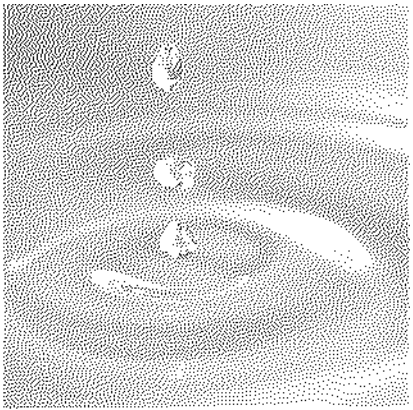


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A. NYSDOH Generic CAMP
B. Site Related Contact Information

1. Introduction

This Excavation Work Plan (EWP) was prepared on behalf of Unifirst Corporation to provide plans and procedures for the proper handling of impacted media that may be disturbed during maintenance and/or redevelopment work on UniFirst's Property located at the corner of Old 7th North Street and Luther Avenue in Liverpool, Onondaga County, New York (Figures 1 and 2).

Due to the presence of chlorinated volatile organic compounds (CVOCs) in soil and groundwater within a portion of this Property (discussed in Section 1.1), it was registered with the New York State Department of Environmental Protection (NYSDEC) as Brownfield Cleanup Program (BCP) Site No. C734152 in October 2021, and UniFirst is a "Participant" in this program as defined by ECL 27 1405(1)(a) of the BCP.

Site Description

Since being acquired by UniFirst in the mid-1960s, the original facility has been operated as an industrial laundry and is currently being redeveloped, a project that will ultimately result in a new, larger laundry facility.

The Property is currently made up of the original industrial laundry facility parcel and several additional adjacent parcels located along Luther Avenue that UniFirst acquired over the years. The Property is approximately 3.25 acres, currently improved with a new 31,000 square foot building located along Luther Avenue (completed in early 2022; referred to hereafter as the "Phase 1" of the new laundry facility), and is in a commercial / industrial-zoned area. Currently, Phase 2 of the new laundry facility is under construction in the area of the original laundry facility (the original facility was demolished in 2022 and Phase 2 is being constructed in its place). The other areas of the Property are currently reworked soil, covered by gravel, or paved. There is a fence along the southwestern property line, limiting access to the Property from the adjacent truck stop and gas station.

In support of this construction, environmental investigations conducted between April 2020 and present, to evaluate the nature and extent of potential release(s) to the environment due to dry cleaning previously performed in the industrial laundry facility and evaluate construction may be impacted by these potential releases. CVOCs were identified in soil and groundwater near and downgradient of a former wastewater pit, the source of which is likely PCE (which was reportedly used as the dry cleaning solvent during historical operations) in wastewater historically processed through the former wastewater pit.

Applicability

This EWP outlines the procedures required to be implemented in the event that intrusive activities occur within the Site limits (Figure 2). Work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in the New York State Department of Health (NYSDOH) Community Air Monitoring Plan (CAMP) (Appendix A) and Site-specific Health and Safety Plan(s) (HASP[s]) prepared the entity(ies) working onsite for the specific work being conducted. Work is to be overseen by a qualified environmental professional as defined in 6 NYCRR Part 375, a Professional Engineer (PE) who is licensed and registered in New York State, or a qualified person who directly reports to a PE who is licensed and registered in New York State.

2. Notification

At least 15 days prior to the start of any activity that is anticipated to encounter Site impacts, the site owner or their representative will notify the NYSDEC. Table 1 includes contact information for the above notification. The information on this table will be updated as necessary to provide accurate contact information. A full listing of site-related contact information is provided in Appendix B.

Table 1: Notifications*

Michael Belveg NYSDEC Project Manager	315.426.7446 michael.belveg@dec.ny.gov NYSDEC Region 7 615 Erie Boulevard West Syracuse, New York 13204
Johnathan Robinson NYSDOH Project Manager	518.402.7881 Johnathan.Robinson@health.ny.gov Empire State Plaza Corning Tower Room #1787 Albany, New York 12237

* Note: Notifications are subject to change and will be updated, as necessary.

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent of excavation, plans/drawings for site re-grading, intrusive elements or utilities and estimated volumes of impacted soil to be excavated, and modifications of truck routes (if applicable);
- A summary of environmental conditions anticipated to be encountered in the work areas, including the nature and concentration levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling;
- A schedule for the work, detailing the start and completion of all intrusive work;
- A summary of the applicable components of this EWP;
- A statement that the work will be performed in compliance with this EWP and 29 CFR 1910.120;
- A copy of the contractor's health and safety plan (HASP), in electronic format.
- Identification of disposal facilities for potential waste streams; and

- Identification of sources of any anticipated backfill, along with the required request to import form and all supporting documentation including, but not limited to, chemical testing results.

The NYSDEC project manager will review the notification and may impose additional requirements for the excavation that are not listed in this EWP.

3. Soil Screen Methods

Visual, olfactory and instrument-based (e.g. photoionization detector) soil screening will be performed by a qualified environmental professional (as defined in 6 NYCRR Part 375) during all excavations into known or potentially impacted material. Currently, the area of known contaminated material is around and downgradient from (i.e., west of) the existing wastewater pit. Soil screening will be performed when invasive work is done and will include all excavation and intrusive work performed during development, such as excavations for foundations and utility work, prior to issuance of the Certificate of Completion (COC).

Soils will be segregated based on previous environmental data and screening results into material that requires off-site disposal and material that requires testing to determine if the material can be reused on-site as soil beneath a cover (building or pavement). Further discussion of off-site disposal of materials and on-site reuse is provided in Sections 7 and 8.

4. Soil Staging Methods

Temporary stockpiled soil (excavated soils stockpiled for less than 24-hours) will be loaded directly into trucks. When soil is stockpiled for longer than 24-hours, the methods detailed in this section will be followed and maintained.

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiles will be kept covered at all times with appropriately anchored tarps unless it is actively being added to in volume or trucks are loading. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC.

5. Materials Excavation and Load-Out

A qualified environmental professional or person under their supervision will oversee the excavation and load-out of excavated material.

The owner of the property and its contractors are responsible for safe execution of all intrusive and other work performed under this Plan.

The presence of utilities and easements will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this EWP is posed by utilities or easements on the site. Utilities will be pre-cleared prior to ground intrusive activities.

Loaded vehicles leaving the site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and New York State Department of Transportation (NYSDOT) requirements (and all other applicable transportation requirements).

A truck wash will be operated on-site, as appropriate. The qualified environmental professional will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving the site until the activities performed under this section are complete Truck wash waters will be collected and disposed of off-site in an appropriate manner.

Locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking.

The qualified environmental professional will be responsible for ensuring that all egress points for truck and equipment transport from the site are clean of dirt and other materials derived from the site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials. Material accumulated from the street cleaning and egress cleaning activities will be disposed off-site at a permitted landfill facility in accordance with all applicable local, State, and Federal regulations.

6. Materials Transport Off-Site

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.



Truck transport routes are to be submitted with Notification (Section 2) once disposal facilities are identified, but is expected to be directly to and from the I-81 on- and off-ramps via 7th North Street.

All trucks loaded with site materials will exit the vicinity of the site using only the approved truck routes. The most appropriate route will take into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project site.

Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during site remediation and development.

Queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be prohibited, unless directed by the Site supervisor or a qualified environmental professional.

7. Materials Disposal Off-Site

Material excavated and removed from the site will be treated as contaminated and regulated material and will be transported and disposed in accordance with all local, State and Federal regulations. Unregulated off-site management of materials from this site will not occur without formal NYSDEC approval.

Off-site disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate (e.g., hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C&D debris recovery facility). Actual disposal quantities and associated documentation will be reported to the NYSDEC. This documentation will include but will not be limited to: waste profiles, test results, facility acceptance letters, manifests, bills of lading and facility receipts.

Non-hazardous historic fill and contaminated soils taken off-site will be handled consistent with 6 NYCRR Parts 360, 361, 362, 363, 364 and 365. Material that does not meet Unrestricted SCOs is prohibited from being taken to a New York State C&D debris recovery facility (6NYCRR Subpart 361-5 registered or permitted facility). However, NYSDEC is providing site specific approvals for disposal at the Camillus C&D facility.

8. Materials Reuse On-Site

The qualified environmental professional will ensure that procedures defined for materials reuse in this EWP are followed and that unacceptable material does not remain on-site. Impacted on-site material, including historic fill and soil, that is acceptable for reuse on-site will be placed below the demarcation layer or impervious surface, and will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.

Proposed materials for reuse on-site must be sampled for full suite analytical parameters including per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane. The sampling frequency will be in accordance with DER-10 Table 5.4(e)10 unless prior approval is obtained from the NYSDEC project manager for modification of the sampling frequency. The analytical results of soil/fill material testing must meet the site use criteria presented in NYSDEC DER-10 Appendix 5 – Allowable Constituent Levels for Imported Fill or Soil for all constituents listed, and the NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (dated January 2021 or date of current version, whichever is later) guidance values. Approvals for modifications to the analytical parameters must be obtained from the NYSDEC project manager prior to the sampling event.

Soil/fill material for reuse on-site will be segregated and staged as described in this EWP. The anticipated size and location of stockpiles will be provided in the 15-day notification to the NYSDEC project manager. Stockpile locations will be based on the location of site excavation activities and proximity to nearby site features. Material reuse on-site will comply with requirements of NYSDEC DER-10 Section 5.4(e)4. Any modifications to the requirements of DER-10 Section 5.4(e)4 must be approved by the NYSDEC project manager.

Any demolition material proposed for reuse on-site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. Concrete crushing or processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the site will not be reused on-site.

9. Fluids Management

All liquids to be removed from the site, including but not limited to, excavation dewatering, decontamination waters and groundwater monitoring well purge and development waters, will be handled, transported and disposed off-site at a permitted facility in accordance with applicable local, State, and Federal regulations. Dewatering, purge and development fluids will not be recharged back to the land surface or subsurface of the site, and will be managed off-site, unless prior approval is obtained from NYSDEC.

If discharge to the County sewer system is desired, dewatering will be conducted by the contractor in accordance with the Metropolitan Syracuse Wastewater Treatment Plant (Metro) issued permit which may include collection of groundwater samples for analyses prescribed by Metro, and pretreatment of effluent to comply with Metro discharge criteria. Dewatering engineering controls will be approved by the Metro.

Discharge of water generated during large-scale construction activities to surface waters (i.e., a local pond, stream or river) will be performed under a SPDES permit.

10. Backfill From Off-Site Sources

All materials proposed for import onto the site will be approved by the qualified environmental professional and will be in compliance with provisions in this EWP prior to receipt at the site. A Request to Import/Reuse Fill or Soil form, which can be found at http://www.dec.ny.gov/regulations/67386.html, will be prepared and submitted to the NYSDEC project manager allowing a minimum of 5 business days for review.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the site.

All imported soils will meet the backfill and cover soil quality standards established in 6NYCRR 375-6.7(d). Based on an evaluation of the land use, protection of groundwater and protection of ecological resources criteria, the resulting soil quality standards consist of Industrial Soil Cleanup Objectives (SCOs). Soils that meet 'general' fill requirements under 6 NYCRR Part 360.13, but do not meet backfill or cover soil objectives for this site, will not be imported onto the site without prior approval by NYSDEC project manager. Soil material will be sampled for the full suite of analytical parameters, including PFAS and 1, 4-dioxane. Solid waste will not be imported onto the site.

Trucks entering the site with imported soils will be securely covered with tight fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent dust releases.

11. Stormwater Pollution Prevention

Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the site and available for inspection by the NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.

All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials.

Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.

Silt fencing or hay bales will be installed around the entire perimeter of the construction area.

12. Excavation Contingency Plan

If underground tanks or other previously unidentified contaminant sources are found during subsurface excavations or development related construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition. The NYSDEC project manager will be promptly notified of the discovery.

Sampling will be performed on product, sediment and surrounding soils, etc. as necessary to determine the nature of the material and proper disposal method. Chemical analysis will be performed for a full list of analytes (TAL metals; TCL volatiles and semi-volatiles [including 1,4-dioxane], TCL pesticides, PCBs, and PFAS), unless the site history and previous sampling results provide a sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling. Any tanks will be closed as per NYSDEC regulations and guidance.

Identification of unknown or unexpected contaminated media identified by screening during intrusive site work will be promptly communicated by phone within two hours to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. Findings will be summarized in a report to the NYSDEC.

13. Community Air Monitoring Plan

The location of air sampling stations based on generally prevailing wind conditions are shown on Figure 2. These locations will be adjusted on a daily or more frequent basis based on actual wind directions to provide an upwind and at least two downwind monitoring stations.

Exceedances of action levels listed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers.

The CAMP is in Appendix A. Exceedances of action levels listed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers.

14. Odor Control Plan

This odor control plan is capable of controlling emissions of nuisance odors off-site. Specific odor control methods to be used on a routine basis will include foaming, if necessary, to suppress vapors and odors that are generated during the excavations. Foam will be applied, if warranted, to stockpiled soil and excavation sidewalls to maintain work zone and perimeter air monitoring criteria established in the HASP and CAMP. Tarps will also be employed to suppress vapor and odors from stockpiled soil in the staging area, if necessary. If nuisance odors are identified at the site boundary, or if odor complaints are received, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the remedial party, and any measures that are implemented will be included in completion reporting.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, these measures will include: (a) limiting the area of open excavations and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and (f) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering systems.

15. Dust Control Plan

Particulate monitoring must be conducted according to the CAMP provided Appendix A. If particulate levels at the site exceed the thresholds listed in the CAMP or if airborne dust is observed on the site or leaving the site, the dust suppression techniques listed below will be employed. The remedial party will also take measures listed below to prevent dust production on the site.

A dust suppression plan that addresses dust management during invasive on-site work will include, at a minimum, the items listed below:

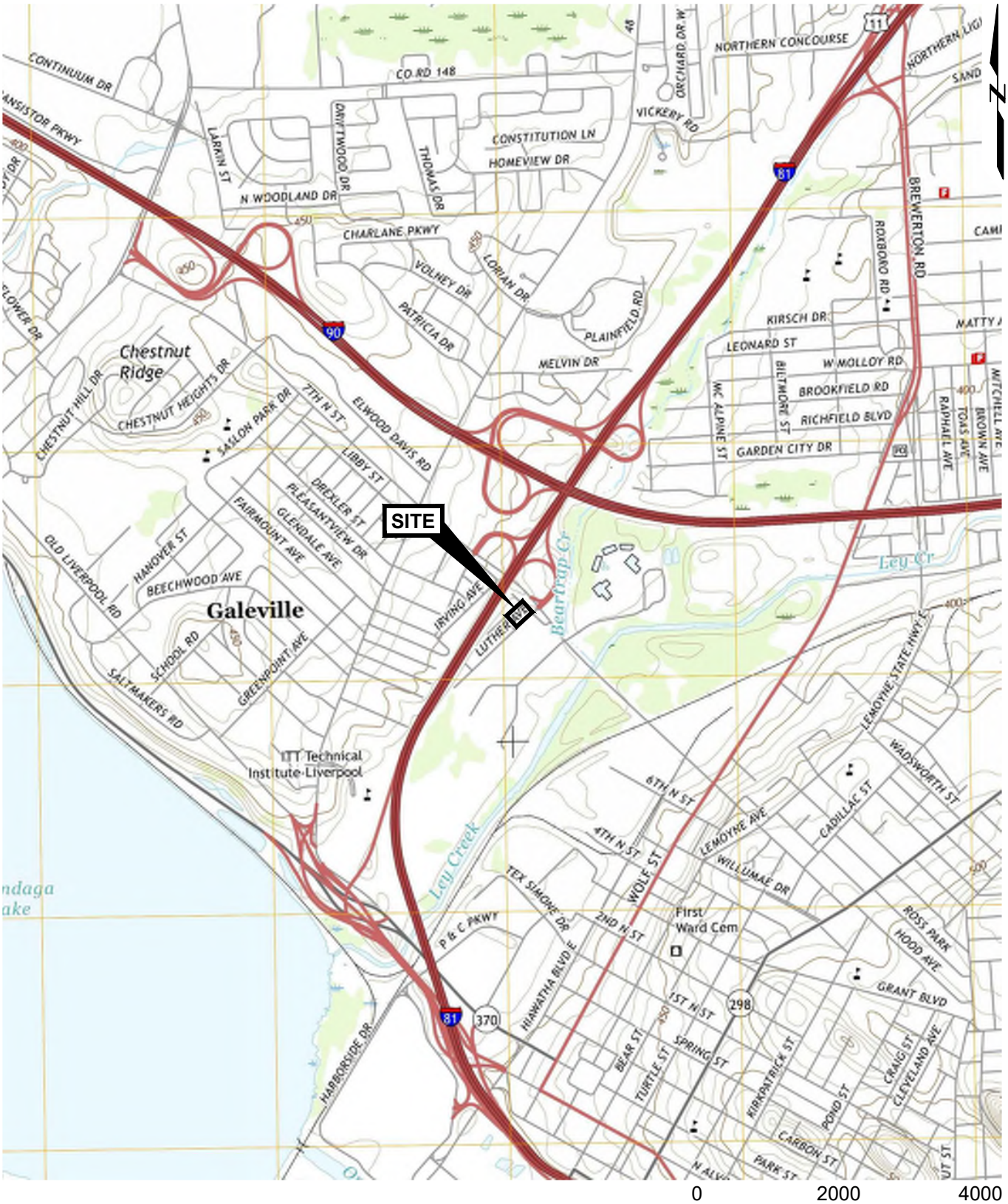
- Dust suppression will be achieved through the use of a dedicated on-site water truck for road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water truck sprinkling.

16. Other Nuisances

If needed, a plan for rodent control will be developed and utilized by the contractor prior to and during site clearing and site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise control ordinances.

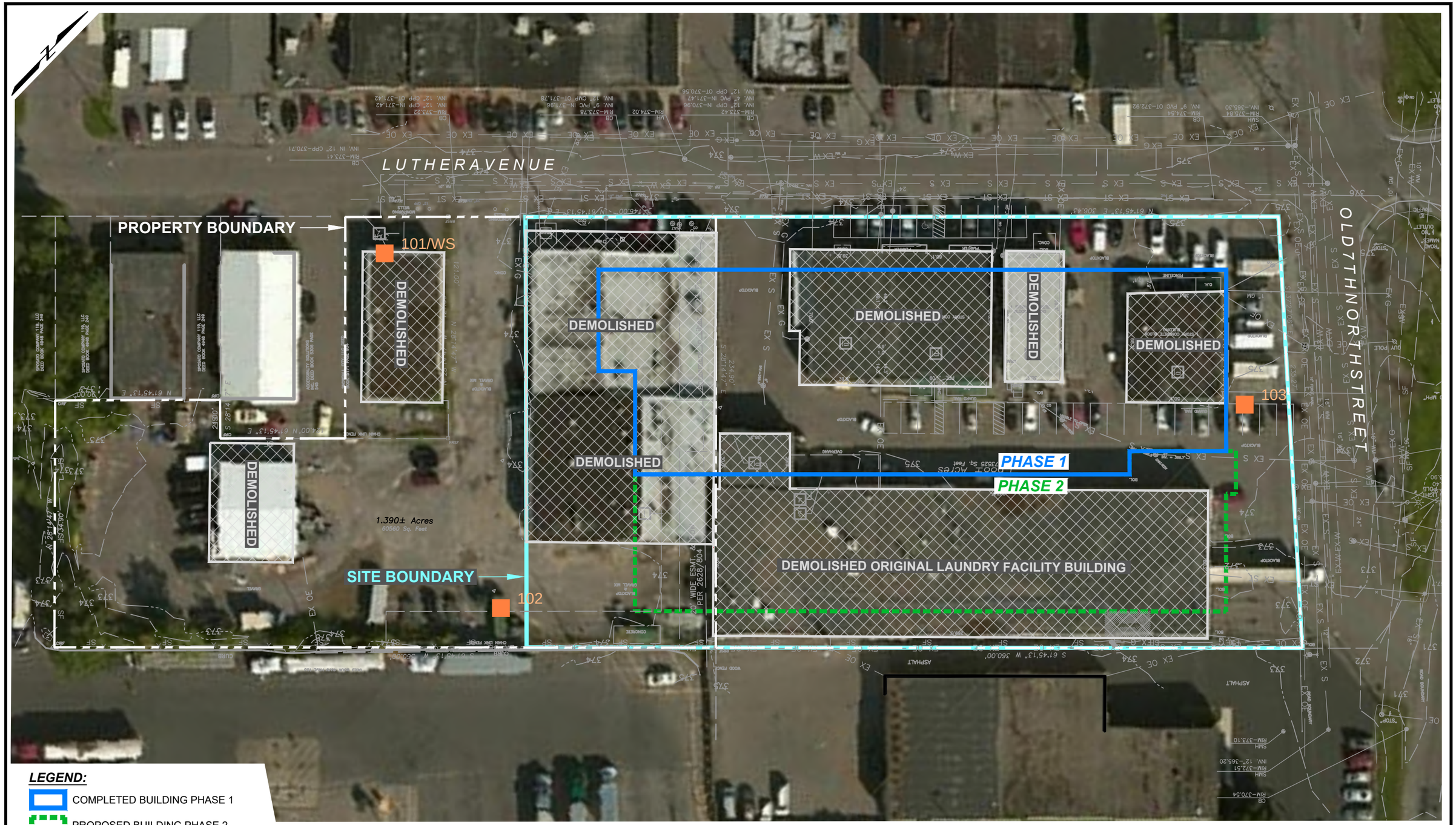
Figures



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	July 2022 Fig. 1

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\IRMWP 2022\2001642-01 SLM.dwg - 1/19/2022



LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- 101/WS Air Monitoring Station (WS indicates a co-located weather station)

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | July 2022 | Fig. 2

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Appendix A

NYSDOH Generic CAMP

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 1B
Fugitive Dust and Particulate Monitoring

A program for suppressing fugitive dust and particulate matter monitoring at hazardous waste sites is a responsibility on the remedial party performing the work. These procedures must be incorporated into appropriate intrusive work plans. The following fugitive dust suppression and particulate monitoring program should be employed at sites during construction and other intrusive activities which warrant its use:

1. Reasonable fugitive dust suppression techniques must be employed during all site activities which may generate fugitive dust.

2. Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

3. Particulate monitoring must be performed using real-time particulate monitors and shall monitor particulate matter less than ten microns (PM10) with the following minimum performance standards:

(a) Objects to be measured: Dust, mists or aerosols;
(b) Measurement Ranges: 0.001 to 400 mg/m3 (1 to 400,000 :ug/m3);
(c) Precision (2-sigma) at constant temperature: +/- 10 :g/m3 for one second averaging; and +/- 1.5 g/m3 for sixty second averaging;
(d) Accuracy: +/- 5% of reading +/- precision (Referred to gravimetric calibration with SAE fine test dust (mmd= 2 to 3 :m, g= 2.5, as aerosolized);
(e) Resolution: 0.1% of reading or 1g/m3, whichever is larger;
(f) Particle Size Range of Maximum Response: 0.1-10;
(g) Total Number of Data Points in Memory: 10,000;
(h) Logged Data: Each data point with average concentration, time/date and data point number
(i) Run Summary: overall average, maximum concentrations, time/date of maximum, total number of logged points, start time/date, total elapsed time (run duration), STEL concentration and time/date occurrence, averaging (logging) period, calibration factor, and tag number;
(j) Alarm Averaging Time (user selectable): real-time (1-60 seconds) or STEL (15 minutes), alarms required;
(k) Operating Time: 48 hours (fully charged NiCd battery); continuously with charger;
(l) Operating Temperature: -10 to 50° C (14 to 122° F);
(m) Particulate levels will be monitored upwind and immediately downwind at the working site and integrated over a period not to exceed 15 minutes.

4. In order to ensure the validity of the fugitive dust measurements performed, there must be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the remedial party to adequately supplement QA/QC Plans to include the following critical features: periodic instrument calibration, operator training, daily instrument performance (span) checks, and a record keeping plan.

5. The action level will be established at 150 ug/m3 (15 minutes average). While conservative,

this short-term interval will provide a real-time assessment of on-site air quality to assure both health and safety. If particulate levels are detected in excess of 150 ug/m3, the upwind background level must be confirmed immediately. If the working site particulate measurement is greater than 100 ug/m3 above the background level, additional dust suppression techniques must be implemented to reduce the generation of fugitive dust and corrective action taken to protect site personnel and reduce the potential for contaminant migration. Corrective measures may include increasing the level of personal protection for on-site personnel and implementing additional dust suppression techniques (see paragraph 7). Should the action level of 150 ug/m3 continue to be exceeded work must stop and DER must be notified as provided in the site design or remedial work plan. The notification shall include a description of the control measures implemented to prevent further exceedances.

6. It must be recognized that the generation of dust from waste or contaminated soil that migrates off-site, has the potential for transporting contaminants off-site. There may be situations when dust is being generated and leaving the site and the monitoring equipment does not measure PM10 at or above the action level. Since this situation has the potential to allow for the migration of contaminants off-site, it is unacceptable. While it is not practical to quantify total suspended particulates on a real-time basis, it is appropriate to rely on visual observation. If dust is observed leaving the working site, additional dust suppression techniques must be employed. Activities that have a high dusting potential--such as solidification and treatment involving materials like kiln dust and lime--will require the need for special measures to be considered.

7. The following techniques have been shown to be effective for the controlling of the generation and migration of dust during construction activities:

(a) Applying water on haul roads;
(b) Wetting equipment and excavation faces;
(c) Spraying water on buckets during excavation and dumping;
(d) Hauling materials in properly tarped or watertight containers;
(e) Restricting vehicle speeds to 10 mph;
(f) Covering excavated areas and material after excavation activity ceases; and
(g) Reducing the excavation size and/or number of excavations.

Experience has shown that the chance of exceeding the 150ug/m3 action level is remote when the above-mentioned techniques are used. When techniques involving water application are used, care must be taken not to use excess water, which can result in unacceptably wet conditions. Using atomizing sprays will prevent overly wet conditions, conserve water, and provide an effective means of suppressing the fugitive dust.

8. The evaluation of weather conditions is necessary for proper fugitive dust control. When extreme wind conditions make dust control ineffective, as a last resort remedial actions may need to be suspended. There may be situations that require fugitive dust suppression and particulate monitoring requirements with action levels more stringent than those provided above. Under some circumstances, the contaminant concentration and/or toxicity may require additional monitoring to protect site personnel and the public. Additional integrated sampling and chemical analysis of the dust may also be in order. This must be evaluated when a health and safety plan is developed and when appropriate suppression and monitoring requirements are established for protection of health and the environment.

Appendix B

Site Related Contact Information

Appendix B. Site Contact List
UniFirst Liverpool NY

Personnel	Investigation Role	Contact
Michael Belveg NYSDEC	NYSDEC Project Manager	315.426.7446 Michael.Belveg@dec.ny.gov
Johnathan Robinson NYSDOH	NYSDOH Project Manager	518.402.7881 Johnathan.Robinson@health.ny.gov
Tim Cosgrave UniFirst Corporation	UniFirst Project Manager	978.527.4332 Timothy_Cosgrave@UniFirst.com
Ileen Gladstone, P.E., LSP GEI Consultants	Environmental Consultant Qualified Environmental Professional	781.424.9924 igladstone@geiconsultants.com
Gary Rozmus, P.E. GEI Consultants	Certifying Remediation Engineer	631.479.3510 grozmus@geiconsultants.com
Jeena Sheppard GEI Consultants	Environmental Consultant Regional Safety Manager	856.291.5663 jsheppard@geiconsultants.com
Catherine Malagrida GEI Consultants	Environmental Consultant Project Manager	339.221.3521 cmalagrida@geiconsultants.com
Thomas J. Rotella Sr. C&S Companies	Construction Contractor Project Manager	315.703.4179 trotella@cscos.com

Appendix B Project Team

Appendix B. Project Team

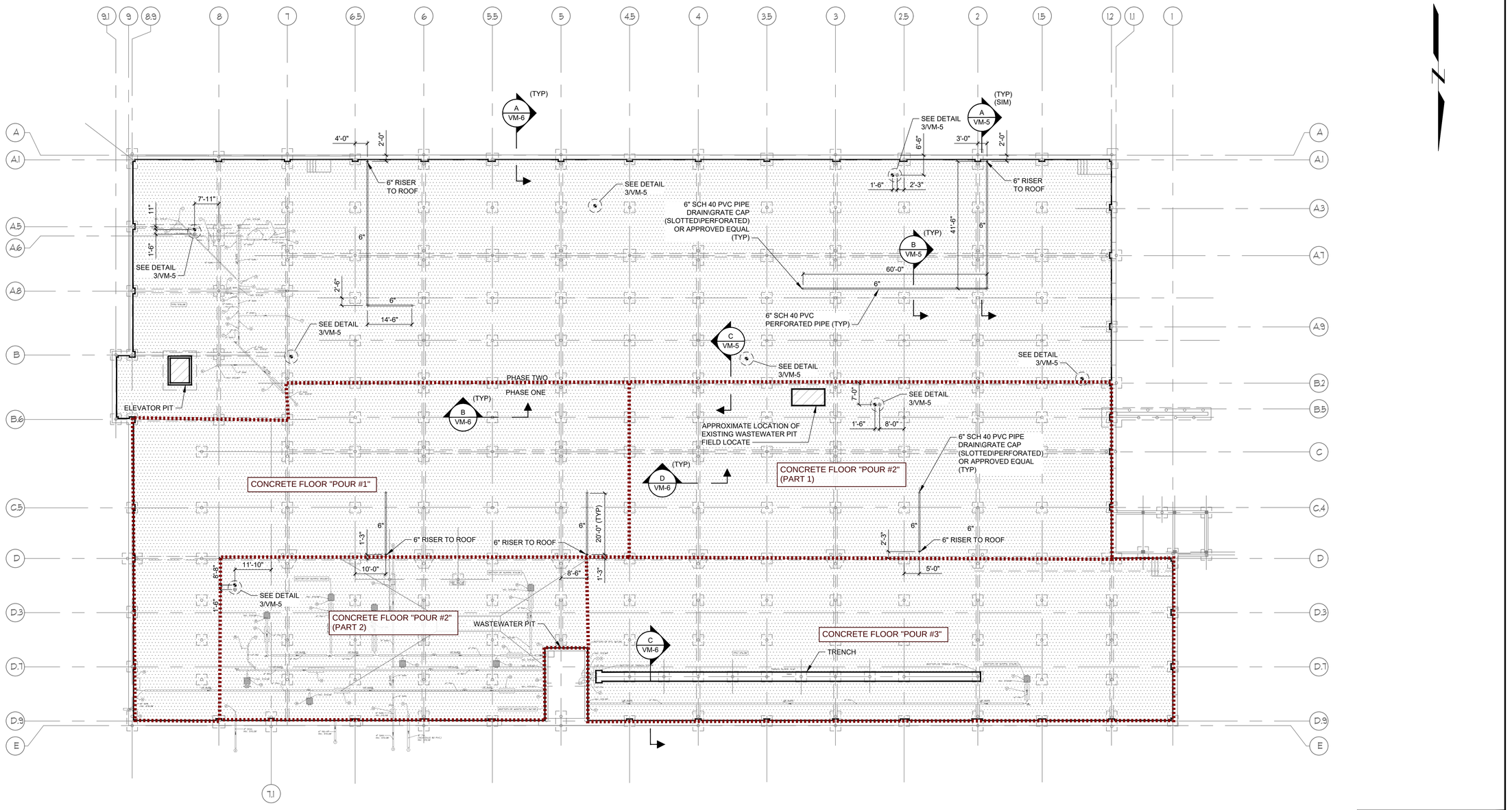
Entity	Role	Contact
GEI Consultants	Project management, Design Engineer, observation and documentation of remedial Injection and VM system installation, IRM compliance, determination of corrective measures when needed, Site Health and Safety Officer, perimeter air monitoring (CAMP), post-construction testing of indoor air and soil vapor monitoring points	Wendy Moore, P.E., Project Manager 950 Danby Road, Suite 201-F, Ithaca, NY 14850 607.216.8966
Alpha Analytical (acquired by Pace)	Laboratory Subcontractor for environmental sample analyses	800-624-9220
Innovative Environmental Technologies (IET)	Remediation contractor, remedy design, installation of temporary injection points, injection of EZVI and other remedial reagents	Michael Scalzi 888.721.8283 mikescalz@iet-inc.net
C&S Companies	Construction Contractor, installation and smoke testing during VMS installation, installation of soil vapor monitoring points	Thomas J. Rotella Sr., Project Manager 499 Col. Eileen Collins Blvd. Syracuse, NY 13212 315.703.4179 trotella@cscos.com
Sun Environmental	OSHA-trained soil excavator & personnel air monitoring Coordinated characterization, profiling, transport, and disposal of impacted dewatering fluid (groundwater) collected during Phase 2 building construction	Mara Notaro Project/Permit Manager 315.679.7731 MaraN@SunEnc.com
Budget Maintenance Concrete Services, Inc.	Gas Barrier installation and smoke testing (subcontractor to C&S Companies)	Bill O'Brien, Senior Project Manager 800 Industrial Highway, Pottstown, Pennsylvania 19464 610.323.7702
Capitol Environmental Services Inc.	Waste broker for transportation and disposal of impacted soil	John Herbig, Coordinator 300 Creek View Road, Suite 202 Newark, DE 19711 302.380.3737
T.H. Kinsella, Inc.	Imported Fill source	315.637.3390
Warren Ramie Surveying	Survey and mark injection point locations, provide survey control for construction activities	James F. Ramie, Owner 6437 Collamer Road, E. Syracuse NY 13057 315.458.8979

Appendix C Remedial Construction Documentation

C.1. Vapor Mitigation System As-Built Drawings

C.2. Injection Point Survey

C.1. Vapor Mitigation System As-Built Drawings



SUB-SLAB PIPING PLAN

SCALE: 1/16"=1'-0"

0 16 32

SCALE, FEET

LEGEND:

- 6" SCH 40 PVC PIPE-PERFORATED
- UNDER SLAB GAS BARRIER
- VAPOR BARRIER - MONO-SHIELD OR WATERPROOFING PRODUCT SUBSTITUTION APPROVED BY ENGINEER (SEE NOTE 1)
- SUB-SLAB MONITORING POINT - DEEP - SEE DETAIL 3/VM-5 (SYMBOL SHOWN TWICE NORMAL SIZE FOR CLARITY)
- SUB-SLAB MONITORING POINT - SHALLOW - SEE DETAIL 3/VM-5 (SYMBOL SHOWN TWICE NORMAL SIZE FOR CLARITY)

NOTES:

1. INDIVIDUAL ENVIRONMENTAL VAPOR BARRIERS:
   A. EXISTING WASTEWATER PIT - SEAL THE TOP OF THE CURED FLOWABLE FILL.
   B. PROPOSED ELEVATOR PIT - SEAL THE TOP OF THE PIT SLAB.

This As-Built Drawing is based on the final Design Drawings from the IRM Work Plan for Phase 2 Construction, which included the final design conditions for the renovated facility as a whole. To the best of my knowledge, this accurately represents the as-built conditions.

AS-BUILT DRAWING No. 1

STATE OF NEW YORK * WENDY L. MOORE * 083002 LICENSED PROFESSIONAL ENGINEER

GENERAL NOTE:

THESE DRAWINGS WERE CREATED USING BASE DESIGN DRAWING FILES BY OTHERS. ARCHITECTURAL AND MECHANICAL PLANS, RECEIVED 01-20-2021, STRUCTURAL PLANS RECEIVED 03-23-2021, EQUIPMENT PLANS RECEIVED 06-02-2021.

Warning:

It is a violation of Section 7209.2 of the New York State Education Law for any person, unless acting under the direction of a licensed professional engineer, to alter in any way plans, specifications, plats or reports to which the seal of a professional engineer has been applied. If an item bearing the seal of a professional engineer is altered, the altering engineer shall affix to the item his seal and the notation "Altered By" followed by his signature, the date, and a specific description of the alteration.

Attention:

0 1"

If this scale bar does not measure 1" then drawing is not original scale.

NO.	DATE	ISSUE/REVISION	APP
3	2/24/2022	INTERIM REMEDIAL MEASURE (PHASE 2)	GAR
2	6/14/2021	ISSUED FOR CONSTRUCTION (PHASE 1)	GAR

Designed:	L. WELCH
Checked:	I. GLADSTONE
Drawn:	J. MORIN
Submitted By:	
P.E. Number:	

GEI Consultants
GEI CONSULTANTS, INC., P.C.
1301 TRUMANSBURG ROAD
SUITE N
ITHACA, NY 14850
(607)216-8955

UniFirst, Inc.

GEI Project 2001642

New Facility
113 7th North Street
Liverpool, New York

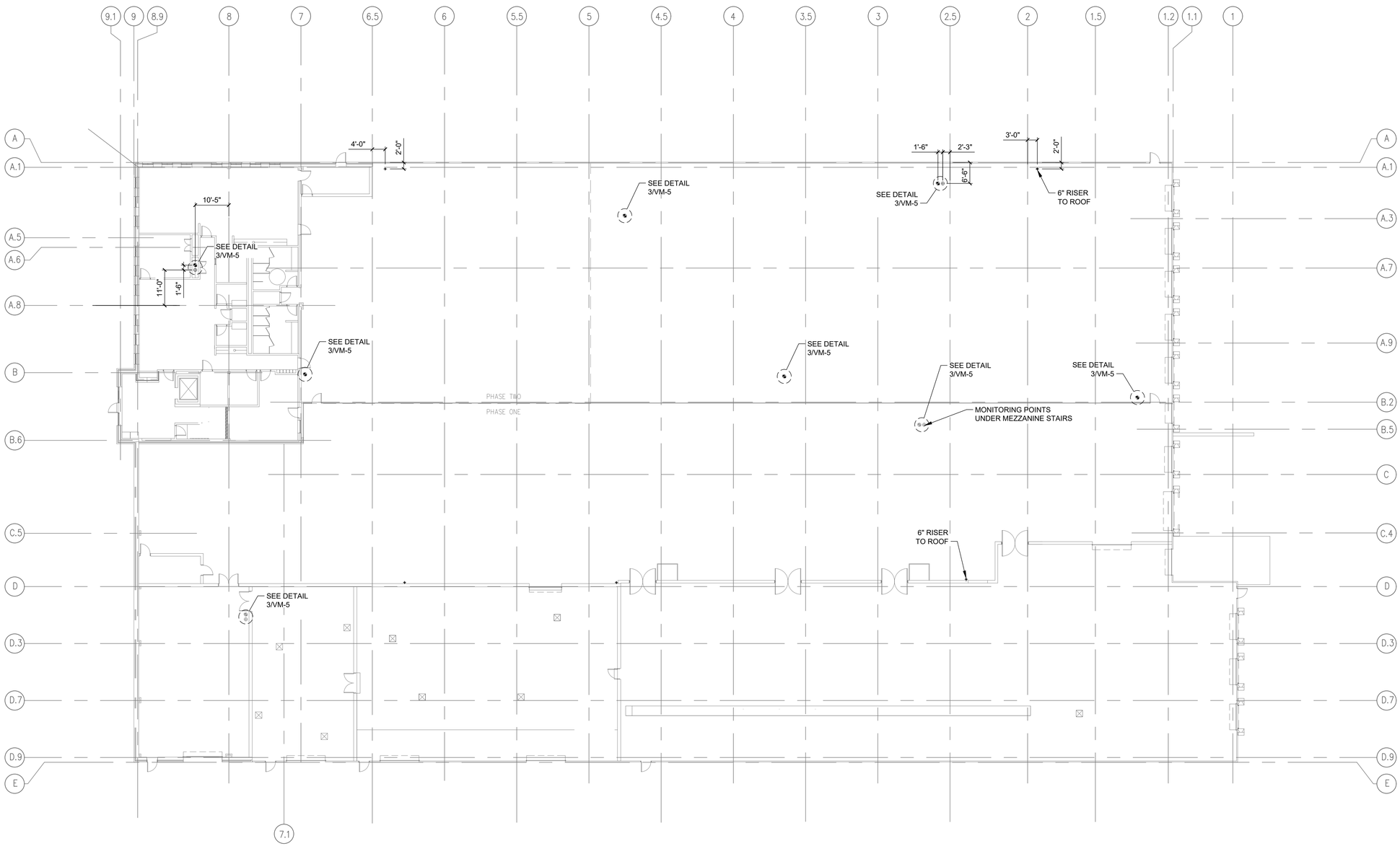
VAPOR BARRIER LAYOUT AND SUB-SLAB VAPOR MITIGATION PIPING PLAN

DWG. NO. VM-1

DWG. NO. 1 OF 6

BSCAN

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Design\Working\2001642-UniFirst-Liverpool-Vapor Mitigation System.dwg - 2/23/2022



FIRST FLOOR PIPING PLAN

SCALE: 1/16"=1'-0"

0 16 32

SCALE, FEET

LEGEND:

- SUB-SLAB MONITORING POINT - DEEP - SEE DETAIL 3/VM-5
- SUB-SLAB MONITORING POINT - SHALLOW - SEE DETAIL 3/VM-5

5 NO REVISIONS EDITS FOR REVISION 5 ON THIS DRAWING

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AS-BUILT DRAWING No. 2

STATE OF NEW YORK
WENDY L. MOORE
083002
LICENSED PROFESSIONAL ENGINEER

GENERAL NOTE:

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Attention:

0 1"

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3	2/24/2022	INTERIM REMEDIAL MEASURE	GAR
2	6/14/2021	ISSUED FOR CONSTRUCTION (PHASE 1)	GAR

Designed: L. WELCH
Checked: I. GLADSTONE
Drawn: J. MORIN
Submitted By:
P.E. Number:

GEI Consultants
GEI CONSULTANTS, INC., P.C.
1301 TRUMANSBURG ROAD
SUITE N
ITHACA, NY 14850
(607)216-8955

UniFirst, Inc.

GEI Project 2001642

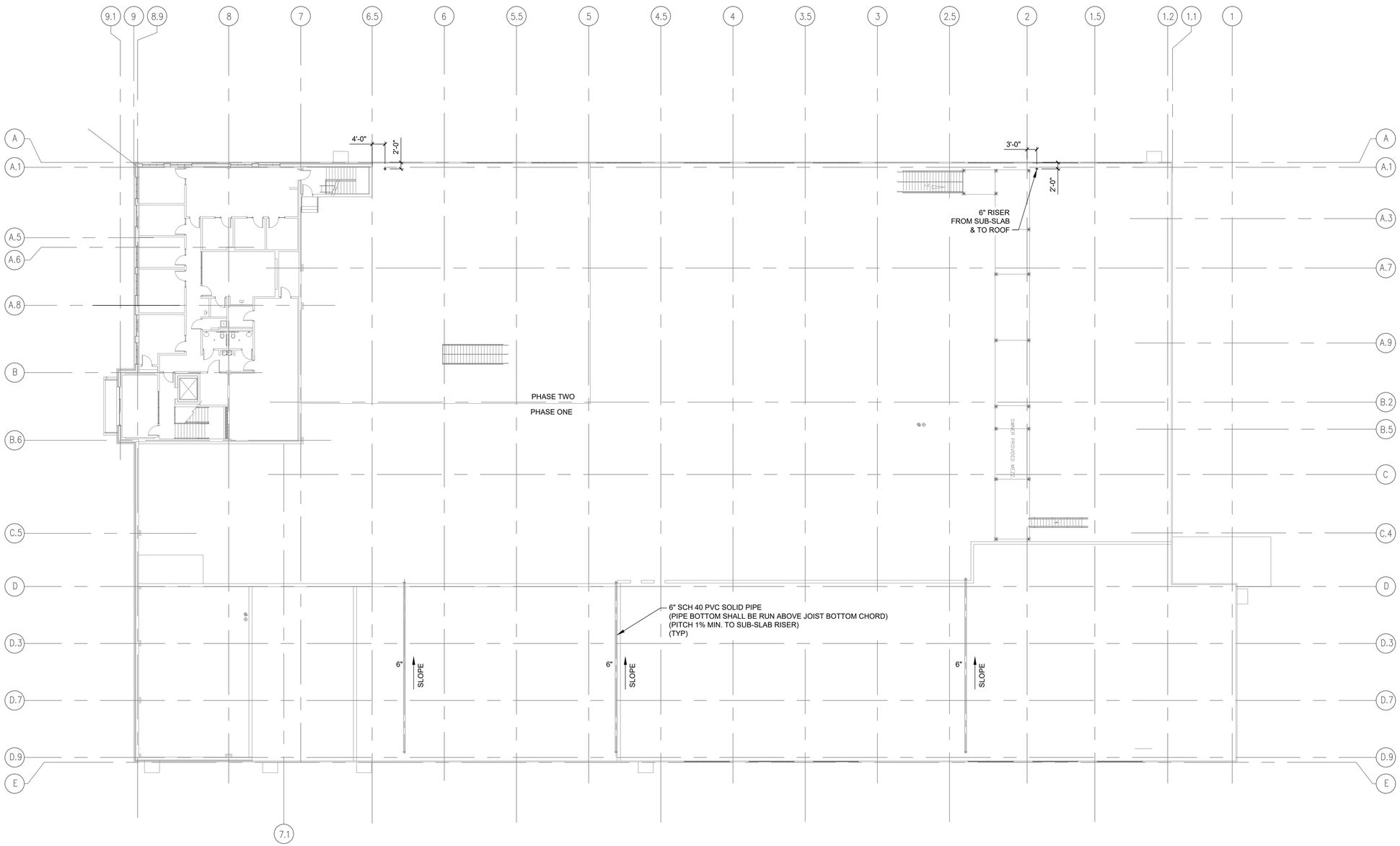
New Facility
113 7th North Street
Liverpool, New York

FIRST FLOOR
VAPOR MITIGATION
PIPING PLAN

DWG. NO.
VM-2

DWG. NO.
2 OF 6

BSCAN



SECOND PIPING FLOOR PLAN

SCALE: 1/16"=1'-0"

0 16 32

SCALE, FEET

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AS-BUILT DRAWING No. 3

STATE OF NEW YORK
WENDY L. MOORE
083002
LICENSED PROFESSIONAL ENGINEER

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Designed: L. WELCH
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Drawn: J. MORIN
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ITHACA, NY 14850
(607)216-8955

UniFirst, Inc.

GEI Project 2001642

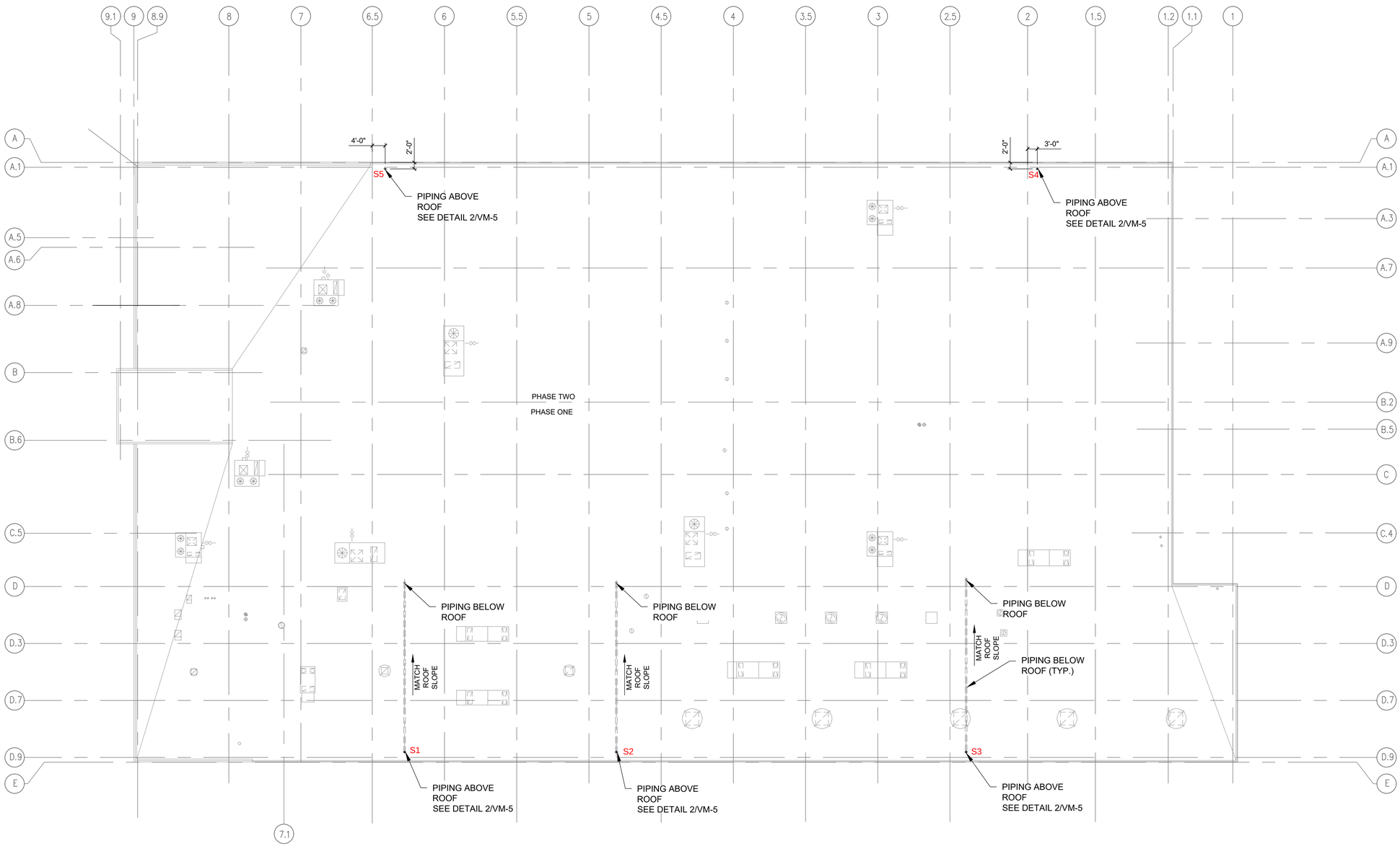
New Facility
113 7th North Street
Liverpool, New York

SECOND FLOOR
VAPOR MITIGATION
PIPING PLAN

DWG. NO.
VM-3

DWG. NO.
3 OF 6

BSCAN



ROOF PIPING PLAN

SCALE: 1/16"=1'-0"

0 16 32

SCALE, FEET

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AS-BUILT DRAWING No. 4

STATE OF NEW YORK
WENDY L. MOORE
083002
LICENSED PROFESSIONAL ENGINEER

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2	6/14/2021	ISSUED FOR CONSTRUCTION (PHASE 1)	GAR

Designed: L. WELCH
Checked: I. GLADSTONE
Drawn: J. MORIN
Submitted By:
P.E. Number:

GEI Consultants
GEI CONSULTANTS, INC., P.C.
1301 TRUMANSBURG ROAD
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ITHACA, NY 14850
(607)216-8955

UniFirst, Inc.

GEI Project 2001642

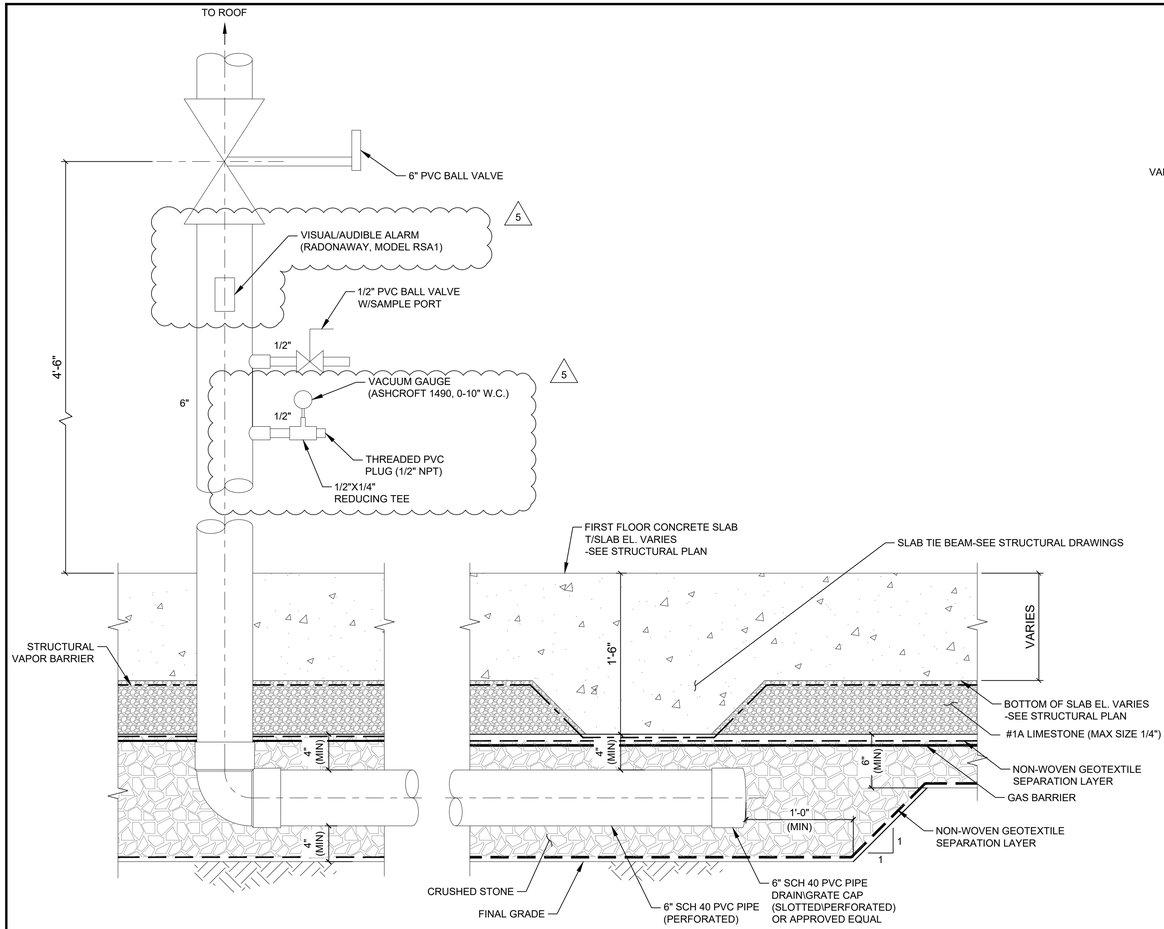
New Facility
113 7th North Street
Liverpool, New York

ROOF
VAPOR MITIGATION
PIPING PLAN

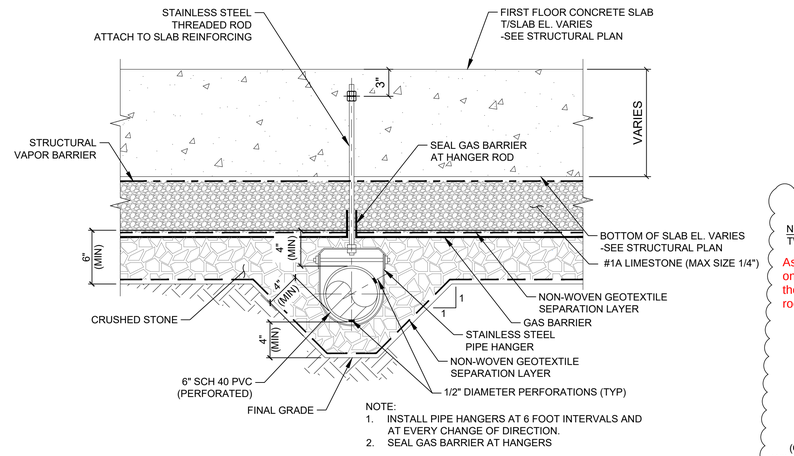
DWG. NO. VM-4

DWG. NO. 4 OF 6

BSCAN

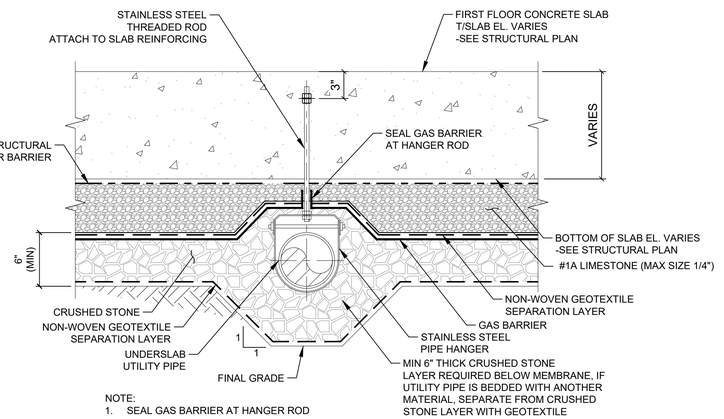


A VM1 SECTION
TYPICAL HEADER PIPING



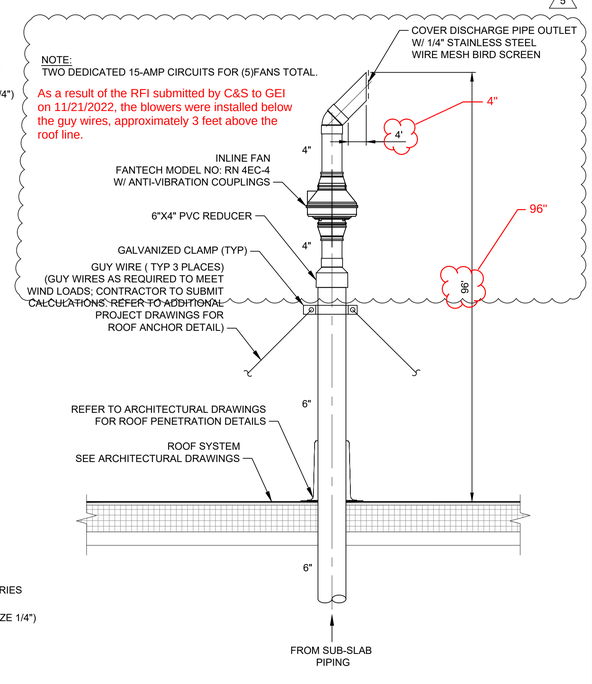
NOTE:
1. INSTALL PIPE HANGERS AT 6 FOOT INTERVALS AND AT EVERY CHANGE OF DIRECTION.
2. SEAL GAS BARRIER AT HANGERS

B VM1 SECTION
TYPICAL 6" PIPE TRENCH



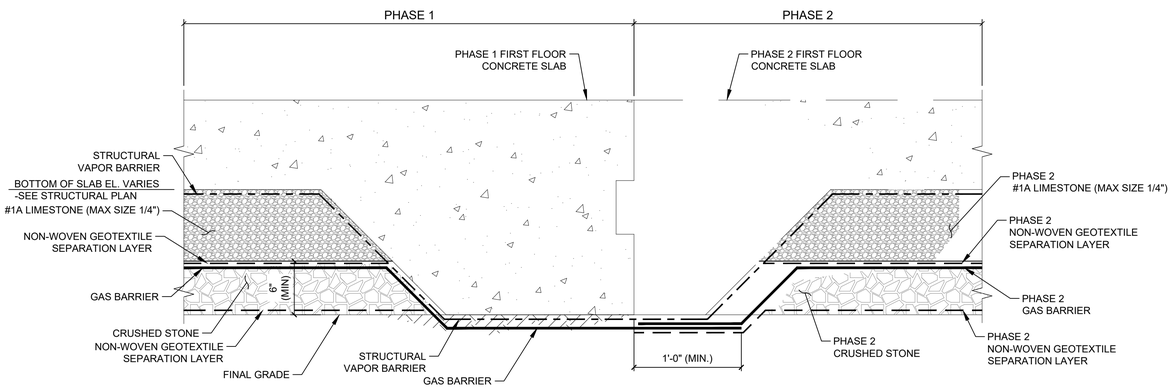
NOTE:
1. SEAL GAS BARRIER AT HANGER ROD

1 VM1 TYPICAL DETAIL
UTILITY PIPE HANGER IN LIMESTONE LAYER

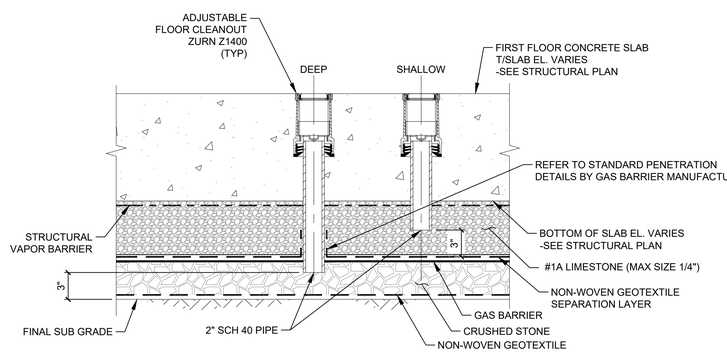


NOTE:
1. REFER TO PIPE SEALING DETAIL 5/A-103
2. DIRECT DISCHARGE AWAY FROM NEAREST RTU (180 DEGREES)

2 VM4 DETAIL
TYPICAL VENT PENETRATION AT ROOF
SCALE: NTS



C VM1 SECTION
PHASE 1 TO PHASE 2 SLAB JOINT



3 VM1 DETAIL
TYPICAL SUB-SLAB MONITOR POINTS

This As-Built Drawing is based on the final Design Drawings from the IRM Work Plan for Phase 2 Construction, which included the final design conditions for the renovated facility as a whole. This drawing has been electronically annotated to reflect constructed conditions relative to the design drawings. To the best of my knowledge, this accurately represents the as-built conditions.

AS-BUILT DRAWING No. 5

STATE OF NEW YORK
WENDY L. MOORE
LICENSED PROFESSIONAL ENGINEER
083002

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2	6/14/2021	ISSUED FOR CONSTRUCTION (PHASE 1)	GAR

Designed:	L. WELCH
Checked:	I. GLADSTONE
Drawn:	J. MORIN
Submitted By:	
P.E. Number:	

GEI Consultants
GEI CONSULTANTS, INC., P.C.
1301 TRUMANSBURG ROAD
SUITE N
ITHACA, NY 14850
(607)216-8955

UniFirst, Inc.

GEI Project 2001642

New Facility
113 7th North Street
Liverpool, New York

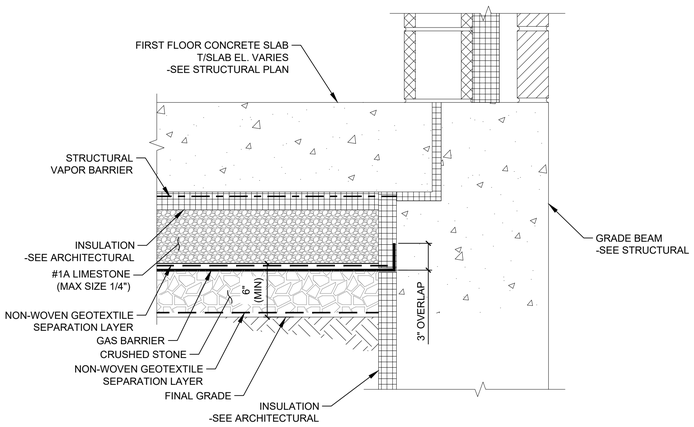
VAPOR MITIGATION
PIPING PLAN
DETAILS

DWG. NO.
VM-5

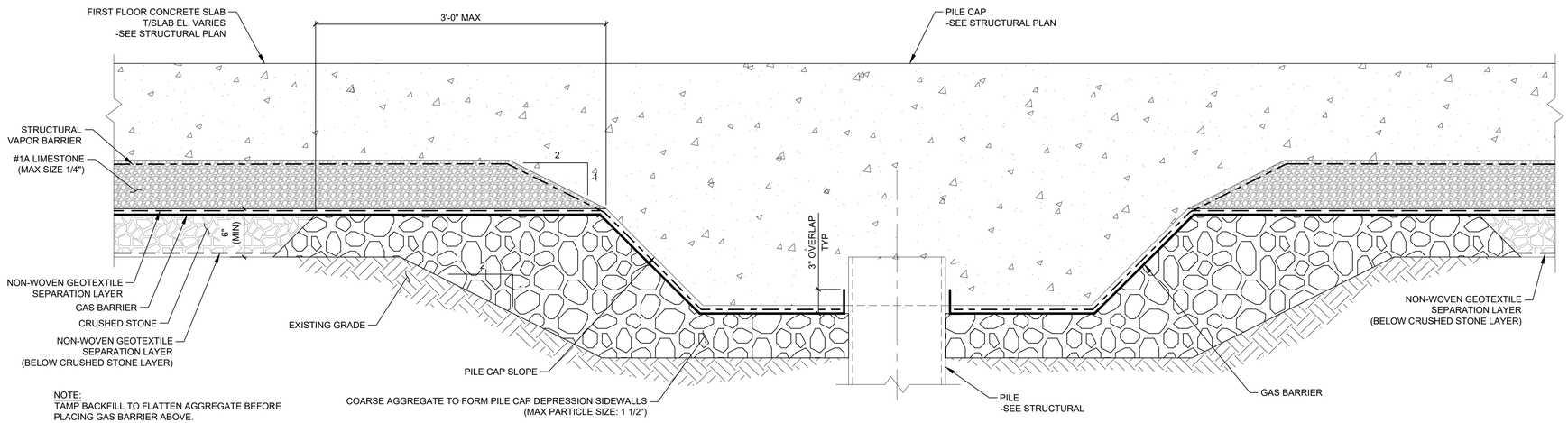
DWG. NO.
5 OF 6

BSCAN

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Design\Working\2001642-UniFirst-Liverpool-Vapor Mitigation System.dwg - 7/21/2022

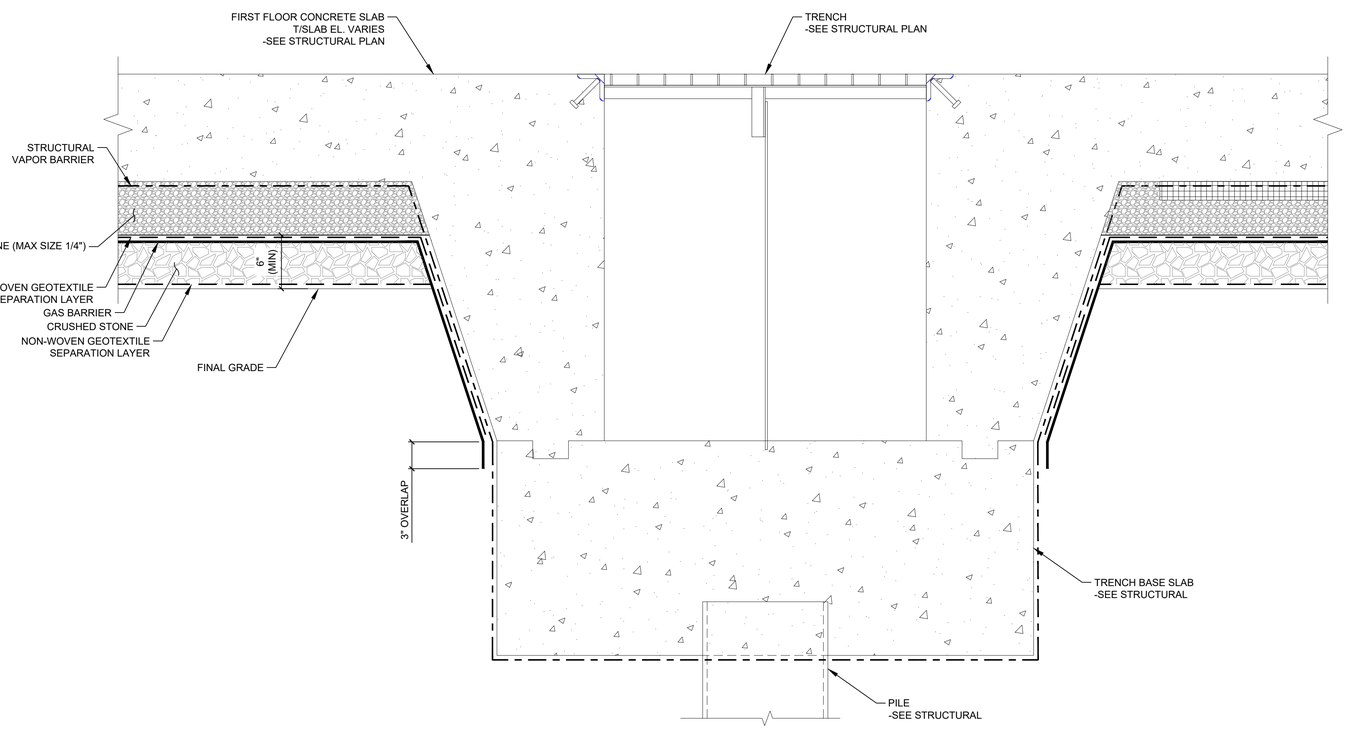


A VM1 SECTION
TYPICAL EXTERIOR WALL

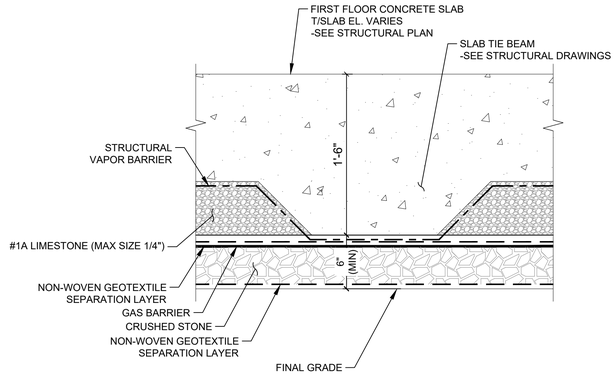


NOTE:
TAMP BACKFILL TO FLATTEN AGGREGATE BEFORE PLACING GAS BARRIER ABOVE.

B VM1 SECTION
TYPICAL PILE CAP



C VM1 SECTION
TRENCH DETAIL



D VM1 SECTION
SLAB TIE BEAM DETAIL

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AS-BUILT DRAWING No. 6

STATE OF NEW YORK
WENDY L. MOORE
083002
LICENSED PROFESSIONAL ENGINEER

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Designed:	L. WELCH
Checked:	I. GLADSTONE
Drawn:	J. MORIN
Submitted By:	
P.E. Number:	

GEI Consultants
GEI CONSULTANTS, INC., P.C.
1301 TRUMANSBURG ROAD
SUITE N
ITHACA, NY 14850
(607)216-8955

UniFirst, Inc.

GEI Project 2001642

New Facility
113 7th North Street
Liverpool, New York

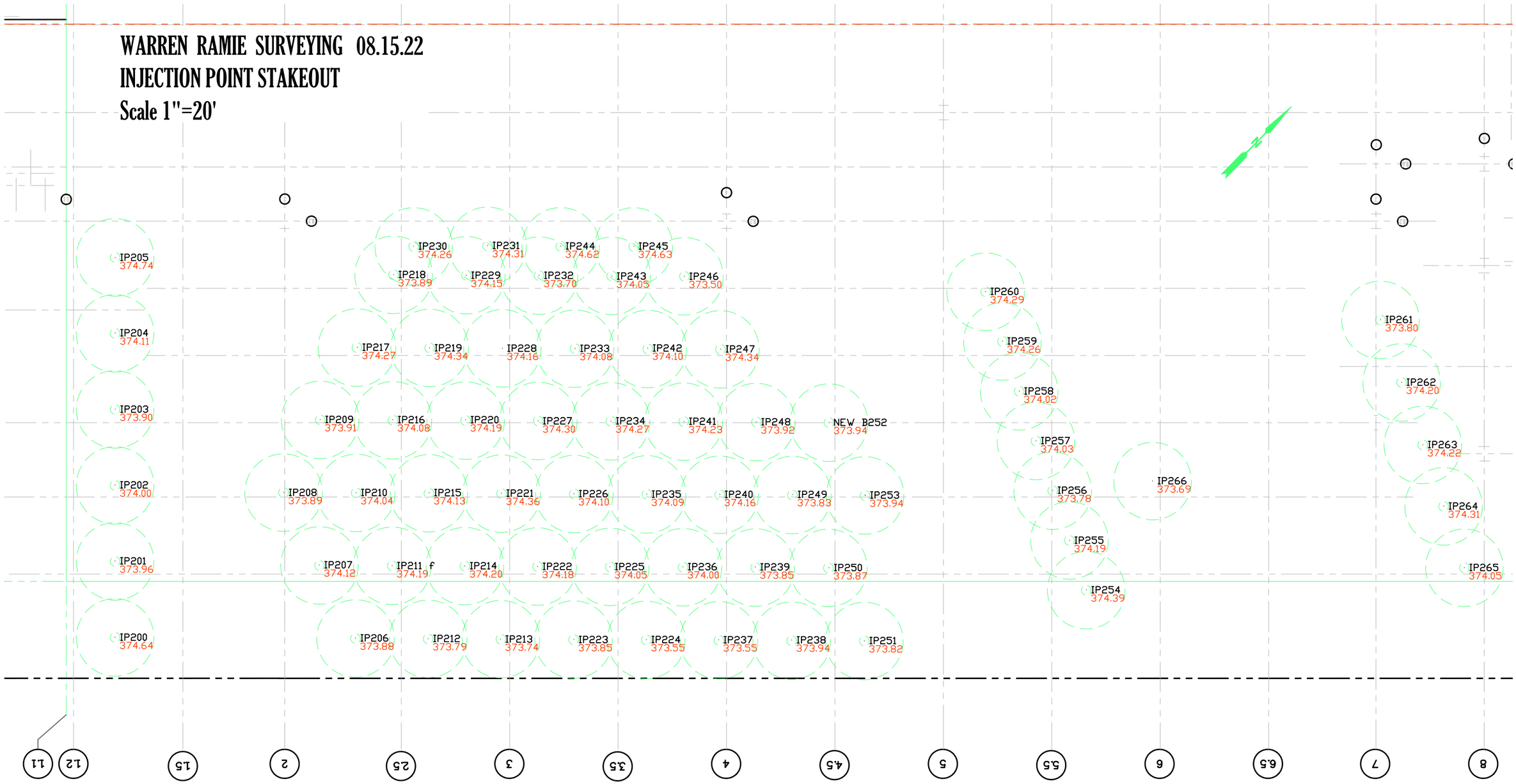
VAPOR MITIGATION
PIPING PLAN
DETAILS

DWG. NO.
VM-6
DWG. NO.
6 OF 6
BSCAN

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C.2. Injection Point Survey

WARREN RAMIE SURVEYING 08.15.22
INJECTION POINT STAKEOUT
Scale 1"=20'



Appendix D Approvals

D.1. NYSDEC Approval of IRM Work Plan

D.2. Contained-In Approvals

D.3. Imported Fill Approvals

D.1. NYSDEC Approval of IRM Work Plan

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 7
615 Erie Boulevard West, Syracuse, NY 13204-2400
P: (315) 426-7519, (315) 426-7551 | F: (315) 426-2653
www.dec.ny.gov

September 9, 2022

Timothy Cosgrave
UniFirst Corporation
68 Jonspin Road
Wilmington, MA 01887

RE: 113 7th North Street, Syracuse, NY
NYSDEC Site# C734152
Interim Remedial Measure Work Plan for Phase 2 Construction Area

Dear Timothy Cosgrave:

Thank you for providing the above referenced Interim Remedial Measure (IRM) dated August 2022 for the 113 7th North Street site in Liverpool, New York.

The New York State Department of Environmental Conservation (DEC) and the New York State Department of Health (DOH) have reviewed the IRM and determined that the work plan is satisfactory.

Please place a copy of the final IRM in the site's document repository.

Prior to performing any fieldwork detailed in your work plans for this site please follow notification requirements in the Brownfield Cleanup Agreement.

Should you have any questions please contact me at (315) 426-7446 and thanks again for your efforts in continuing to move this project forward.

Sincerely,

Michael Belveg

Michael Belveg
Assistant Engineer (Environmental), Division of Environmental Remediation

Ec: Gary Priscott, DEC
Scarlett McLaughlin, DOH
Johnathan Robinson, DOH
Ileen Gladstone, GEI Consultants
Wendy Moore, GEI Consultants
Jeffrey Holden, GEI Consultants

D.2. Contained-In Approvals

GEI Consultants

Consulting Engineers and Scientists

June 21, 2022
Project 2001642

Mr. Henry Wilke
Division of Solid and Hazardous Materials
NYSDEC
625 Broadway
Albany, NY 12233

Dear Mr. Wilke:

Re: "Contained-In" Determination Request
Soil Excavation Associated with Phase 2 Construction
UniFirst Liverpool Property
113 7th North Street, Liverpool, New York

The purpose of this letter is to request a determination that soil to be excavated during the Phase 2 redevelopment of the UniFirst Corporation laundry facility at 113 7th North Street, Liverpool, Onondaga County, New York (the Property; Figure 1) does not require management as a hazardous waste under the "Contained-In" Action Levels as outlined in Technical and Administrative Guidance Memorandum (TAGM) 3028.

1. Site Description

Since being acquired by UniFirst in the mid-1960s, the facility has been operated as an industrial laundry. The Property is currently made up of the original industrial laundry facility parcel and several additional adjacent parcels located along Luther Avenue that UniFirst acquired over the years. The Property is approximately 3.25 acres, currently improved with a new 31,000 square foot building located along Luther Avenue (completed in early 2022; referred to hereafter as the "Phase 1" of the new laundry facility), and is in a commercial/industrial-zoned area. Currently, Phase 2 of the new laundry facility is under construction in the area of the original laundry facility (i.e., the original facility was demolished in 2022 and Phase 2 is being constructed in its place). The other areas of the Property are reworked soil, covered by gravel, or paved. There is a fence along the southwestern property line, limiting access to the Property from the adjacent truck stop and gas station.

As previously mentioned, construction is currently underway as part of a facility replacement and expansion project. Construction of the new facility is being undertaken in two phases to allow for continued operation of the facility throughout construction. The construction phases are illustrated on Figure 2. The first phase of construction (Phase 1) included the 31,000 square-foot structure adjacent to Luther Street. Phase 1 was completed in April 2022 and is now being used by UniFirst for laundry operations. While Phase 1 was under construction, UniFirst continued operating in the existing facility at the rear (south side) of the Property. Now that Phase 1 is completed and operations have moved to the new building, the existing facility was recently demolished. Site preparation is underway and construction of the Phase 2 building is

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301 Trumansburg Road, Suite N, Ithaca, NY 14850
607.216.8955

commencing (June 2022). Once complete, the combined Phase 1 and Phase 2 the new facility will be joined as a single 55,700 square foot one-story building housing UniFirst's laundry facility and administrative operations.

2. Regulatory Status

On September 14, 2020, during initial redevelopment activities at the UniFirst Property, the New York State Department of Environmental Conservation (NYSDEC) was notified of a release of chlorinated volatile organic compounds (CVOCs) in groundwater and potentially soil around wastewater treatment pits and a sewer line on the Property. NYSDEC assigned Spill No. 2005410.

In March 2021, UniFirst applied to the NYSDEC to participate in the Brownfield Cleanup Program (BCP) and entered into a Brownfields Cleanup Agreement (BCA) through the BCP in October 2021. This spill number was closed by the NYSDEC on October 12, 2021, the date the BCA was executed.

The Site is now registered as BCP Site No. C734152 and UniFirst is a "Participant" in the program as defined by ECL 27 1405(1)(a) of the BCP. A Citizen Participation Plan (CPP) has been prepared and was published by the NYSDEC in February 2022. No other BCP milestones have been achieved to date.

3. Summary of Contamination

Between April 2020 and present, on behalf of UniFirst, GEI has collected soil vapor, sub-slab soil vapor, soil and groundwater samples at the Property to evaluate the nature and extent of potential release(s) to the environment due to dry cleaning previously performed in the industrial laundry facility and evaluate if excess soil generated during construction may be impacted by historical operations. Samples were collected across the Property, in the footprints of both the Phase 1 and Phase 2 construction areas including near an underground wastewater collection pit (hereafter referred to as the "former wastewater pit;" filled in place in March 2021). Note that this former wastewater pit is not within the area that is subject to this request.

The locations of soil borings and groundwater monitoring wells installed to date are provided in in Figure 3. Soil analytical data collected to date are included in Tables 1A (VOCs) and 1B (non-VOCs). Depending on depth and location, soil samples were submitted for VOCs, semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and/or metals. Based on investigations performed to date, the primary constituents of concern identified in soil are CVOCs, including tetrachloroethylene (PCE), trichloroethene (TCE), 1,2-dichloroethene (1,2-DCE), 1,1-dichloroethene (1,1-DCE) and vinyl chloride (VC). These CVOCs were primarily identified in soil around and downgradient from the former wastewater pit (Figure 3) at depths ranging from 10.5 to 20+ feet below ground surface (bgs), which is at or below the bottom elevation of the former wastewater pit (approximately 8 to 11 feet bgs). This area is hereafter referred to as the "source area," with the source of the PCE (which was reportedly used as the dry cleaning solvent during historical operations) likely being attributed to the release of dry cleaning solvents to the wastewater pit.

Concentrations of CVOCs (primarily including PCE and VC) exceed the TAGM 3028 "Contained-In" Action Levels in several samples collected from the deeper intervals (i.e., at least 10.5 feet bgs) within the source area which will not be excavated during the construction. Although these CVOCs were also encountered in samples collected from shallow soil overlying

the source area soils (i.e., shallower than 10.5 feet bgs) and in areas outside of the source area, the CVOC concentrations do not exceed the TAGM 3028 "Contained-In" Action Levels with one exception, as further discussed Section 4.

4. Scope of Work

Work will consist of the excavation and disposal of excess soil generated prior to installation of pile caps, grade beams and construction of an elevator pit within the Phase 2 construction area (Figure 2). The maximum depth of soil excavation for pile caps and grade beams within the main portion of the Phase 2 construction area will be a maximum of 6 feet, and the elevator pit will be excavated to a depth of no more than 10.5 feet (Figure 2). This work is being performed for UniFirst by C&S Companies, Inc. of Syracuse, New York (C&S) and is scheduled to commence on or about June 20, 2022.

Due to the size of the site, the current excavation plan is to live-load the soil directly into trucks for off-site disposal. As shown in Table 2, analytical results identified one area where PCE exceeds the TAGM 3028 "Contained-In" Action Level of 12 mg/kg.[1] Specifically, as shown in Table 2 and on Figure 3, the only location that planned for excavation that is above the "Contained-In" Action Levels is around B204, where PCE results are between 19 and 90 mg/kg (vs. an action level of 12 mg/kg). As such, soil excavated from within the delineated limits will be segregated and handled separately from the soil that is subject to this request. This area is shown with a red outline on Figure 3.

With the exception of B204 discussed above, CVOCs detected within Phase 2 work zone from the surface to the maximum working depth of 6 feet bgs in the general area and 10.5 feet bgs in the elevator shaft do not exceed the "Contained-In" Action Levels outlined in the TAGM 3028. As such, on UniFirst's behalf, GEI is requesting a "Contained-In Determination" from NYSDEC for these Phase 2 work area soils within the area shaded in brown on Figure 3 (i.e., soils located above 10.5 feet and outside the delineated area around B204).

The requested "Contained-In Determination" letter will indicate that the material does not require management as hazardous waste under the "Contained-In" policy and can be sent to a Part 360 permitted land disposal facility. The volume of this non-hazardous soil is approximately 3,000 cubic yards, or approximately 4,800 tons.

5. Contaminated Soil Disposal

The soil generated during the Phase 2 redevelopment will be characterized and disposed of off-Site and in accordance with local, state, and federal regulations.

Based on requirements from the disposal facilities being solicited for quotes, the "Contained-In" non-hazardous areas were sampled for VOCs, SVOCs, pesticides, PCBs, and metals (these data are provided in Table 3 and the Form 1 sheets from the laboratory data reports for these samples are in Attachment 1). The non-hazardous soil is expected to go to the Camillus Landfill on Bell Isle Road in Camillus, NY and/or Seneca Meadows in Seneca Falls, NY.

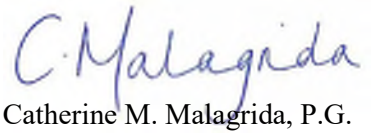
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1 A comparison of the CVOC soil data within the Phase 2 redevelopment zone to the TAGM 3028 Contained-In Action Levels is provided in Table 2. Figure 3 also includes a depiction of this CVOC data.

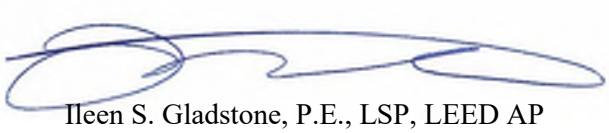
If you have any questions or comments regarding the information presented in this report, please contact Ms. Ileen Gladstone at (781) 424-9924 or igladstonegeiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC., P.C.



Catherine M. Malagrida, P.G.
Project Manager



Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

WLM/CMM/ISG:jam

Attachments:

Table 1A. – Site-Wide VOC Soil Analytical Results
Table 1B – Site-Wide Other Constituents Soil Analytical Results
Table 2 – Phase 2 Work Area Contained-In Evaluation
Table 3 – Phase 2 Work Area Waste Characterization Results

Fig. 1 – Property Location Map
Fig. 2 – Site Plan
Fig. 3 – Phase 2 Work Area Soil Assessment -CVOCs

Attachment 1 – Form 1 Laboratory Data

c: Timothy Cosgrave, UniFirst

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Tables

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11) Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: MW1 (7.5-8.5) 5/27/2020 L2021883-04	MW2 (12-12.5) 5/28/2020 L2022244-01	TW1 (4-5') 5/27/2020 L2021883-06	TW2 (4-5') 5/26/2020 L2021883-01	TW3 (6-7') 5/27/2020 L2021883-07	TW3 (12-13') 5/27/2020 L2021883-05	TW4 (1-2') 5/26/2020 L2021883-02	TW4 (3-4') 5/26/2020 L2021883-03	B101 (1) 6/23/2020 L2026478-08
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.00047	<0.036	<0.00043	<0.00043	<0.034	**0.00018 J**	<0.00048	<0.00044	<0.00045
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.00094	<0.072	<0.00086	<0.00086	<0.067	<0.00076	<0.00096	<0.00087	<0.0009
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.00094	<0.072	<0.00086	<0.00086	**0.023 J**	**0.00024 J**	**0.011**	**0.00012 J**	<0.0009
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.00094	<0.072	<0.00086	<0.00086	<0.067	**0.00047 J**	**0.0028**	**0.0003 J**	<0.0009
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.0019	<0.14	<0.0017	<0.0017	<0.13	**0.00094 J**	**0.012**	**0.0005 J**	<0.0018
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	**0.0069 J**	<0.72	**0.0079 J**	**0.068**	<0.67	**0.012**	**0.025**	**0.1**	**0.017**
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.0019	<0.14	<0.0017	<0.0017	<0.13	<0.0015	<0.0019	<0.0017	<0.0018
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.0019	<0.14	<0.0017	<0.0017	<0.13	<0.0015	<0.0019	<0.0017	<0.0018
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.00047	<0.036	<0.00043	<0.00043	<0.034	<0.00038	<0.00048	<0.00044	<0.00045
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.0014	<0.11	<0.0013	<0.0013	**0.017 J**	**0.00012 J**	<0.0014	**0.00021 J**	<0.0014
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.0094	<0.72	<0.0086	<0.0086	<0.67	**0.00089 J**	**0.013**	**0.0086 J**	<0.009
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.00094	<0.072	<0.00086	<0.00086	<0.067	**0.00082**	<0.00096	<0.00087	<0.0009
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	**0.0017**	**0.5**	<0.00086	<0.00086	<0.067	**0.9**	<0.00096	<0.00087	<0.0009
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	<0.0014	<0.11	<0.0013	<0.0013	<0.1	**0.0014**	<0.0014	<0.0013	<0.0014
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.00094	<0.072	<0.00086	<0.00086	**0.055 J**	**0.00046 J**	**0.017**	**0.00013 J**	<0.0009
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.0038	<0.29	<0.0034	**0.0022 J**	**0.29**	<0.003	<0.0038	<0.0035	<0.0036
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	<0.0094	<0.72	<0.0086	**0.0065 J**	<0.67	<0.0076	<0.0096	**0.025**	<0.009
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.0019	<0.14	<0.0017	<0.0017	<0.13	<0.0015	<0.0019	<0.0017	<0.0018
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.0094	<0.72	<0.0086	<0.0086	<0.67	<0.0076	<0.0096	<0.0087	<0.009
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.0038	<0.29	<0.0034	<0.0034	**0.065 J**	**0.005**	**0.082**	**0.008**	<0.0036
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.0047	<0.36	<0.0043	<0.0043	<0.34	<0.0038	<0.0048	<0.0044	<0.0045
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	<0.00047	**4.7**	<0.00043	<0.00043	<0.034	**59**	<0.00048	<0.00044	**0.00018 J**
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	<0.00047	**0.31**	<0.00043	<0.00043	<0.034	**1**	<0.00048	<0.00044	<0.00045
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	<0.00094	<0.072	<0.00086	<0.00086	<0.067	**0.06**	<0.00096	<0.00087	<0.0009

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
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13 Orange shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
14. Red shading and bolding indicates that the detected result value exceeds the Industrial SCO
15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11) Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: B102 (1) 6/23/2020 L2026478-09	B103 (2.5) 6/23/2020 L2026478-10	B104 (2.5) 6/23/2020 L2026478-01	B105 (2.5) 6/23/2020 L2026478-06	B105 (7.5) 6/23/2020 L2026478-07	B106 (2.5) 6/23/2020 L2026478-04	B106 (7.5) 6/23/2020 L2026478-05	B107 (2.5) 6/23/2020 L2026478-02	B107 (7.5) 6/23/2020 L2026478-03
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.00026	<0.00033	<0.0003	<0.00026	<0.00035	<0.00041	<0.00065	<0.00034	<0.00048
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.00051	<0.00067	<0.00061	<0.00053	<0.00071	<0.00081	<0.0013	<0.00069	<0.00097
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.00051	<0.00067	<0.00061	<0.00053	<0.00071	<0.00081	<0.0013	<0.00069	<0.00097
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.00051	<0.00067	<0.00061	<0.00053	<0.00071	<0.00081	<0.0013	<0.00069	<0.00097
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.001	<0.0013	<0.0012	<0.001	<0.0014	<0.0016	<0.0026	<0.0014	<0.0019
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	**0.0077**	**0.017**	**0.031**	<0.0053	<0.0071	**0.013**	**0.06**	**0.013**	**0.014**
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.001	<0.0013	<0.0012	<0.001	<0.0014	<0.0016	<0.0026	<0.0014	<0.0019
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.001	<0.0013	<0.0012	<0.001	<0.0014	<0.0016	<0.0026	<0.0014	<0.0019
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.00026	<0.00033	<0.0003	<0.00026	<0.00035	<0.00041	<0.00065	<0.00034	<0.00048
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.00077	<0.001	<0.00092	**0.00008 J**	<0.0011	<0.0012	<0.002	<0.001	<0.0014
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.0051	<0.0067	<0.0061	<0.0053	<0.0071	<0.0081	<0.013	<0.0069	<0.0097
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.00051	<0.00067	<0.00061	<0.00053	<0.00071	<0.00081	<0.0013	<0.00069	<0.00097
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	<0.00051	<0.00067	<0.00061	<0.00053	<0.00071	**0.00016 J**	<0.0013	<0.00069	<0.00097
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	<0.00077	<0.001	<0.00092	<0.00079	<0.0011	<0.0012	<0.002	<0.001	<0.0014
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.00051	<0.00067	<0.00061	<0.00053	<0.00071	<0.00081	<0.0013	<0.00069	**0.00012 J**
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.002	<0.0027	<0.0024	<0.0021	<0.0028	<0.0032	<0.0052	<0.0028	<0.0039
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	<0.0051	**0.0038 J**	**0.0059 J**	<0.0053	<0.0071	<0.0081	**0.011 J**	<0.0069	<0.0097
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.001	<0.0013	<0.0012	<0.001	<0.0014	<0.0016	<0.0026	<0.0014	<0.0019
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.0051	<0.0067	<0.0061	<0.0053	<0.0071	<0.0081	<0.013	<0.0069	<0.0097
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.002	<0.0027	<0.0024	<0.0021	<0.0028	<0.0032	<0.0052	<0.0028	<0.0039
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.0026	<0.0033	<0.003	<0.0026	<0.0035	<0.0041	<0.0065	<0.0034	<0.0048
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	<0.00026	<0.00033	<0.0003	**0.00026**	<0.00035	<0.00041	<0.00065	**0.00016 J**	**0.0002 J**
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	<0.00026	<0.00033	<0.0003	<0.00026	<0.00035	<0.00041	<0.00065	<0.00034	<0.00048
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	<0.00051	<0.00067	<0.00061	<0.00053	<0.00071	<0.00081	<0.0013	<0.00069	<0.00097

Notes:
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3. CAS No. = Chemical Abstracts Service Number
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6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
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16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
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UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11) Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: B108 (12.5) 6/23/2020 L2026478-11	B108 (14) 6/23/2020 L2029103-01	B108 (18) 6/23/2020 L2026476-03	B109 (10.5) 6/24/2020 L2026675-01	B109 (15) 6/24/2020 L2026675-02	B109 (19) 6/24/2020 L2026679-03	B110 (2.5) 6/24/2020 L2026675-03	B110 (15) 6/24/2020 L2026679-05	B111 (7.5) 6/24/2020 L2026675-04
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.048	<0.12	<0.031	<0.083	<0.13	<0.14	<0.00041	<0.021	<0.00051
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.097	<0.23	<0.062	<0.16	<0.26	<0.27	<0.00083	<0.043	<0.001
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.097	<0.23	<0.062	<0.16	<0.26	<0.27	<0.00083	<0.043	<0.001
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.097	<0.23	<0.062	<0.16	<0.26	<0.27	<0.00083	<0.043	<0.001
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.19	<0.47	<0.12	<0.33	<0.52	<0.54	<0.0016	<0.086	<0.002
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	<0.97	<2.3	<0.62	<1.6	<2.6	<2.7	**0.018**	<0.43	**0.0068** J
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.19	<0.47	<0.12	<0.33	<0.52	<0.54	<0.0016	<0.086	<0.002
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.19	<0.47	<0.12	<0.33	<0.52	<0.54	<0.0016	<0.086	<0.002
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.048	<0.12	<0.031	<0.083	<0.13	<0.14	<0.00041	<0.021	<0.00051
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.14	<0.35	<0.092	<0.25	<0.39	<0.41	<0.0012	<0.064	<0.0015
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.97	<2.3	<0.62	<1.6	<2.6	<2.7	<0.0083	<0.43	<0.01
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.097	<0.23	**0.027** J	<0.16	<0.26	<0.27	<0.00083	<0.043	<0.001
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	**3.8**	**5.3**	**3.5**	**9.8**	**3.7**	**5.8**	**0.00017** J	**0.88**	**0.0007** J
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	<0.14	<0.35	**0.011** J	**0.046** J	<0.39	<0.41	<0.0012	<0.064	<0.0015
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.097	<0.23	<0.062	<0.16	<0.26	<0.27	<0.00083	<0.043	<0.001
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.39	<0.93	<0.25	<0.66	<1	<1.1	<0.0033	<0.17	<0.004
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	<0.97	<2.3	<0.62	<1.6	<2.6	<2.7	<0.0083	<0.43	<0.01
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.19	<0.47	<0.12	<0.33	<0.52	<0.54	<0.0016	<0.086	<0.002
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.97	<2.3	<0.62	<1.6	<2.6	<2.7	<0.0083	<0.43	<0.01
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.39	<0.93	<0.25	<0.66	<1	<1.1	<0.0033	<0.17	<0.004
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.48	<1.2	<0.31	**0.43** J	<1.3	<1.4	<0.0041	<0.21	<0.0051
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	**42**	**140**	**26**	**59**	**130**	**100**	**0.0033**	**25**	<0.00051
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	**1.4**	**3.6**	**4.2**	**4.1**	**3.6**	**3.7**	<0.00041	**0.68**	<0.00051
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	**0.12**	<0.23	**0.21**	**0.52**	**0.13** J	**0.12** J	<0.00083	<0.043	**0.00047** J

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
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9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
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11. Bolding indicates a detected result concentration
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13 Orange shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
14. Red shading and bolding indicates that the detected result value exceeds the Industrial SCO
15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11): Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: B111 (15) 6/24/2020 L2026679-07	B112 (15) 6/24/2020 L2026679-09	B112 (19) 6/24/2020 L2026679-11	B201 (4-5) 3/6/2021 L2111243-12	B201 (11-12) 3/6/2021 L2111243-15	B202 (6-7) 2/28/2021 L2110097-06	B202 (11-12) 2/28/2021 L2112919-01	B202 (15-16) 2/28/2021 L2112919-02	B202 (19-20) 2/28/2021 L2110097-07
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.00037	**0.00038**	<0.11	<0.033	<0.16	<0.026	<0.032	<0.15	<3.4
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.00073	<0.0006	<0.22	<0.067	<0.32	<0.052	<0.065	<0.3	<6.8
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.00073	<0.0006	<0.22	<0.067	<0.32	<0.052	<0.065	<0.3	<6.8
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.00073	<0.0006	<0.22	<0.067	<0.32	<0.052	<0.065	<0.3	<6.8
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.0015	<0.0012	<0.45	<0.13	<0.65	<0.1	<0.13	<0.61	<14
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	<0.0073	<0.006	<2.2	**0.4** J	<3.2	<0.52	<0.65 UJ	<3 UJ	<68
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.0015	<0.0012	<0.45	<0.13	<0.65	<0.1	<0.13 UJ	<0.61 UJ	<14
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.0015	<0.0012	<0.45	<0.13	<0.65	<0.1	<0.13 UJ	<0.61 UJ	<14
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.00037	<0.0003	<0.11	<0.033	<0.16	<0.026	<0.032 UJ	**0.091** J	<3.4
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.0011	<0.0009	<0.34	**0.0098** J	<0.49	<0.077	<0.097 UJ	<0.46 UJ	<10
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.0073	<0.006	<2.2	<0.67	<3.2	<0.52	<0.65 UJ	<3 UJ	<68
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.00073	**0.00066**	<0.22	<0.067	<0.32	<0.052	<0.065 UJ	<0.3 UJ	<6.8
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	**0.016**	0.78	0.89	0.32	5.3	**0.17**	9.9 J	2.2 J	13
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	<0.0011	**0.0011**	<0.34	<0.1	<0.49	<0.077	**0.054** J	<0.46 UJ	<10
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.00073	<0.0006	<0.22	<0.067	<0.32	<0.052	<0.065 UJ	<0.3 UJ	<6.8
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.0029	<0.0024	<0.9	**0.1** J	<1.3	<0.21	<0.26 UJ	<1.2 UJ	<27
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	<0.0073	<0.006	<2.2	<0.67	<3.2	<0.52	<0.65 UJ	<3 UJ	<68
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.0015	<0.0012	<0.45	<0.13	<0.65	<0.1	<0.13 UJ	<0.61 UJ	<14
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.0073	<0.006	<2.2	<0.67	<3.2	<0.52	<0.65 UJ	<3 UJ	<68
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.0029	<0.0024	<0.9	<0.27	<1.3	<0.21	<0.26 UJ	<1.2 UJ	<27
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.0037	<0.003	<1.1	<0.33	<1.6	<0.26	<0.32 UJ	<1.5 UJ	<34
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	<0.00037	**0.00042**	84	4	140	2.4	12 J	130 J	1700
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	<0.00037	**0.0003**	1.2	**0.15**	3.8	**0.082**	3.6 J	2 J	16
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	<0.00073	**0.0099**	<0.22	<0.067	<0.32	<0.052	0.34 J	<0.3 UJ	<6.8

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
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16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
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E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11) Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: B203 (3-4) 3/6/2021 L2114867-03	B203 (11-12) 3/7/2021 L2111243-30	B204 (2.5-3.5) 2/27/2021 L2110097-01	B204 5N 5/24/2022 L2227583-05	B204 5S 5/24/2022 L2227583-06	B204 5E 5/24/2022 L2227583-07	B204 10E 5/24/2022 L2228385-01	B204 20E 6/3/2022 L2229284-01	B204 5W 5/24/2022 L2227583-08	B205 (6-7) 2/27/2021 L2110097-03
BTEX															
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.00046	<0.064	<0.044	<0.04	<0.039	<0.065	<0.028	<0.023	<0.00052	<0.00045
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.00092	<0.13	<0.089	**0.068 J**	<0.078	<0.13	<0.056	<0.047	<0.001	<0.00091
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.00092	<0.13	<0.089	**0.033 J**	<0.078	<0.13	**2.2**	**0.011 J**	<0.001	<0.00091
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.00092	<0.13	<0.089	**0.15 J**	<0.16	**0.19 J**	**10**	**0.054 J**	<0.0021	<0.00091
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.0018	<0.26	<0.18	**0.1**	<0.078	**0.089 J**	**7.3**	**0.044 J**	<0.001	<0.0018
Volatile Organics Compounds (VOCs)															
Acetone	67-64-1	0.05	0.05	1000	mg/kg	**0.034 UJ**	<1.3	<0.89	<0.79	<0.78	<1.3	<0.56	<0.47	<0.01	**0.04**
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.0018	<0.26	<0.18	<0.16	<0.16	<0.26	<0.11	<0.094	<0.0021	<0.0018
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.0018 UJ	<0.26	<0.18	**0.047 J**	<0.16	<0.26	<0.11	<0.094	<0.0021	<0.0018
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.00046	<0.064	<0.044	<0.04	<0.039	<0.065	<0.028	<0.023	<0.00052	<0.00045
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.0014	<0.19	<0.13	**0.018 J**	**0.029 J**	**0.25**	**0.039 J**	<0.07	**0.00039 J**	<0.0014
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.0092	<1.3	<0.89	<0.79	<0.78	**0.15 J**	<0.56	<0.47	<0.01	<0.0091
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.00092	<0.13	<0.089	<0.079	<0.078	<0.13	<0.056	<0.047	<0.001	**0.00041 J**
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	<0.00092	**0.58**	**9.3**	**1.3**	**0.45**	**38**	**6.8**	**0.24**	**0.007**	**2.5**
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	<0.0014	<0.19	**0.044 J**	<0.12	<0.12	**0.21**	**0.048 J**	<0.07	<0.0016	**0.0013 J**
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.00092	<0.13	<0.089	<0.079	<0.078	<0.13	**0.14**	<0.047	<0.001	<0.00091
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.0037	<0.51	<0.36	**0.52**	<0.31	<0.52	**2.8**	**0.07 J**	<0.0041	<0.0036
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	**0.0032 J**	<1.3	<0.89	<0.79	<0.78	<1.3	<0.56	<0.47	<0.01	<0.0091
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.0018	<0.26	<0.18	<0.16	<0.16	<0.26	<0.11	<0.094	<0.0021	<0.0018
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.0092	<1.3	<0.89	<0.79	<0.78	<1.3	**12**	<0.47	<0.01	<0.0091
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.0037	<0.51	<0.36	<0.32	<0.31	**0.48 J**	**0.046 J**	<0.19	<0.0041	<0.0036
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.0046	<0.64	<0.44	<0.4	<0.39	<0.65	<0.28	<0.23	<0.0052	<0.0045
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	**0.00067**	**45**	**37**	**4.1**	**4.5**	**90 E**	**19 E**	**2.3**	**0.013**	**0.012**
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	<0.00046	**2.1**	**2.9**	**0.39**	**0.27**	**9.5**	**1.9**	**0.12**	**0.0012**	**0.0088**
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	<0.00092	<0.13	<0.089	<0.079	<0.078	<0.13	<0.056	<0.047	<0.001	**0.11**

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
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16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11) Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: B205 (16-17) 2/27/2021 L2110097-05	B206 (4.5-5) 2/28/2021 L2110097-09	B206 (15-16) 2/28/2021 L2110097-11	B207 (3-4) 3/6/2021 L2111243-19	B207 (7-8) 3/7/2021 L2111243-23	B207 (10-11) 3/7/2021 L2114867-04	B207 (15-16) 3/7/2021 L2111243-26	B207 (18-19) 3/7/2021 L2114867-05	B208 (7-8) 3/6/2021 L2114867-01
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.061	<0.00055	<0.034	<0.00042	<0.033	<0.31	<0.13	<0.07	<0.033
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.12	<0.0011	<0.067	<0.00085	<0.067	<0.62	<0.26	<0.14	<0.066
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.12	<0.0011	<0.067	<0.00085	<0.067	<0.62	<0.26	<0.14	<0.066
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.12	<0.0011	<0.067	<0.00085	<0.067	<0.62	<0.26	<0.14	<0.066
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.24	<0.0022	<0.13	<0.0017	<0.13	<1.2	<0.53	<0.28	<0.13
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	<1.2	**0.08**	<0.67	**0.007** J	<0.67	<6.2	<2.6	<1.4 UJ	<0.66 UJ
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.24	<0.0022	<0.13	<0.0017	<0.13	<1.2	<0.53	<0.28	<0.13
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.24	<0.0022	<0.13	<0.0017	<0.13	<1.2	<0.53	<0.28 UJ	<0.13 UJ
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.061	<0.00055	<0.034	<0.00042	<0.033	<0.31	<0.13	<0.07	<0.033
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.18	<0.0016	<0.1	<0.0013	<0.1	<0.93	<0.39	<0.21	<0.099
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<1.2	<0.011	<0.67	<0.0085	<0.67	<6.2	<2.6	<1.4	<0.66
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.12	<0.0011	<0.067	<0.00085	<0.067	<0.62	<0.26	<0.14	<0.066
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	**2.7**	**0.0018**	**0.32**	**0.00042** J	**2.1**	**5.4**	**1**	**0.51**	**6.9**
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	<0.18	<0.0016	<0.1	<0.0013	**0.011** J	<0.93	<0.39	<0.21	**0.024** J
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.12	<0.0011	<0.067	<0.00085	<0.067	<0.62	<0.26	<0.14	<0.066
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.49	<0.0044	<0.27	<0.0034	<0.27	<2.5	<1	<0.56	<0.26
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	<1.2	**0.012**	**0.23** J	<0.0085	<0.67	<6.2	<2.6	<1.4	<0.66
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.24	<0.0022	<0.13	<0.0017	<0.13	<1.2	<0.53	<0.28	<0.13
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<1.2	<0.011	<0.67	<0.0085	<0.67	<6.2	<2.6	<1.4	<0.66
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.49	<0.0044	<0.27	<0.0034	<0.27	<2.5	<1	<0.56	<0.26
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.61	<0.0055	<0.34	<0.0042	<0.33	<3.1	<1.3	<0.7	<0.33
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	**50**	**0.0045**	**41**	**0.0045**	**12**	**320**	**120**	**67**	**5.4**
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	**3.3**	<0.00055	**1.2**	**0.00013** J	**2**	**5.1**	**4.8**	**4.9**	**2.8**
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	<0.12	<0.0011	<0.067	<0.00085	**0.11**	**0.25** J	<0.26	<0.14	<0.066

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
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Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11): Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: B208 (9-10) 3/6/2021 L2114867-02	B208 (11-12) 3/6/2021 L2111243-04	B209 (6-7) 2/28/2021 L2110097-12	B209 (14-15) 2/28/2021 L2110097-13	B210(4-5) 3/6/2021 L2111243-07	B210(6-7) 3/6/2021 L2111243-08	DUP 030621-1 3/6/2021 L2111243-18	B211 (6-7) 3/1/2021 L2110097-16	B212 (8-9) 3/1/2021 L2110097-14
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.028	<1.3	<0.00052	<0.0005	<0.00044	<0.00044 UJ	<0.00053	<0.00054	<0.00048
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.056	<2.6	<0.001	<0.001	<0.00088	<0.00087 UJ	<0.0011	<0.0011	<0.00096
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.056	<2.6	<0.001	<0.001	<0.00088	<0.00087 UJ	<0.0011	<0.0011	<0.00096
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.056	<2.6	<0.001	<0.001	<0.00088	<0.00087 UJ	<0.0011	<0.0011	<0.00096
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.11	<5.2	<0.0021	<0.002	<0.0018	<0.0017 UJ	<0.0021	<0.0022	<0.0019
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	<0.58	<26	**0.021**	<0.01	**0.0055 J**	**0.0076**	**0.0098 J**	<0.011	<0.0096
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.11	<5.2	<0.0021	<0.002	**0.04 J**	<0.0017 UJ	<0.0021	<0.0022	<0.0019
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.11	<5.2	<0.0021	<0.002	<0.12	<0.0017 UJ	<0.0021	<0.0022	<0.0019
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.028	<1.3	<0.00052	<0.0005	<0.00044	<0.00044 UJ	<0.00053	<0.00054	<0.00048
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.084	<3.9	<0.0016	<0.0015	<0.0013	<0.0013 UJ	<0.0016	<0.0016	<0.0014
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.56	<26	<0.01	<0.01	<0.0088	<0.0087	<0.011	<0.011	<0.0096
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.056	<2.6	<0.001	**0.00087 J**	<0.00088	<0.00087 UJ	<0.0011	<0.0011	<0.00096
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	**5.8**	**4.1**	**0.0027**	**0.23**	**0.01 J**	<0.00087 UJ	**0.00067 J**	<0.0011	**0.01**
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	**0.022 J**	<3.9	<0.0016	**0.004**	<0.0013	<0.0013 UJ	<0.0016	<0.0016	<0.0014
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.056	<2.6	<0.001	<0.001	<0.00088	<0.00087 UJ	<0.0011	<0.0011	<0.00096
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.22	<10	<0.0042	<0.004	<0.0035	**0.0013**	<0.0043	<0.0044	<0.0038
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	<0.56	<26	<0.01	<0.01	<0.58	<0.0087 UJ	<0.011	<0.011	<0.0096
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.11	<5.2	<0.0021	<0.002	<0.0018	<0.0017 UJ	<0.0021	<0.0022	<0.0019
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.56	<26	<0.01	<0.01	<0.0088	<0.0087 UJ	<0.011	<0.011	<0.0096
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.22	<10	<0.0042	<0.004	<0.0035	<0.0035 UJ	<0.0043	<0.0044	<0.0038
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.28	<13	<0.0052	<0.005	<0.0044	<0.0044 UJ	<0.0053	<0.0054	<0.0048
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	**34**	**1100**	**0.0027**	**0.017**	**0.78**	**0.012 J**	**0.033**	**0.002**	**0.044**
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	**4.7**	**8.5**	<0.00052	**0.083**	**0.014 J**	<0.00044 UJ	<0.00053	<0.00054	**0.0016**
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	<0.056	<2.6	**0.0028**	**0.0069**	<0.00088	<0.00087	<0.0011	<0.0011	<0.00096

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
11. Bolding indicates a detected result concentration
12. Shading and bolding indicates that the detected concentration is above the guidance it was compared to
13 Orange shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
14. Red shading and bolding indicates that the detected result value exceeds the Industrial SCO
15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11) Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: B301 (14-16) 4/24/2021 L2121085-04	DUP-042421 4/24/2021 L2121085-07	B302 (12-14) 4/24/2021 L2121085-12	B303 (10-12) 4/24/2021 L2121085-17	B304 (10-12) 4/24/2021 L2121085-23	B305 (12-14) 4/24/2021 L2121085-30	B306 (14-16) 4/24/2021 L2121085-37	B213 (0-5') 11/6/2021 L2161381-01	B213 (16-18') 11/6/2021 L2161381-05
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.00081	<0.00026	<0.00037	**0.00027 J**	<0.0004	<0.00021	<0.0003	**0.00017 J**	<0.0004
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.0016	<0.00053	<0.00074	<0.00078	<0.0008	<0.00042	<0.00061	**0.00027 J**	<0.0008
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.0016	<0.00053	<0.00074	<0.00078	<0.0008	<0.00042	<0.00061	**0.00008 J**	**0.00027 J**
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.0016	<0.00053	<0.00074	<0.00078	<0.0008	<0.00042	<0.00061	<0.00049	**0.00037 J**
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.0032	<0.0011	<0.0015	<0.0016	<0.0016	<0.00085	<0.0012	**0.0003 J**	**0.0007 J**
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	<0.016	<0.0053	**0.031**	<0.0078	**0.024**	**0.0038 J**	**0.0037 J**	**0.0098**	**0.0083**
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.0032	<0.0011	<0.0015	<0.0016	<0.0016	<0.00085	<0.0012	<0.00098	<0.0016
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.0032	<0.0011	<0.0015	<0.0016	<0.0016	<0.00085	<0.0012	<0.00098	<0.0016
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.00081	<0.00026	<0.00037	<0.00039	<0.0004	<0.00021	<0.0003	<0.00024	<0.0004
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.0024	<0.0008	<0.0011	<0.0012	<0.0012	<0.00064	<0.00091	<0.00074	<0.0012
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.016	<0.0053	<0.0074	<0.0078	<0.008	<0.0042	<0.0061	<0.0049	<0.008
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.0016	<0.00053	<0.00074	<0.00078	<0.0008	<0.00042	<0.00061	<0.00049	**0.0034**
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	**0.00074 J**	<0.00053	<0.00074	**0.0063**	**0.00032 J**	<0.00042	<0.00061	<0.00049	**0.6 H**
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	<0.0024	<0.0008	<0.0011	**0.00015 J**	<0.0012	<0.00064	<0.00091	<0.00074	**0.003**
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.0016	<0.00053	<0.00074	<0.00078	<0.0008	<0.00042	<0.00061	<0.00049	**0.00012 J**
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.0064	<0.0021	<0.003	<0.0031	<0.0032	<0.0017	<0.0024	<0.002	<0.0032
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	<0.016	<0.0053	**0.0072 J**	<0.0078	**0.0052 J**	<0.0042	<0.0061	**0.0014 J**	**0.0024 J**
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	**0.00044 J**	**0.00014 J**	<0.0015	**0.00036 J**	<0.0016	<0.00085	**0.00013 J**	<0.00098	<0.0016
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.016	<0.0053	<0.0074	<0.0078	<0.008	<0.0042	<0.0061	<0.0049	<0.008
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.0064	<0.0021	<0.003	<0.0031	<0.0032	<0.0017	<0.0024	<0.002	<0.0032
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.0081	<0.0026	<0.0037	<0.0039	<0.004	<0.0021	<0.003	<0.0024	<0.004
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	<0.00081	<0.00026	<0.00037	<0.00039	<0.0004	<0.00021	<0.0003	**0.00013 J**	**31 EH**
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	<0.00081	<0.00026	<0.00037	<0.00039	<0.0004	<0.00021	<0.0003	<0.00024	**1.4 H**
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	**0.0077**	**0.0025**	<0.00074	**0.0015**	<0.0008	<0.00042	**0.0002 J**	<0.00049	**0.0034**

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
11. Bolding indicates a detected result concentration
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13 Orange shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
14. Red shading and bolding indicates that the detected result value exceeds the Industrial SCO
15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11) Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: B214 (0-5') 11/7/2021 L2161384-08	B214 (12-14') 11/7/2021 L2161384-10	B214 (18-20') 11/7/2021 L2165369-02	B215 (0-5) 11/13/2021 L2162707-03	B215 (12-14) 11/13/2021 L2166646-01	B215 (18-20) 11/13/2021 L2162707-08	B216 (0-5) 11/13/2021 L2162707-09	B216 (12-14) 11/13/2021 L2162707-11	B217 (0-5') 11/7/2021 L2161384-01
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.041	<0.58	<0.086	**0.00027** J	<0.085	<0.059	**0.00032** J	<0.034	<0.00072
Toluene	108-88-3	0.7	0.7	1000	mg/kg	**0.074** J	<1.2	<0.17	<0.001	<0.17	<0.12	**0.00057** J	<0.067	<0.0014
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.082	<1.2	<0.17	<0.001	<0.17	<0.12	<0.00098	<0.067	<0.0014
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.082	<1.2	<0.17	<0.001	<0.17	<0.12	**0.00038** J	<0.067	<0.0014
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.16	<2.3	<0.34	<0.0021	<0.34	<0.23	<0.002	<0.13	<0.0029
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	**0.57** J	<12	<1.7	<0.01	<1.7	<1.2	<0.0098	<0.67	**0.02**
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.16	<2.3	<0.34	<0.0021	<0.34	<0.23	<0.002	<0.13	<0.0029
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.16	<2.3	<0.34	<0.0021	<0.34	<0.23	<0.002	<0.13	<0.0029
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.041	<0.58	<0.086	<0.00052	<0.085	<0.059	<0.00049	<0.034	<0.00072
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.12	<1.7	**0.028** J	**0.00039** J	**0.027** J	<0.18	<0.0015	<0.1	<0.0022
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.82	<12	<1.7	<0.01	<1.7	<1.2	<0.0098	<0.67	<0.014
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.082	<1.2	<0.17	<0.001	<0.17	<0.12	<0.00098	<0.067	<0.0014
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	**0.6**	**11**	**8.9**	**0.00062** J	**0.38**	**1.3**	**0.0032**	**0.46**	**0.00056** J
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	**0.016** J	<1.7	<0.26	<0.0016	<0.26	<0.18	<0.0015	<0.1	<0.0022
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	<0.082	<1.2	<0.17	<0.001	<0.17	<0.12	<0.00098	<0.067	**0.0072**
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	**0.79**	<4.6	<0.69	<0.0041	<0.68	<0.47	<0.0039	<0.27	<0.0058
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	**0.2** J	<12	<1.7	<0.01	<1.7	<1.2	<0.0098	<0.67	**0.0049** J
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.16	<2.3	<0.34	<0.0021	<0.34	<0.23	<0.002	<0.13	<0.0029
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.82	<12	<1.7	<0.01	<1.7	<1.2	<0.0098	<0.67	<0.014
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.33	<4.6	<0.69	<0.0041	<0.68	<0.47	<0.0039	<0.27	**0.00087** J
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.41	<5.8	<0.86	<0.0052	<0.85	<0.59	<0.0049	<0.34	<0.0072
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	**6.6**	**580** E	**81** E	**0.0033**	**72** E	**51** E	**0.022**	**8.2**	<0.00072
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	**0.46**	**10**	**4.5**	**0.00029** J	**2.7**	**4.5**	**0.00064**	**0.47**	<0.00072
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	<0.082	<1.2	**0.4**	<0.001	<0.17	<0.12	<0.00098	<0.067	<0.0014

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
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14. Red shading and bolding indicates that the detected result value exceeds the Industrial SCO
15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

						LOCATION	B217 (12-14')	DUP-1 (11/7/21)	B217 (18-20')	TP101 (4)	TP102 (3.5)	TP103 (5)	TP104 (3)	TP104 (3)	TP105 (7)
						SAMPLING DATE	11/7/2021	11/7/2021	11/7/2021	3/9/2021	3/9/2021	3/9/2021	3/9/2021	3/9/2021	3/9/2021
						LAB SAMPLE ID	L2161384-03	L2161384-07	L2165369-01	L2111802-01	L2111802-02	L2111802-03	L2111802-04	L2111802-04 R1	L2111802-05
		Soil Cleanup Objective (SCO) (see note 11)													
Analyte	**CAS No.**	**Protection of Groundwater**	**Unrestricted Use**	**Industrial**	**Units**										
BTEX															
Benzene	71-43-2	0.06	0.06	89	mg/kg		<0.3	<0.34	<0.037	<0.0004	<0.00058	<0.00044	<0.00035	<0.00042	<0.00055
Toluene	108-88-3	0.7	0.7	1000	mg/kg		<0.59	<0.69	<0.075	<0.00079	<0.0012	<0.00088	<0.00071	<0.00083	<0.0011
Ethylbenzene	100-41-4	1	1	780	mg/kg		<0.59	<0.69	<0.075	<0.00079	<0.0012	<0.00088	<0.00071	<0.00083	<0.0011
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg		<0.59	<0.69	<0.075	<0.00079	<0.0012	<0.00088	<0.00071	<0.00083	<0.0011
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg		<1.2	<1.4	<0.15	<0.0016	<0.0023	<0.0018	<0.0014	<0.0017	<0.0022
Volatile Organics Compounds (VOCs)															
Acetone	67-64-1	0.05	0.05	1000	mg/kg		<5.9	<6.9	<0.75	**0.0065** J	**0.034**	**0.03**	**0.018**	**0.017** J	**0.047**
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg		<1.2	<1.4	<0.15	<0.0016	<0.0023	<0.0018	<0.0014	<0.0017 UJ	<0.0022
Bromomethane	74-83-9	NE	NE	NE	mg/kg		<1.2	<1.4	<0.15	<0.0016	<0.0023	<0.0018	<0.0014	<0.0017 UJ	<0.0022
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg		<0.3	<0.34	<0.037	<0.0004	<0.00058	<0.00044	<0.00035	<0.00042 UJ	<0.00055
Chloroform	67-66-3	0.37	0.37	700	mg/kg		<0.89	<1	**0.012** J	**0.00054** J	<0.0017	<0.0013	<0.0011	<0.0012 UJ	<0.0016
Cyclohexane	110-82-7	NE	NE	NE	mg/kg		<5.9	<6.9	<0.75	<0.0079	<0.012	<0.0088	<0.0071	<0.0083 UJ	<0.011
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg		<0.59	<0.69	<0.075	<0.00079	<0.0012	<0.00088	<0.00071	<0.00083 UJ	<0.0011
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg		**1.3**	**0.49** J	**0.61**	<0.00079	<0.0012	<0.00088	<0.00071	<0.00083 UJ	<0.0011
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg		<0.89	<1	<0.11	<0.0012	<0.0017	<0.0013	<0.0011	<0.0012 UJ	<0.0016
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg		<0.59	<0.69	<0.075	<0.00079	<0.0012	**0.00012** J	<0.00071	<0.00083 UJ	<0.0011
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg		<2.4	<2.7	<0.3	<0.0032	<0.0046	<0.0035	<0.0028	<0.0033 UJ	<0.0044
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg		<5.9	<6.9	<0.75	<0.0079	**0.003** J	**0.0055** J	<0.0071	<0.0083 UJ	**0.0056** J
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg		<1.2	<1.4	<0.15	<0.0016	<0.0023	<0.0018	<0.0014	<0.0017 UJ	<0.0022
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg		<5.9	<6.9	<0.75	<0.0079	<0.012	<0.0088	<0.0071	<0.0083 UJ	<0.011
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg		<2.4	<2.7	<0.3	<0.0032	<0.0046	<0.0035	<0.0028	<0.0033 UJ	<0.0044
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg		<3	<3.4	<0.37	<0.004	<0.0058	<0.0044	<0.0035	<0.0042 UJ	<0.0055
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg		**330** E	**320** E	**22**	**0.0058**	<0.00058	<0.00044	<0.00035	<0.00042 UJ	<0.00055
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg		**5.8**	**3.4**	**1.1**	**0.00043**	<0.00058	<0.00044	<0.00035	<0.00042 UJ	<0.00055
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg		<0.59	<0.69	<0.075	<0.00079	<0.0012	<0.00088	<0.00071	<0.00083 UJ	<0.0011

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
11. Bolding indicates a detected result concentration
12. Shading and bolding indicates that the detected concentration is above the guidance it was compared to
13 Orange shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
14. Red shading and bolding indicates that the detected result value exceeds the Industrial SCO
15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:

J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Analyte	CAS No.	Soil Cleanup Objective (SCO) (see note 11): Protection of Groundwater	Unrestricted Use	Industrial	Units	LOCATION / SAMPLING DATE / LAB SAMPLE ID: TP106 (6) 3/9/2021 L2111802-06 R1	TP107 (4) 3/9/2021 L2111802-07	TP108 (4) 3/9/2021 L2111802-08	TP109 (4) 3/9/2021 L2111802-09	TP110 (4.5) 3/9/2021 L2111802-10	TP111 (7) 3/9/2021 L2111802-11	TP112 (6) 3/9/2021 L2111802-12	TP-201 (4-5) 3/30/2021 L2115969-01	TP-202 (1-2) 3/30/2021 L2115969-02
BTEX														
Benzene	71-43-2	0.06	0.06	89	mg/kg	<0.0004	<0.00042	<0.00049	<0.00045	<0.00044	<0.00045	<0.00035	<0.00047	<0.021
Toluene	108-88-3	0.7	0.7	1000	mg/kg	<0.00079	<0.00085	<0.00097	<0.00091	<0.00088	<0.00089	<0.0007	<0.00094	<0.042
Ethylbenzene	100-41-4	1	1	780	mg/kg	<0.00079	<0.00085	<0.00097	<0.00091	<0.00088	<0.00089	<0.0007	<0.00094	<0.042
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg	<0.00079	<0.00085	<0.00097	<0.00091	<0.00088	<0.00089	<0.0007	<0.00094	<0.042
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg	<0.0016	<0.0017	<0.0019	<0.0018	<0.0018	<0.0018	<0.0014	<0.0019	<0.085
Volatile Organics Compounds (VOCs)														
Acetone	67-64-1	0.05	0.05	1000	mg/kg	**0.029**	**0.035**	**0.043**	**0.018**	**0.047**	**0.023**	**0.042**	**0.032** J	<0.42 UJ
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg	<0.0016	<0.0017	<0.0019	<0.0018	<0.0018	<0.0018	<0.0014	<0.0019	<0.085
Bromomethane	74-83-9	NE	NE	NE	mg/kg	<0.0016	<0.0017	<0.0019	<0.0018	<0.0018	<0.0018	<0.0014	<0.0019	<0.085
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg	<0.0004	<0.00042	<0.00049	<0.00045	<0.00044	<0.00045	<0.00035	<0.00047	<0.021
Chloroform	67-66-3	0.37	0.37	700	mg/kg	<0.0012	<0.0013	<0.0015	<0.0014	<0.0013	<0.0013	<0.001	<0.0014	<0.064
Cyclohexane	110-82-7	NE	NE	NE	mg/kg	<0.0079	<0.0085	<0.0097	<0.0091	<0.0088	<0.0089	<0.007	<0.0094	<0.42
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg	<0.00079	<0.00085	<0.00097	<0.00091	<0.00088	<0.00089	<0.0007	<0.00094	<0.042
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg	<0.00079	**0.0022**	<0.00097	<0.00091	<0.00088	<0.00089	<0.0007	**0.058**	**0.42**
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg	<0.0012	**0.0022**	<0.0015	<0.0014	<0.0013	<0.0013	<0.001	<0.0014	<0.064
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg	**0.00041** UJ	**0.00019** J	<0.00097	<0.00091	<0.00088	<0.00089	<0.0007	<0.00094	<0.042
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg	<0.0032	<0.0034	<0.0039	<0.0036	<0.0035	<0.0036	<0.0028	<0.0038	<0.17 UJ
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg	**0.005** J	**0.0048** J	**0.0048** J	**0.0031** J	**0.008** J	**0.0034** J	**0.0038** J	**0.0056** J	<0.42 UJ
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg	<0.0016	<0.0017	<0.0019	<0.0018	<0.0018	<0.0018	<0.0014	<0.0019	<0.085
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg	<0.0079	<0.0085	<0.0097	<0.0091	<0.0088	<0.0089	<0.007	<0.0094	<0.42
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg	<0.0032	**0.00098** J	<0.0039	<0.0036	<0.0035	<0.0036	<0.0028	<0.0038	<0.17
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg	<0.004	<0.0042	<0.0049	<0.0045	<0.0044	<0.0045	<0.0035	<0.0047	<0.21
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg	<0.0004	<0.00042	<0.00049	<0.00045	<0.00044	<0.00045	<0.00035	<0.00047	**8.2**
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg	<0.0004	<0.00042	<0.00049	<0.00045	<0.00044	<0.00045	<0.00035	<0.00047	**0.56**
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg	<0.00079	**0.026**	<0.00097	<0.00091	<0.00088	<0.00089	<0.0007	**0.034**	<0.042

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
11. Bolding indicates a detected result concentration
12. Shading and bolding indicates that the detected concentration is above the guidance it was compared to
13 Orange shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
14. Red shading and bolding indicates that the detected result value exceeds the Industrial SCO
15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1A. Site-Wide VOC Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

						LOCATION	TP-202 (2-3)		TP-202 (3-4)		TP-202 (4-5)		TP-203 (1-2)		TP-204 (0-1)		TP-205(1)		TP205 (2)	
						SAMPLING DATE	3/30/2021		3/30/2021		3/30/2021		3/30/2021		3/30/2021		3/30/2021		3/30/2021	
						LAB SAMPLE ID	L2115969-03		L2115969-04		L2115969-05		L2115969-06		L2115969-07		L2115970-01		L2115970-02	
		Soil Cleanup Objective (SCO) (see note 11)																		
Analyte	**CAS No.**	**Protection of Groundwater**	**Unrestricted Use**	**Industrial**	**Units**															
BTEX																				
Benzene	71-43-2	0.06	0.06	89	mg/kg		<0.0007		<0.00055		<0.00059		<0.00055		<0.00049		<0.00058		<0.084	
Toluene	108-88-3	0.7	0.7	1000	mg/kg		<0.0014		<0.0011		<0.0012		<0.0011		<0.00098		<0.0012		**0.11**	**J**
Ethylbenzene	100-41-4	1	1	780	mg/kg		<0.0014		<0.0011		<0.0012		<0.0011		<0.00098		<0.0012		**0.032**	**J**
o-Xylene	95-47-6	1.6	0.26	1000	mg/kg		<0.0014		<0.0011		<0.0012		<0.0011		<0.00098		**0.00042**	**J**	**0.1**	**J**
p/m-Xylene	179601-23-1	1.6	0.26	1000	mg/kg		<0.0028		<0.0022		<0.0024		<0.0022		<0.002		**0.00083**	**J**	**0.12**	**J**
Volatile Organics Compounds (VOCs)																				
Acetone	67-64-1	0.05	0.05	1000	mg/kg		**0.017**	**J**	**0.015**	**J**	**0.03**	**J**	<0.011	UJ	<0.0098	UJ	**0.045**	**J**	<1.7	
Bromochloromethane	74-97-5	NE	NE	NE	mg/kg		<0.0028		<0.0022		<0.0024		<0.0022		<0.002		<0.0023		<0.34	
Bromomethane	74-83-9	NE	NE	NE	mg/kg		<0.0028		<0.0022		<0.0024		<0.0022		<0.002		<0.0023	UJ	<0.34	UJ
Chlorobenzene	108-90-7	1.1	1.1	1,000	mg/kg		<0.0007		<0.00055		<0.00059		<0.00055		<0.00049		<0.00058		<0.084	
Chloroform	67-66-3	0.37	0.37	700	mg/kg		<0.0021		<0.0017		<0.0018		<0.0016		<0.0015		<0.0018		<0.25	
Cyclohexane	110-82-7	NE	NE	NE	mg/kg		<0.014		<0.011		<0.012		<0.011		<0.0098		<0.012		<1.7	
1,1-Dichloroethene	75-35-4	0.33	0.33	1000	mg/kg		<0.0014		<0.0011		<0.0012		<0.0011		<0.00098		<0.0012		<0.17	
cis-1,2-Dichloroethene	156-59-2	0.25	0.25	1000	mg/kg		**0.0038**		**0.00033**	**J**	**0.0046**		**0.0022**		**0.034**		**0.0032**	**J**	**4.8**	
trans-1,2-Dichloroethene	156-60-5	0.19	0.19	1000	mg/kg		<0.0021		<0.0017		**0.00016**	**J**	<0.0016		**0.0015**		<0.0018		<0.25	
Isopropylbenzene	98-82-8	NE	NE	NE	mg/kg		<0.0014		<0.0011		<0.0012		<0.0011		<0.00098		**0.013**	**J**	<0.17	
Methyl Acetate	79-20-9	NE	NE	NE	mg/kg		<0.0056	UJ	<0.0044	UJ	<0.0047		<0.0044		<0.0039	UJ	<0.0047		<0.68	
2-Butanone (MEK)	78-93-3	0.12	0.12	1000	mg/kg		<0.014	UJ	<0.011	UJ	<0.012		<0.011		<0.0098	UJ	**0.0062**	**J**	<1.7	
Methyl tert butyl ether	1634-04-4	NE	0.93	1,000	mg/kg		<0.0028		<0.0022		<0.0024		<0.0022		<0.002		<0.0023		<0.34	
4-Methyl-2-pentanone	108-10-1	NE	NE	NE	mg/kg		<0.014		<0.011		<0.012		<0.011		<0.0098		<0.012		<1.7	
Methyl cyclohexane	108-87-2	NE	NE	NE	mg/kg		<0.0056		<0.0044		<0.0047		<0.0044		<0.0039		**0.0023**	**J**	<0.68	
Methylene chloride	75-09-2	0.05	0.05	1000	mg/kg		<0.007		<0.0055		<0.0059		<0.0055		<0.0049		<0.0058		<0.84	
Tetrachloroethene	127-18-4	1.3	1.3	300	mg/kg		**0.012**		**0.00056**		**0.0063**		**0.0042**		**0.00082**		**0.021**	**J**	**93**	
Trichloroethene	79-01-6	0.47	0.47	400	mg/kg		**0.0016**		<0.00055		**0.001**		**0.0006**		**0.0004**	**J**	**0.0018**	**J**	**1.8**	
Vinyl chloride	75-01-4	0.02	0.02	27	mg/kg		<0.0014		<0.0011		**0.01**		<0.0011		**0.0014**		<0.0012		<0.17	

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. mg/kg = milligrams per kilogram
3. CAS No. = Chemical Abstracts Service Number
4. BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
5. NE = Not Established
6. NT = Not Taken (sample was not analyzed for this parameter group)
7. NA = Not Applicable
8. H = from high level analysis of EPA 5035
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
11. Bolding indicates a detected result concentration
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15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:

J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 1B. Site-Wide Other Constituents Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

						LOCATION	B203 (0.5-4)		DUP030621-2		B206 (2-4)		B211 (0-4)		B213 (0-5')		B214 (0-5')		B214 (18-20')	B215 (0-5)		B216 (0-5)		B217 (0-5')	
						SAMPLING DATE	3/6/2021		3/6/2021		2/28/2021		3/1/2021		11/6/2021		11/7/2021		11/7/2021	11/13/2021		11/13/2021		11/7/2021	
						LAB SAMPLE ID	L2111243-21		L2111243-22		L2110097-10		L2110097-18		L2161381-01		L2161384-08		L2165369-02	L2162707-03		L2162707-09		L2161384-01	
		Soil Cleanup Objective (SCO) (see note 11)																							
Analyte	**CAS No.**	**Protection of Groundwater**	**Unrestricted Use**	**Industrial**	**Units**																				
Semivolatile Organics Compounds (SVOCs)																			NT						
Acenaphthene	83-32-9	98	20	1000	mg/kg		**0.22**		**0.03**	**J**	<0.14		**0.12**	**J**	**0.18**		**0.026**	**J**		<0.14		<0.14		<0.15	
Acenaphthylene	208-96-8	107	100	1000	mg/kg		**0.033**	**J**	**0.033**	**J**	<0.14		<0.73		**0.1**	**J**	<0.18			<0.14		<0.14		<0.15	
Anthracene	120-12-7	1000	100	1000	mg/kg		**0.49**		**0.074**	**J**	<0.1		**0.76**		**0.52**		**0.14**			<0.11		<0.1		<0.11	
Benzo(a)anthracene	56-55-3	1	1	11	mg/kg		**1.2**		**0.2**		<0.1		**1.7**		**1**		**0.29**			**0.13**		**0.026**	**J**	**0.075**	**J**
Benzo(a)pyrene	50-32-8	22	1	1.1	mg/kg		**1.1**		**0.2**		<0.14		**1.8**		**1**		**0.26**			**0.12**	**J**	<0.14		**0.068**	**J**
Benzo(b)fluoranthene	205-99-2	1.7	1	1	mg/kg		**1.4**		**0.24**		<0.1		**2.5**		**1.2**		**0.32**			**0.16**		<0.1		**0.089**	**J**
Benzo(ghi)perylene	191-24-2	1000	100	1000	mg/kg		**0.76**		**0.15**	**J**	<0.14		**1.1**		**0.68**		**0.14**	**J**		**0.086**	**J**	<0.14		**0.051**	**J**
Benzo(k)fluoranthene	207-08-9	1.7	0.8	110	mg/kg		**0.45**		**0.091**	**J**	<0.1		**0.84**		**0.44**		**0.12**	**J**		**0.06**	**J**	<0.1		<0.11	
Bis(2-ethylhexyl)phthalate	117-81-7	NE	NE	NE	mg/kg		<0.18		<0.21		<0.18		<0.91		<0.19		<0.22			**0.22**		<0.17		<0.19	
Butyl benzyl phthalate	85-68-7	NE	NE	NE	mg/kg		<0.18		<0.21		<0.18		<0.91		<0.19		<0.22			<0.18		<0.17		<0.19	
Carbazole	86-74-8	NE	NE	NE	mg/kg		**0.27**		**0.038**	**J**	<0.18		**0.44**	**J**	**0.15**	**J**	<0.22			**0.021**	**J**	<0.17		<0.19	
Chrysene	218-01-9	1	1	110	mg/kg		**1.1**		**0.2**		<0.1		**2**		**0.88**		**0.25**			**0.13**		**0.024**	**J**	**0.065**	**J**
Dibenzo(a,h)anthracene	53-70-3	1000	0.33	1.1	mg/kg		**0.17**		**0.034**	**J**	<0.1		**0.26**	**J**	**0.18**		**0.051**	**J**		**0.02**	**J**	<0.1		<0.11	
Dibenzofuran	132-64-9	NE	NE	NE	mg/kg		**0.12**	**J**	<0.21		<0.18		<0.91		**0.11**	**J**	<0.22			<0.18		<0.17		<0.19	
Fluoranthene	206-44-0	1000	100	1000	mg/kg		**2.6**		**0.38**		<0.1		**4.4**		**2.1**		**0.54**			**0.24**		**0.043**	**J**	**0.13**	
Fluorene	86-73-7	386	30	1000	mg/kg		**0.22**		**0.031**	**J**	<0.18		**0.11**	**J**	**0.23**		**0.039**	**J**		<0.18		<0.17		<0.19	
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	0.5	11	mg/kg		**0.79**		**0.14**	**J**	<0.14		**1.2**		**0.73**		**0.2**			**0.096**	**J**	<0.14		**0.088**	**J**
2-Methylnaphthalene	91-57-6	NE	NE	NE	mg/kg		**0.048**	**J**	<0.25		<0.21		<1.1		**0.038**	**J**	<0.27			<0.21		<0.21		<0.23	
Naphthalene	91-20-3	12	12	1000	mg/kg		**0.16**	**J**	**0.032**	**J**	<0.18		<0.91		**0.055**	**J**	<0.22			<0.18		<0.17		<0.19	
Phenanthrene	85-01-8	1000	100	1000	mg/kg		**1.9**		**0.23**		<0.1		**1.9**		**1.4**		**0.38**			**0.13**		**0.024**	**J**	**0.065**	**J**
Pyrene	129-00-0	1000	100	1000	mg/kg		**2.2**		**0.32**		<0.1		**3.6**		**1.6**		**0.4**			**0.22**		**0.04**	**J**	**0.12**	
Organochlorine Pesticides																			NT						
4,4'-DDD	72-54-8	14	0.0033	180	mg/kg		**0.00148**	**J**	**0.00177**	**J**	<0.00164		<0.00332		<0.00181		<0.00214			<0.00168		<0.00159		**0.00159**	**J**
4,4'-DDE	72-55-9	17	0.0033	120	mg/kg		**0.00646**	**J**	**0.00708**	**J**	<0.00164		<0.00332		**0.000813**	**J**	<0.00214			<0.00168		<0.00159		**0.00191**	**P**
4,4'-DDT	50-29-3	1.9	0.0033	94	mg/kg		<0.00328		<0.0037		<0.00307		<0.00624		<0.00339		<0.00402			<0.00315		<0.00298		<0.00326	
cis-Chlordane	5103-71-9	NE	0.094	NE	mg/kg		<0.00219		<0.00247		<0.00204		<0.00416		<0.00226		<0.00268			<0.0021		<0.00198		<0.00217	
Dieldrin	60-57-1	0.04	0.005	2.8	mg/kg		<0.0011		<0.00123		<0.00102		<0.00208		<0.00113		**0.00152**			<0.00105		<0.000992		**0.000787**	**J**
Polychlorinated Biphenyls (PCBs)																			NT						
Aroclor 1248	12672-29-6	3.2	0.1	1	mg/kg		<0.036		<0.0419		<0.0338		**0.00619**	**J**	<0.0377		<0.0442			<0.0353		<0.0337		<0.0375	
Aroclor 1254	11097-69-1	3.2	0.1	1	mg/kg		**0.0221**	**J**	**0.0276**	**J**	<0.0338		**0.0107**	**J**	<0.0377		<0.0442			<0.0353		<0.0337		**0.0147**	**J**
Aroclor 1260	11096-82-5	3.2	0.1	1	mg/kg		**0.012**	**J**	**0.0258**	**J**	<0.0338		**0.00973**	**J**	<0.0377		<0.0442			<0.0353		<0.0337		<0.0371	
Aroclor 1268	11100-14-4	NE	0.1	1	mg/kg		<0.036		<0.0419		<0.0338		<0.035		<0.0377		<0.0442			<0.0353		<0.0337		<0.0373	
PCBs, Total	1336-36-3	3.2	0.1	1	mg/kg		**0.0341**	**J**	**0.0534**	**J**	<0.0338		**0.0266**	**J**	<0.0377		<0.0442			<0.0353		<0.0337		**0.0147**	**J**
Total Metals																			NT						
Aluminum, Total	7429-90-5	NE	NE	NE	mg/kg		NT		NT		NT		NT		**4960**		**10600**			**3300**		**3560**		**6320**	
Antimony, Total	7440-36-0	NE	NE	NE	mg/kg		NT		NT		NT		NT		<4.37		<5.17			**0.629**	**J**	**0.588**	**J**	<4.54	
Arsenic, Total	7440-38-2	16	13	16	mg/kg		**5.97**		**5.94**		**2.29**		**3.37**		**5.9**		**3.34**			**3.68**		**4.24**		**6.5**	
Barium, Total	7440-39-3	820	350	10,000	mg/kg		**56.1**		**54.6**		**25.6**	**J**	**38.2**	**J**	**44.1**		**88.3**			**72.3**		**91.8**		**38.5**	
Beryllium, Total	7440-41-7	47	7.2	2,700	mg/kg		**0.13**	**J**	**0.163**	**J**	**0.217**		**0.14**	**J**	**0.245**	**J**	**0.455**	**J**		**0.193**	**J**	**0.185**	**J**	**0.263**	**J**
Cadmium, Total	7440-43-9	7.5	2.5	60	mg/kg		**1.04**		**0.543**		**0.201**	**J**	**0.4**	**J**	**0.254**	**J**	**0.289**	**J**		**0.176**	**J**	**0.242**	**J**	**0.245**	**J**
Calcium, Total	7440-70-2	NE	NE	NE	mg/kg		NT		NT		NT		NT		**74400**		**27100**			**165000**		**169000**		**58000**	
Chromium, Total	7440-47-3	NE	NE	NE	mg/kg		**9.32**		**10.2**		**8.55**	**J**	**7.19**	**J**	**8**		**15.8**			**7.12**		**6.51**		**10.9**	
Cobalt, Total	7440-48-4	NE	NE	NE	mg/kg		NT		NT		NT		NT		**4.49**		**8.72**			**6.05**		**5.27**		**4.88**	
Copper, Total	7440-50-8	1720	50	270	mg/kg		**18.4**		**21.9**		**6.78**	**J**	**15.7**	**J**	**14.4**		**16.1**			**13**		**13.9**		**15.7**	
Iron, Total	7439-89-6	NE	NE	NE	mg/kg		NT		NT		NT		NT		**11300**		**17100**			**7240**		**8760**		**11400**	
Lead, Total	7439-92-1	450	63	3,900	mg/kg		**38.6**		**46.3**		**3.87**	**J**	**102**	**J**	**43.3**		**15.2**			**70.6**		**38.5**		**56.5**	
Magnesium, Total	7439-95-4	NE	NE	NE	mg/kg		NT		NT		NT		NT		**14900**		**8570**			**32200**		**22100**		**35700**	
Manganese, Total	7439-96-5	2000	1600	1000	mg/kg		**288**		**446**		**144**	**J**	**163**	**J**	**365**		**364**			**177**		**294**		**245**	
Mercury, Total	7439-97-6	0.73	0.18	5.7	mg/kg		**0.128**		**0.13**		<0.066	UJ	**0.08**	**J**	<0.076		<0.095			<0.068		<0.065		**0.182**	
Nickel, Total	7440-02-0	130	30	10000	mg/kg		**11.5**		**12.4**		**8.88**		**8.3**		**9.51**		**20**			**10.9**		**12.1**		**11.9**	
Potassium, Total	7440-09-7	NE	NE	NE	mg/kg		NT		NT		NT		NT		**712**		**1100**			**957**		**519**		**720**	
Selenium, Total	7782-49-2	4	3.9	6800	mg/kg		<0.868		<0.987		<0.82		<0.85		**0.525**	**J**	**0.579**	**J**		**0.638**	**J**	**0.653**	**J**	**0.59**	**J**
Sodium, Total	7440-23-5	NE	NE	NE	mg/kg		NT		NT		NT		NT		**389**		**289**			**296**		**187**		**251**	
Thallium, Total	7440-28-0	NE	NE	NE	mg/kg		NT		NT		NT		NT		**0.516**	**J**	**0.434**	**J**		**0.352**	**J**	**0.532**	**J**	**0.436**	**J**
Vanadium, Total	7440-62-2	NE	NE	NE	mg/kg		NT		NT		NT		NT		**12.2**		**21.3**			**8.1**		**8.52**		**11.9**	
Zinc, Total	7440-66-6	2480	109	10000	mg/kg		**44.5**		**52.3**		**24.4**		**42.6**		**40**		**40.1**			**34**		**33.5**		**46.8**	
Perfluorinated Alkyl Acids (PFAs)							NT		NT		NT		NT		NT		NT		NT	NT		NT		NT	
Perfluorohexanoic Acid (PFHxA)	307-24-4	NE	NE	NE	ug/kg																				
General Chemistry																									
Chromium, Hexavalent	18540-29-9	19	1	800	mg/kg		<0.892		<1.02		<0.848		<0.876		NT		NT		NT	NT		NT		NT	
Chromium, Trivalent	16065-83-1	NE	30	6800	mg/kg		**9.3**		**10**		NT		NT		NT		NT		NT	NT		NT		NT	
Cyanide, Total	57-12-5	40	27	10000	mg/kg		<1.1	UJ	**0.57**	**J**	<0.21	UJ	<1.0	UJ	<1.1		**0.34**	**J**	NT	<1		<0.96		<1	
Solids, Total	NA	NE	NE	NE	%		**89.7**		**78.2**		**94.3**		**91.3**		**85.9**		**73.8**		**82.2**	**92.3**		**96.2**		**86.6**	
Total Organic Carbon							NT		NT		NT		NT		NT		NT			NT		NT		NT	
Total Organic Carbon	7440-44-0	NE	NE	NE	mg/kg														**2.03**						

Table 1B. Site-Wide Other Constituents Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

						LOCATION	B217 (18-20')	TP101 / TP104 (0-4)	TP102 / TP103 (0-5)	TP105 / TP106 (0-8)	TP107 / TP108 (0-4)	TP109 / TP110 (0-5)	TP111 / TP112 (0-8)	TP 301 (7)
						SAMPLING DATE	11/7/2021	3/9/2021	3/9/2021	3/9/2021	3/9/2021	3/9/2021	3/9/2021	5/3/2021
						LAB SAMPLE ID	L2165369-01	L2111802-13	L2111802-14	L2111802-15	L2111802-16	L2111802-17	L2111802-18	L2122710-01
		Soil Cleanup Objective (SCO) (see note 11)												
Analyte	**CAS No.**	**Protection of Groundwater**	**Unrestricted Use**	**Industrial**	**Units**									
Semivolatile Organics Compounds (SVOCs)							NT							NT
Acenaphthene	83-32-9	98	20	1000	mg/kg			<0.16	**0.26**	**0.24**	<0.16	<0.15	<0.17	
Acenaphthylene	208-96-8	107	100	1000	mg/kg			**0.035 J**	**0.06 J**	**0.18**	<0.16	<0.15	<0.17	
Anthracene	120-12-7	1000	100	1000	mg/kg			**0.06 J**	**0.56**	**1.4**	<0.12	<0.11	<0.12	
Benzo(a)anthracene	56-55-3	1	1	11	mg/kg			**0.32**	**0.85**	**3.6**	**0.037 J**	**0.086 J**	**0.054 J**	
Benzo(a)pyrene	50-32-8	22	1	1.1	mg/kg			**0.32**	**0.66**	**2.5**	<0.16	**0.09 J**	<0.17	
Benzo(b)fluoranthene	205-99-2	1.7	1	1	mg/kg			**0.44**	**0.82**	**3.4**	**0.041 J**	**0.11**	**0.058 J**	
Benzo(ghi)perylene	191-24-2	1000	100	1000	mg/kg			**0.2**	**0.34**	**1.2**	**0.024 J**	**0.063 J**	**0.025 J**	
Benzo(k)fluoranthene	207-08-9	1.7	0.8	110	mg/kg			**0.13**	**0.26**	**0.85**	<0.12	**0.04 J**	<0.12	
Bis(2-ethylhexyl)phthalate	117-81-7	NE	NE	NE	mg/kg			**0.077 J**	<0.2	<0.2	<0.2	<0.19	<0.21	
Butyl benzyl phthalate	85-68-7	NE	NE	NE	mg/kg			<0.19	<0.2	<0.2	<0.2	**0.062 J**	<0.21	
Carbazole	86-74-8	NE	NE	NE	mg/kg			**0.03 J**	**0.097 J**	**0.19 J**	<0.2	<0.19	<0.21	
Chrysene	218-01-9	1	1	110	mg/kg			**0.27**	**0.64**	**2.6**	**0.034 J**	**0.091 J**	**0.046 J**	
Dibenzo(a,h)anthracene	53-70-3	1000	0.33	1.1	mg/kg			**0.048 J**	**0.084 J**	**0.42**	<0.12	<0.11	<0.12	
Dibenzofuran	132-64-9	NE	NE	NE	mg/kg			<0.19	**0.33**	**0.079 J**	<0.2	<0.19	<0.21	
Fluoranthene	206-44-0	1000	100	1000	mg/kg			**0.56**	**1.5**	**4.9**	**0.065 J**	**0.16**	**0.097 J**	
Fluorene	86-73-7	386	30	1000	mg/kg			**0.024 J**	**0.48**	**0.3**	<0.2	<0.19	<0.21	
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	0.5	11	mg/kg			**0.23**	**0.38**	**1.4**	<0.16	**0.064 J**	**0.03 J**	
2-Methylnaphthalene	91-57-6	NE	NE	NE	mg/kg			<0.23	**0.079 J**	**0.088 J**	<0.24	<0.22	<0.25	
Naphthalene	91-20-3	12	12	1000	mg/kg			<0.19	**0.062 J**	**0.11 J**	<0.2	<0.19	<0.21	
Phenanthrene	85-01-8	1000	100	1000	mg/kg			**0.25**	**1.6**	**2.1**	**0.036 J**	**0.052 J**	**0.042 J**	
Pyrene	129-00-0	1000	100	1000	mg/kg			**0.46**	**1.3**	**4.2**	**0.051 J**	**0.14**	**0.078 J**	
Organochlorine Pesticides							NT							NT
4,4'-DDD	72-54-8	14	0.0033	180	mg/kg			**0.00995 J**	<0.00188	**0.00889**	<0.00186	**0.00539**	**0.00172 J**	
4,4'-DDE	72-55-9	17	0.0033	120	mg/kg			<0.0188	<0.00188	<0.00185	**0.00116 J**	**0.00301 J**	<0.00197	
4,4'-DDT	50-29-3	1.9	0.0033	94	mg/kg			<0.0352	<0.00354	**0.0045**	<0.00349	**0.00245 J**	<0.0037	
cis-Chlordane	5103-71-9	NE	0.094	NE	mg/kg			<0.0235	<0.00236	<0.00231	<0.00232	**0.00156 J**	<0.00247	
Dieldrin	60-57-1	0.04	0.005	2.8	mg/kg			<0.0117	<0.00118	**0.00391**	**0.00182**	**0.00183 J**	<0.00123	
Polychlorinated Biphenyls (PCBs)							NT							NT
Aroclor 1248	12672-29-6	3.2	0.1	1	mg/kg			<0.0375	<0.0407	<0.0372	<0.0387	<0.0365	<0.0404	
Aroclor 1254	11097-69-1	3.2	0.1	1	mg/kg			<0.0375	**0.113**	<0.0372	<0.0387	**0.00988 J**	<0.0404	
Aroclor 1260	11096-82-5	3.2	0.1	1	mg/kg			**0.009 J**	<0.0407	<0.0372	<0.0387	**0.00905 J**	<0.0404	
Aroclor 1268	11100-14-4	NE	0.1	1	mg/kg			<0.0375	<0.0407	<0.0372	<0.0387	**0.00408 J**	<0.0404	
PCBs, Total	1336-36-3	3.2	0.1	1	mg/kg			**0.009 J**	**0.113**	<0.0372	<0.0387	**0.023 J**	<0.0404	
Total Metals							NT							NT
Aluminum, Total	7429-90-5	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Antimony, Total	7440-36-0	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Arsenic, Total	7440-38-2	16	13	16	mg/kg			**3.43**	**6.71**	**3.13**	**5.72**	**4.02**	**4.17**	
Barium, Total	7440-39-3	820	350	10,000	mg/kg			**48.7**	**92.2**	**37.3**	**50.7**	**60.9**	**67.2**	
Beryllium, Total	7440-41-7	47	7.2	2,700	mg/kg			**0.156 J**	**0.317**	**0.171 J**	**0.319**	**0.302**	**0.339**	
Cadmium, Total	7440-43-9	7.5	2.5	60	mg/kg			**0.311 J**	**0.384 J**	**0.29 J**	**0.436 J**	**0.401 J**	**0.443 J**	
Calcium, Total	7440-70-2	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Chromium, Total	7440-47-3	NE	NE	NE	mg/kg			**7.83**	**12.5**	**7.12**	**11**	**13.7**	**11.1**	
Cobalt, Total	7440-48-4	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Copper, Total	7440-50-8	1720	50	270	mg/kg			**15.5**	**21.5**	**11.9**	**17.8**	**19.4**	**13.8**	
Iron, Total	7439-89-6	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Lead, Total	7439-92-1	450	63	3,900	mg/kg			**67.6**	**289**	**14.5**	**22.8**	**10.6**	**13.7**	
Magnesium, Total	7439-95-4	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Manganese, Total	7439-96-5	2000	1600	1000	mg/kg			**189**	**254**	**300**	**283**	**520**	**264**	
Mercury, Total	7439-97-6	0.73	0.18	5.7	mg/kg			**0.073 J**	**0.064 J**	<0.087	**0.072 J**	<0.088	<0.094	
Nickel, Total	7440-02-0	130	30	10000	mg/kg			**7.66**	**12.3**	**8.73**	**11.8**	**14.4**	**11.7**	
Potassium, Total	7440-09-7	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Selenium, Total	7782-49-2	4	3.9	6800	mg/kg			**0.673 J**	**0.838 J**	**0.622 J**	**0.614 J**	**0.651 J**	**0.697 J**	
Sodium, Total	7440-23-5	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Thallium, Total	7440-28-0	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Vanadium, Total	7440-62-2	NE	NE	NE	mg/kg			NT	NT	NT	NT	NT	NT	
Zinc, Total	7440-66-6	2480	109	10000	mg/kg			**46.3**	**61.8**	**28.1**	**33.9**	**32.4**	**46.4**	
Perfluorinated Alkyl Acids (PFAs)							NT	NT	NT	NT	NT	NT	NT	
Perfluorohexanoic Acid (PFHxA)	307-24-4	NE	NE	NE	ug/kg									**0.066 J**
General Chemistry														
Chromium, Hexavalent	18540-29-9	19	1	800	mg/kg		NT	<0.947	<1	<0.942	<0.965	<0.901	<1.03	NT
Chromium, Trivalent	16065-83-1	NE	30	6800	mg/kg		NT	**7.8**	**12**	**7.1**	**11**	**14**	**11**	NT
Cyanide, Total	57-12-5	40	27	10000	mg/kg		NT	<1.1 UJ	<1.2 UJ	<1.1 UJ	<1.1 UJ	<1.1 UJ	<1.2 UJ	NT
Solids, Total	NA	NE	NE	NE	%		**79.8**	**84.5**	**80**	**84.9**	**82.9**	**88.8**	**77.8**	**80.9**
Total Organic Carbon								NT	NT	NT	NT	NT	NT	NT
Total Organic Carbon	7440-44-0	NE	NE	NE	mg/kg		**2.07**							

Table 1B. Site-Wide Other Constituents Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

					LOCATION	TP 302 (5)	TP 303 (4)
					SAMPLING DATE	5/3/2021	5/3/2021
					LAB SAMPLE ID	L2122710-02	L2122710-03
		Soil Cleanup Objective (SCO) (see note 11)					
Analyte	**CAS No.**	**Protection of Groundwater**	**Unrestricted Use**	**Industrial**	**Units**		
Semivolatile Organics Compounds (SVOCs)						NT	NT
Acenaphthene	83-32-9	98	20	1000	mg/kg		
Acenaphthylene	208-96-8	107	100	1000	mg/kg		
Anthracene	120-12-7	1000	100	1000	mg/kg		
Benzo(a)anthracene	56-55-3	1	1	11	mg/kg		
Benzo(a)pyrene	50-32-8	22	1	1.1	mg/kg		
Benzo(b)fluoranthene	205-99-2	1.7	1	1	mg/kg		
Benzo(ghi)perylene	191-24-2	1000	100	1000	mg/kg		
Benzo(k)fluoranthene	207-08-9	1.7	0.8	110	mg/kg		
Bis(2-ethylhexyl)phthalate	117-81-7	NE	NE	NE	mg/kg		
Butyl benzyl phthalate	85-68-7	NE	NE	NE	mg/kg		
Carbazole	86-74-8	NE	NE	NE	mg/kg		
Chrysene	218-01-9	1	1	110	mg/kg		
Dibenzo(a,h)anthracene	53-70-3	1000	0.33	1.1	mg/kg		
Dibenzofuran	132-64-9	NE	NE	NE	mg/kg		
Fluoranthene	206-44-0	1000	100	1000	mg/kg		
Fluorene	86-73-7	386	30	1000	mg/kg		
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	0.5	11	mg/kg		
2-Methylnaphthalene	91-57-6	NE	NE	NE	mg/kg		
Naphthalene	91-20-3	12	12	1000	mg/kg		
Phenanthrene	85-01-8	1000	100	1000	mg/kg		
Pyrene	129-00-0	1000	100	1000	mg/kg		
Organochlorine Pesticides						NT	NT
4,4'-DDD	72-54-8	14	0.0033	180	mg/kg		
4,4'-DDE	72-55-9	17	0.0033	120	mg/kg		
4,4'-DDT	50-29-3	1.9	0.0033	94	mg/kg		
cis-Chlordane	5103-71-9	NE	0.094	NE	mg/kg		
Dieldrin	60-57-1	0.04	0.005	2.8	mg/kg		
Polychlorinated Biphenyls (PCBs)						NT	NT
Aroclor 1248	12672-29-6	3.2	0.1	1	mg/kg		
Aroclor 1254	11097-69-1	3.2	0.1	1	mg/kg		
Aroclor 1260	11096-82-5	3.2	0.1	1	mg/kg		
Aroclor 1268	11100-14-4	NE	0.1	1	mg/kg		
PCBs, Total	1336-36-3	3.2	0.1	1	mg/kg		
Total Metals						NT	NT
Aluminum, Total	7429-90-5	NE	NE	NE	mg/kg		
Antimony, Total	7440-36-0	NE	NE	NE	mg/kg		
Arsenic, Total	7440-38-2	16	13	16	mg/kg		
Barium, Total	7440-39-3	820	350	10,000	mg/kg		
Beryllium, Total	7440-41-7	47	7.2	2,700	mg/kg		
Cadmium, Total	7440-43-9	7.5	2.5	60	mg/kg		
Calcium, Total	7440-70-2	NE	NE	NE	mg/kg		
Chromium, Total	7440-47-3	NE	NE	NE	mg/kg		
Cobalt, Total	7440-48-4	NE	NE	NE	mg/kg		
Copper, Total	7440-50-8	1720	50	270	mg/kg		
Iron, Total	7439-89-6	NE	NE	NE	mg/kg		
Lead, Total	7439-92-1	450	63	3,900	mg/kg		
Magnesium, Total	7439-95-4	NE	NE	NE	mg/kg		
Manganese, Total	7439-96-5	2000	1600	1000	mg/kg		
Mercury, Total	7439-97-6	0.73	0.18	5.7	mg/kg		
Nickel, Total	7440-02-0	130	30	10000	mg/kg		
Potassium, Total	7440-09-7	NE	NE	NE	mg/kg		
Selenium, Total	7782-49-2	4	3.9	6800	mg/kg		
Sodium, Total	7440-23-5	NE	NE	NE	mg/kg		
Thallium, Total	7440-28-0	NE	NE	NE	mg/kg		
Vanadium, Total	7440-62-2	NE	NE	NE	mg/kg		
Zinc, Total	7440-66-6	2480	109	10000	mg/kg		
Perfluorinated Alkyl Acids (PFAs)							
Perfluorohexanoic Acid (PFHxA)	307-24-4	NE	NE	NE	ug/kg	<0.561	<0.52
General Chemistry							
Chromium, Hexavalent	18540-29-9	19	1	800	mg/kg	NT	NT
Chromium, Trivalent	16065-83-1	NE	30	6800	mg/kg	NT	NT
Cyanide, Total	57-12-5	40	27	10000	mg/kg	NT	NT
Solids, Total	NA	NE	NE	NE	%	**80.8**	**85.2**
Total Organic Carbon						NT	NT
Total Organic Carbon	7440-44-0	NE	NE	NE	mg/kg		

Table 1B. Site-Wide Other Constituents Soil Analytical Results
Contained-in Determination
UniFirst Facility
Liverpool, NY

Notes:
1. Data have not been validated. Qualifiers are lab qualifiers.
2. % = Percent
3. mg/kg = milligrams per kilogram
4. ug/kg = micrograms per kilogram
5. CAS No. = Chemical Abstracts Service Number
6. NE = Not Established
7. NT = Not Taken (sample was not analyzed for this parameter group)
8. NA = Not Applicable
9. Comparison of detected results are performed against one or more of the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use, Residential, Restricted-Residential, Commercial, Industrial, Protection of Ecological Resources, or Protection of Groundwater (for constituents that also exceed applicable groundwater standards)
10. NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
11. Bolding indicates a detected result concentration
12. Shading and bolding indicates that the detected concentration is above the guidance it was compared to
13 Orange shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
14. Red shading and bolding indicates that the detected result value exceeds the Industrial SCO
15. Underline indicates that the detected result value exceeds Protection of Groundwater SCO (for constituents to which these SCOs apply [i.e., constituents that are bolded in the table])
16. Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:
J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 2. Phase 2 Work Area Contained-In Evaluation
Contained-in Determination
UniFirst Facility, Liverpool, NY

		SAMPLE ID	MW1 (7.5-8.5)	B101 (1)	B102 (1)	B110 (2.5)	B201 (4-5)	B202 (6-7)	B203 (3-4)	B204 (2.5-3.5)	B204 5N	B204 5S	B204 5E	B204 10E	B204 20E	B204 5W	B205 (6-7)	B206 (4.5-5)
		SAMPLING DATE	5/27/2020	6/23/2020	6/23/2020	6/24/2020	3/6/2021	2/28/2021	3/6/2021	2/27/2021	5/24/2022	5/24/2022	5/24/2022	5/24/2022	6/3/2022	5/24/2022	2/27/2021	2/28/2021
Analyte	**CAS No.**	**Contained-In Action Level**																
1,1-Dichloroethene	75-35-4	1.1	<0.00094	<0.0009	<0.00051	<0.00083	<0.067	<0.052	<0.00092	<0.089	<0.079	<0.078	<0.13	<0.056	<0.047	<0.001	**0.00041 J**	<0.0011
cis-1,2-Dichloroethene	156-59-2	780	**0.0017**	<0.0009	<0.00051	**0.00017 J**	**0.32**	**0.17**	<0.00092	**9.3**	**1.3**	**0.45**	**38**	**6.8**	**0.24**	**0.007**	**2.5**	**0.0018**
trans-1,2-Dichloroethene	156-60-5	1600	<0.0014	<0.0014	<0.00077	<0.0012	<0.1	<0.077	<0.0014	**0.044 J**	<0.12	<0.12	**0.21**	**0.048 J**	<0.07	<0.0016	**0.0013 J**	<0.0016
Tetrachloroethene	127-18-4	12	<0.00047	**0.00018 J**	<0.00026	**0.0033**	**4**	**2.4**	**0.00067**	**37**	**4.1**	**4.5**	**90 E**	**19 E**	**2.3**	**0.013**	**0.012**	**0.0045**
Trichloroethene	79-01-6	58	<0.00047	<0.00045	<0.00026	<0.00041	**0.15**	**0.082**	<0.00046	**2.9**	**0.39**	**0.27**	**9.5**	**1.9**	**0.12**	**0.0012**	**0.0088**	<0.00055
Vinyl chloride	75-01-4	0.34	<0.00094	<0.0009	<0.00051	<0.00083	<0.067	<0.052	<0.00092	<0.089	<0.079	<0.078	<0.13	<0.056	<0.047	<0.001	**0.11**	<0.0011

Notes:

Data have not been validated; qualifiers are lab qualifiers
Units are in milligrams per kilogram (mg/kg)
CAS No. = Chemical Abstracts Service Number
Comparison of detected results are performed against NYSDEC Technical Administrative Guidance Memorandum 3028, Contained-In Criteria for Environmental Media, dated November 30, 1992.
Bolding indicates a detected result
Green shading indicates that the detected result exceeds the Contained-In Action Level

Laboratory Qualifiers:

J = The result is an estimated value
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 2. Phase 2 Work Area Contained-In Evaluation
Contained-in Determination
UniFirst Facility, Liverpool, NY

		SAMPLE ID	B207 (3-4)	B207 (7-8)	B208 (7-8)	B209 (6-7)	B210(4-5)	B210(6-7)	DUP 030621-1	B211 (6-7)	B213 (0-5')	B214 (0-5')	B215 (0-5)	B216 (0-5)	B217 (0-5')
		SAMPLING DATE	3/6/2021	3/7/2021	3/6/2021	2/28/2021	3/6/2021	3/6/2021	3/6/2021	3/1/2021	11/6/2021	11/7/2021	11/13/2021	11/13/2021	11/7/2021
Analyte	**CAS No.**	**Contained-In Action Level**													
1,1-Dichloroethene	75-35-4	1.1	<0.00085	<0.067	<0.066	<0.001	<0.00088	<0.00087 UJ	<0.0011	<0.0011	<0.00049	<0.082	<0.001	<0.00098	<0.0014
cis-1,2-Dichloroethene	156-59-2	780	**0.00042 J**	**2.1**	**6.9**	**0.0027**	**0.01 J**	<0.00087 UJ	**0.00067 J**	<0.0011	<0.00049	**0.6**	**0.00062 J**	**0.0032**	**0.00056 J**
trans-1,2-Dichloroethene	156-60-5	1600	<0.0013	**0.011 J**	**0.024 J**	<0.0016	<0.0013	<0.0013 UJ	<0.0016	<0.0016	<0.00074	**0.016 J**	<0.0016	<0.0015	<0.0022
Tetrachloroethene	127-18-4	12	**0.0045**	**12**	**5.4**	**0.0027**	**0.78**	**0.012 J**	**0.033**	**0.002**	**0.00013 J**	**6.6**	**0.0033**	**0.022**	<0.00072
Trichloroethene	79-01-6	58	**0.00013 J**	**2**	**2.8**	<0.00052	**0.014 J**	<0.00044 UJ	<0.00053	<0.00054	<0.00024	**0.46**	**0.00029 J**	**0.00064**	<0.00072
Vinyl chloride	75-01-4	0.34	<0.00085	**0.11**	<0.066	**0.0028**	<0.00088	<0.00087	<0.0011	<0.0011	<0.00049	<0.082	<0.001	<0.00098	<0.0014

Notes:

Data have not been validated; qualifiers are lab qualifiers
Units are in milligrams per kilogram (mg/kg)
CAS No. = Chemical Abstracts Service Number
Comparison of detected results are performed against NYSDEC Technical Administrative Guidance Memorandum 3028, Contained-In Criteria for Environmental Media, dated November 30, 1992.
Bolding indicates a detected result
Green shading indicates that the detected result exceeds the Contained-In Action Level

Laboratory Qualifiers:

J = The result is an estimated value
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Table 3. Phase 2 Work Area Soil Charaterization Results
Contained-in Determination
UniFirst Facility, Liverpool, NY

Analyte	CAS No.	MW1 (7.5-8.5) 5/27/2020	B101 (1) 6/23/2020	B102 (1) 6/23/2020	B110 (2.5) 6/24/2020	B201 (4-5) 3/6/2021	B202 (6-7) 2/28/2021	B203 (0.5-4) 3/6/2021	DUP030621-2 3/6/2021	B203 (3-4) 3/6/2021	B204 (2.5-3.5) 2/27/2021	B204 5N 5/24/2022	B204 5S 5/24/2022	B204 5E 5/24/2022	B204 10E 5/24/2022	B204 20E 6/3/2022	B204 5W 5/24/2022	B205 (6-7) 2/27/2021	B206 (2-4) 2/28/2021	B206 (4.5-5) 2/28/2021	B207 (3-4) 3/6/2021
BTEX								NT	NT										NT		
Benzene	71-43-2	<0.00047	<0.00045	<0.00026	<0.00041	<0.033	<0.026			<0.00046	<0.044	<0.04	<0.039	<0.065	<0.028	<0.023	<0.00052	<0.00045		<0.00055	<0.00042
Toluene	108-88-3	<0.00094	<0.0009	<0.00051	<0.00083	<0.067	<0.052			<0.00092	<0.089	**0.068 J**	<0.078	<0.13	<0.056	<0.047	<0.001	<0.00091		<0.0011	<0.00085
Ethylbenzene	100-41-4	<0.00094	<0.0009	<0.00051	<0.00083	<0.067	<0.052			<0.00092	<0.089	**0.033 J**	<0.078	<0.13	**2.2**	**0.011 J**	<0.001	<0.00091		<0.0011	<0.00085
o-Xylene	95-47-6	<0.00094	<0.0009	<0.00051	<0.00083	<0.067	<0.052			<0.00092	<0.089	**0.15 J**	<0.16	**0.19 J**	**10**	**0.054 J**	<0.0021	<0.00091		<0.0011	<0.00085
p/m-Xylene	179601-23-1	<0.0019	<0.0018	<0.001	<0.0016	<0.13	<0.1			<0.0018	<0.18	**0.1**	<0.078	**0.089 J**	**7.3**	**0.044 J**	<0.001	<0.0018		<0.0022	<0.0017
Other Volatile Organic Compounds (VOCs)								NT	NT										NT		
Acetone	67-64-1	**0.0069 J**	**0.017**	**0.0077**	**0.018**	**0.4 J**	<0.52			**0.034 UJ**	<0.89	<0.79	<0.78	<1.3	<0.56	<0.47	<0.01	**0.04**		**0.08**	**0.007 J**
Bromochloromethane	74-97-5	<0.0019	<0.0018	<0.001	<0.0016	<0.13	<0.1			<0.0018	<0.18	<0.16	<0.16	<0.26	<0.11	<0.094	<0.0021	<0.0018		<0.0022	<0.0017
Bromomethane	74-83-9	<0.0019	<0.0018	<0.001	<0.0016	<0.13	<0.1			<0.0018 **UJ**	<0.18	**0.047 J**	<0.16	<0.26	<0.11	<0.094	<0.0021	<0.0018		<0.0022	<0.0017
Chlorobenzene	108-90-7	<0.00047	<0.00045	<0.00026	<0.00041	<0.033	<0.026			<0.00046	<0.044	<0.04	<0.039	<0.065	<0.028	<0.023	<0.00052	<0.00045		<0.00055	<0.00042
Chloroform	67-66-3	<0.0014	<0.0014	<0.00077	<0.0012	**0.0098 J**	<0.077			<0.0014	<0.13	**0.018 J**	**0.029 J**	**0.25**	**0.039 J**	<0.07	**0.00039 J**	<0.0014		<0.0016	<0.0013
Cyclohexane	110-82-7	<0.0094	<0.009	<0.0051	<0.0083	<0.67	<0.52			<0.0092	<0.89	<0.79	<0.78	**0.15 J**	<0.56	<0.47	<0.01	<0.0091		<0.011	<0.0085
1,1-Dichloroethene	75-35-4	<0.00094	<0.0009	<0.00051	<0.00083	<0.067	<0.052			<0.00092	<0.089	<0.079	<0.078	<0.13	<0.056	<0.047	<0.001	**0.00041 J**		<0.0011	<0.00085
cis-1,2-Dichloroethene	156-59-2	**0.0017**	<0.0009	<0.00051	**0.00017 J**	**0.32**	**0.17**			<0.00092	**9.3**	**1.3**	**0.45**	**38**	**6.8**	**0.24**	**0.007**	**2.5**		**0.0018**	**0.00042 J**
trans-1,2-Dichloroethene	156-60-5	<0.0014	<0.0014	<0.00077	<0.0012	<0.1	<0.077			<0.0014	**0.044 J**	<0.12	<0.12	**0.21**	**0.048 J**	<0.07	<0.0016	**0.0013 J**		<0.0016	<0.0013
Isopropylbenzene	98-82-8	<0.00094	<0.0009	<0.00051	<0.00083	<0.067	<0.052			<0.00092	<0.089	<0.079	<0.078	<0.13	**0.14**	<0.047	<0.001	<0.00091		<0.0011	<0.00085
Methyl Acetate	79-20-9	<0.0038	<0.0036	<0.002	<0.0033	**0.1 J**	<0.21			<0.0037	<0.36	**0.52**	<0.31	<0.52	**2.8**	**0.07 J**	<0.0041	<0.0036		<0.0044	<0.0034
2-Butanone (MEK)	78-93-3	<0.0094	<0.009	<0.0051	<0.0083	<0.67	<0.52			**0.0032 J**	<0.89	<0.79	<0.78	<1.3	<0.56	<0.47	<0.01	<0.0091		**0.012**	<0.0085
Methyl tert butyl ether	1634-04-4	<0.0019	<0.0018	<0.001	<0.0016	<0.13	<0.1			<0.0018	<0.18	<0.16	<0.16	<0.26	<0.11	<0.094	<0.0021	<0.0018		<0.0022	<0.0017
4-Methyl-2-pentanone	108-10-1	<0.0094	<0.009	<0.0051	<0.0083	<0.67	<0.52			<0.0092	<0.89	<0.79	<0.78	<1.3	**12**	<0.47	<0.01	<0.0091		<0.011	<0.0085
Methyl cyclohexane	108-87-2	<0.0038	<0.0036	<0.002	<0.0033	<0.27	<0.21			<0.0037	<0.36	<0.32	<0.31	**0.48 J**	**0.046 J**	<0.19	<0.0041	<0.0036		<0.0044	<0.0034
Methylene chloride	75-09-2	<0.0047	<0.0045	<0.0026	<0.0041	<0.33	<0.26			<0.0046	<0.44	<0.4	<0.39	<0.65	<0.28	<0.23	<0.0052	<0.0045		<0.0055	<0.0042
Tetrachloroethene	127-18-4	<0.00047	**0.00018 J**	<0.00026	**0.0033**	**4**	**2.4**			**0.00067**	**37**	**4.1**	**4.5**	**90 E**	**19 E**	**2.3**	**0.013**	**0.012**		**0.0045**	**0.0045**
Trichloroethene	79-01-6	<0.00047	<0.00045	<0.00026	<0.00041	**0.15**	**0.082**			<0.00046	**2.9**	**0.39**	**0.27**	**9.5**	**1.9**	**0.12**	**0.0012**	**0.0088**		<0.00055	**0.00013 J**
Vinyl chloride	75-01-4	<0.00094	<0.0009	<0.00051	<0.00083	<0.067	<0.052			<0.00092	<0.089	<0.079	<0.078	<0.13	<0.056	<0.047	<0.001	**0.11**		<0.0011	<0.00085
Semivolatile Organics Compounds (SVOCs)		NT	NT	NT	NT	NT	NT			NT	NT	NT	NT	NT	NT	NT	NT	NT		NT	NT
Acenaphthene	83-32-9							**0.22**	**0.03 J**										<0.14		
Acenaphthylene	208-96-8							**0.033 J**	**0.033 J**										<0.14		
Anthracene	120-12-7							**0.49**	**0.074 J**										<0.1		
Benzo(a)anthracene	56-55-3							**1.2**	**0.2**										<0.1		
Benzo(a)pyrene	50-32-8							**1.1**	**0.2**										<0.14		
Benzo(b)fluoranthene	205-99-2							**1.4**	**0.24**										<0.1		
Benzo(ghi)perylene	191-24-2							**0.76**	**0.15 J**										<0.14		
Benzo(k)fluoranthene	207-08-9							**0.45**	**0.091 J**										<0.1		
Bis(2-ethylhexyl)phthalate	117-81-7							<0.18	<0.21										<0.18		
Butyl benzyl phthalate	85-68-7							<0.18	<0.21										<0.18		
Carbazole	86-74-8							**0.27**	**0.038 J**										<0.18		
Chrysene	218-01-9							**1.1**	**0.2**										<0.1		
Dibenzo(a,h)anthracene	53-70-3							**0.17**	**0.034 J**										<0.1		
Dibenzofuran	132-64-9							**0.12 J**	<0.21										<0.18		
Fluoranthene	206-44-0							**2.6**	**0.38**										<0.1		
Fluorene	86-73-7							**0.22**	**0.031 J**										<0.18		
Indeno(1,2,3-cd)pyrene	193-39-5							**0.79**	**0.14 J**										<0.14		
2-Methylnaphthalene	91-57-6							**0.048 J**	<0.25										<0.21		
Naphthalene	91-20-3							**0.16 J**	**0.032 J**										<0.18		
Phenanthrene	85-01-8							**1.9**	**0.23**										<0.1		
Pyrene	129-00-0							**2.2**	**0.32**										<0.1		
Organochlorine Pesticides		NT	NT	NT	NT	NT	NT			NT	NT	NT	NT	NT	NT	NT	NT	NT		NT	NT
4,4'-DDD	72-54-8							**0.00148 J**	**0.00177 J**										<0.00164		
4,4'-DDE	72-55-9							**0.00646 J**	**0.00708 J**										<0.00164		
4,4'-DDT	50-29-3							<0.00328	<0.0037										<0.00307		
cis-Chlordane	5103-71-9							<0.00219	<0.00247										<0.00204		
Dieldrin	60-57-1							<0.0011	<0.00123										<0.00102		
Polychlorinated Biphenyls (PCBs)		NT	NT	NT	NT	NT	NT			NT	NT	NT	NT	NT	NT	NT	NT	NT		NT	NT
Aroclor 1248	12672-29-6							<0.036	<0.0419										<0.0338		
Aroclor 1254	11097-69-1							**0.0221 J**	**0.0276 J**										<0.0338		
Aroclor 1260	11096-82-5							**0.012 J**	**0.0258 J**										<0.0338		
Aroclor 1268	11100-14-4							<0.036	<0.0419										<0.0338		
PCBs, Total	1336-36-3							**0.0341 J**	**0.0534 J**										<0.0338		
Total Metals		NT	NT	NT	NT	NT	NT			NT	NT	NT	NT	NT	NT	NT	NT	NT		NT	NT
Aluminum, Total	7429-90-5							NT	NT										NT		
Antimony, Total	7440-36-0							NT	NT										NT		
Arsenic, Total	7440-38-2							**5.97**	**5.94**										**2.29**		
Barium, Total	7440-39-3							**56.1**	**54.6**										**25.6 J**		
Beryllium, Total	7440-41-7							**0.13 J**	**0.163 J**										**0.217**		
Cadmium, Total	7440-43-9							**1.04**	**0.543**										**0.201 J**		
Calcium, Total	7440-70-2							NT	NT										NT		
Chromium, Total	7440-47-3							**9.32**	**10.2**										**8.55 J**		
Cobalt, Total	7440-48-4							NT	NT										NT		
Copper, Total	7440-50-8							**18.4**	**21.9**										**6.78 J**		
Iron, Total	7439-89-6							NT	NT										NT		
Lead, Total	7439-92-1							**38.6**	**46.3**										**3.87 J**		
Magnesium, Total	7439-95-4							NT	NT										NT		
Manganese, Total	7439-96-5							**288**	**446**										**144 J**		
Mercury, Total	7439-97-6							**0.128**	**0.13**										<0.066 UJ		
Nickel, Total	7440-02-0							**11.5**	**12.4**										**8.88**		
Potassium, Total	7440-09-7							NT	NT										NT		
Selenium, Total	7782-49-2							<0.868	<0.987										<0.82		
Sodium, Total	7440-23-5							NT	NT										NT		
Thallium, Total	7440-28-0							NT	NT										NT		
Vanadium, Total	7440-62-2							NT	NT										NT		
Zinc, Total	7440-66-6							**44.5**	**52.3**										**24.4**		
General Chemistry																					
Chromium, Hexavalent	18540-29-9	NT	NT	NT	NT	NT	NT	<0.892	<1.02	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.848	NT	NT
Chromium, Trivalent	16065-83-1	NT	NT	NT	NT	NT	NT	**9.3**	**10**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Cyanide, Total	57-12-5	NT	NT	NT	NT	NT	NT	<1.1 UJ	**0.57 J**	NT	NT	NT	NT	NT	NT	NT	NT	NT	<0.21 UJ	NT	NT

Table 3. Phase 2 Work Area Soil Charaterization Results
Contained-in Determination
UniFirst Facility, Liverpool, NY

Analyte	CAS No.	B207 (7-8) 3/7/2021	B208 (7-8) 3/6/2021	B209 (6-7) 2/28/2021	B210(4-5) 3/6/2021	B210(6-7) 3/6/2021	DUP 030621-1 3/6/2021	B211 (0-4) 3/1/2021	B211 (6-7) 3/1/2021	B213 (0-5') 11/6/2021	B214 (0-5') 11/7/2021	B215 (0-5) 11/13/2021	B216 (0-5) 11/13/2021	B217 (0-5') 11/7/2021
BTEX								NT						
Benzene	71-43-2	<0.033	<0.033	<0.00052	<0.00044	<0.00044 UJ	<0.00053		<0.00054	**0.00017 J**	<0.041	**0.00027 J**	**0.00032 J**	<0.00072
Toluene	108-88-3	<0.067	<0.066	<0.001	<0.00088	<0.00087 UJ	<0.0011		<0.0011	**0.00027 J**	**0.074 J**	<0.001	**0.00057 J**	<0.0014
Ethylbenzene	100-41-4	<0.067	<0.066	<0.001	<0.00088	<0.00087 UJ	<0.0011		<0.0011	**0.00008 J**	<0.082	<0.001	<0.00098	<0.0014
o-Xylene	95-47-6	<0.067	<0.066	<0.001	<0.00088	<0.00087 UJ	<0.0011		<0.0011	<0.00049	<0.082	<0.001	**0.00038 J**	<0.0014
p/m-Xylene	179601-23-1	<0.13	<0.13	<0.0021	<0.0018	<0.0017 UJ	<0.0021		<0.0022	**0.0003 J**	<0.16	<0.0021	<0.002	<0.0029
Other Volatile Organic Compounds (VOCs)								NT						
Acetone	67-64-1	<0.67	<0.66 UJ	**0.021**	**0.0055 J**	**0.0076**	**0.0098 J**		<0.011	**0.0098**	**0.57 J**	<0.01	<0.0098	**0.02**
Bromochloromethane	74-97-5	<0.13	<0.13	<0.0021	**0.04 J**	<0.0017 UJ	<0.0021		<0.0022	<0.00098	<0.16	<0.0021	<0.002	<0.0029
Bromomethane	74-83-9	<0.13	<0.13 UJ	<0.0021	<0.12	<0.0017 UJ	<0.0021		<0.0022	<0.00098	<0.16	<0.0021	<0.002	<0.0029
Chlorobenzene	108-90-7	<0.033	<0.033	<0.00052	<0.00044	<0.00044 UJ	<0.00053		<0.00054	<0.00024	<0.041	<0.00052	<0.00049	<0.00072
Chloroform	67-66-3	<0.1	<0.099	<0.0016	<0.0013	<0.0013 UJ	<0.0016		<0.0016	<0.00074	<0.12	**0.00039 J**	<0.0015	<0.0022
Cyclohexane	110-82-7	<0.67	<0.66	<0.01	<0.0088	<0.0087	<0.011		<0.011	<0.0049	<0.82	<0.01	<0.0098	<0.014
1,1-Dichloroethene	75-35-4	<0.067	<0.066	<0.001	<0.00088	<0.00087 UJ	<0.0011		<0.0011	<0.00049	<0.082	<0.001	<0.00098	<0.0014
cis-1,2-Dichloroethene	156-59-2	**2.1**	**6.9**	**0.0027**	**0.01 J**	<0.00087 UJ	**0.00067 J**		<0.0011	<0.00049	**0.6**	**0.00062 J**	**0.0032**	**0.00056 J**
trans-1,2-Dichloroethene	156-60-5	**0.011 J**	**0.024 J**	<0.0016	<0.0013	<0.0013 UJ	<0.0016		<0.0016	<0.00074	**0.016 J**	<0.0016	<0.0015	<0.0022
Isopropylbenzene	98-82-8	<0.067	<0.066	<0.001	<0.00088	<0.00087 UJ	<0.0011		<0.0011	<0.00049	<0.082	<0.001	<0.00098	**0.0072**
Methyl Acetate	79-20-9	<0.27	<0.26	<0.0042	<0.0035	**0.0013**	<0.0043		<0.0044	<0.002	**0.79**	<0.0041	<0.0039	<0.0058
2-Butanone (MEK)	78-93-3	<0.67	<0.66	<0.01	<0.58	<0.0087 UJ	<0.011		<0.011	**0.0014 J**	**0.2 J**	<0.01	<0.0098	**0.0049 J**
Methyl tert butyl ether	1634-04-4	<0.13	<0.13	<0.0021	<0.0018	<0.0017 UJ	<0.0021		<0.0022	<0.00098	<0.16	<0.0021	<0.002	<0.0029
4-Methyl-2-pentanone	108-10-1	<0.67	<0.66	<0.01	<0.0088	<0.0087 UJ	<0.011		<0.011	<0.0049	<0.82	<0.01	<0.0098	<0.014
Methyl cyclohexane	108-87-2	<0.27	<0.26	<0.0042	<0.0035	<0.0035 UJ	<0.0043		<0.0044	<0.002	<0.33	<0.0041	<0.0039	**0.00087 J**
Methylene chloride	75-09-2	<0.33	<0.33	<0.0052	<0.0044	<0.0044 UJ	<0.0053		<0.0054	<0.0024	<0.41	<0.0052	<0.0049	<0.0072
Tetrachloroethene	127-18-4	**12**	**5.4**	**0.0027**	**0.78**	**0.012 J**	**0.033**		**0.002**	**0.00013 J**	**6.6**	**0.0033**	**0.022**	<0.00072
Trichloroethene	79-01-6	**2**	**2.8**	<0.00052	**0.014 J**	<0.00044 UJ	<0.00053		<0.00054	<0.00024	**0.46**	**0.00029 J**	**0.00064**	<0.00072
Vinyl chloride	75-01-4	**0.11**	<0.066	**0.0028**	<0.00088	<0.00087	<0.0011		<0.0011	<0.00049	<0.082	<0.001	<0.00098	<0.0014
Semivolatile Organics Compounds (SVOCs)		NT	NT	NT	NT	NT	NT		NT					
Acenaphthene	83-32-9							**0.12 J**		**0.18**	**0.026 J**	<0.14	<0.14	<0.15
Acenaphthylene	208-96-8							<0.73		**0.1 J**	<0.18	<0.14	<0.14	<0.15
Anthracene	120-12-7							**0.76**		**0.52**	**0.14**	<0.11	<0.1	<0.11
Benzo(a)anthracene	56-55-3							**1.7**		**1**	**0.29**	**0.13**	**0.026 J**	**0.075 J**
Benzo(a)pyrene	50-32-8							**1.8**		**1**	**0.26**	**0.12 J**	<0.14	**0.068 J**
Benzo(b)fluoranthene	205-99-2							**2.5**		**1.2**	**0.32**	**0.16**	<0.1	**0.089 J**
Benzo(ghi)perylene	191-24-2							**1.1**		**0.68**	**0.14 J**	**0.086 J**	<0.14	**0.051 J**
Benzo(k)fluoranthene	207-08-9							**0.84**		**0.44**	**0.12 J**	**0.06 J**	<0.1	<0.11
Bis(2-ethylhexyl)phthalate	117-81-7							<0.91		<0.19	<0.22	**0.22**	<0.17	<0.19
Butyl benzyl phthalate	85-68-7							<0.91		<0.19	<0.22	<0.18	<0.17	<0.19
Carbazole	86-74-8							**0.44 J**		**0.15 J**	<0.22	**0.021 J**	<0.17	<0.19
Chrysene	218-01-9							**2**		**0.88**	**0.25**	**0.13**	**0.024 J**	**0.065 J**
Dibenzo(a,h)anthracene	53-70-3							**0.26 J**		**0.18**	**0.051 J**	**0.02 J**	<0.1	<0.11
Dibenzofuran	132-64-9							<0.91		**0.11 J**	<0.22	<0.18	<0.17	<0.19
Fluoranthene	206-44-0							**4.4**		**2.1**	**0.54**	**0.24**	**0.043 J**	**0.13**
Fluorene	86-73-7							**0.11 J**		**0.23**	**0.039 J**	<0.18	<0.17	<0.19
Indeno(1,2,3-cd)pyrene	193-39-5							**1.2**		**0.73**	**0.2**	**0.096 J**	<0.14	**0.088 J**
2-Methylnaphthalene	91-57-6							<1.1		**0.038 J**	<0.27	<0.21	<0.21	<0.23
Naphthalene	91-20-3							<0.91		**0.055 J**	<0.22	<0.18	<0.17	<0.19
Phenanthrene	85-01-8							**1.9**		**1.4**	**0.38**	**0.13**	**0.024 J**	**0.065 J**
Pyrene	129-00-0							**3.6**		**1.6**	**0.4**	**0.22**	**0.04 J**	**0.12**
Organochlorine Pesticides		NT	NT	NT	NT	NT	NT		NT					
4,4'-DDD	72-54-8							<0.00332		<0.00181	<0.00214	<0.00168	<0.00159	**0.00159 J**
4,4'-DDE	72-55-9							<0.00332		**0.000813 J**	<0.00214	<0.00168	<0.00159	**0.00191 P**
4,4'-DDT	50-29-3							<0.00624		<0.00339	<0.00402	<0.00315	<0.00298	<0.00326
cis-Chlordane	5103-71-9							<0.00416		<0.00226	<0.00268	<0.0021	<0.00198	<0.00217
Dieldrin	60-57-1							<0.00208		<0.00113	**0.00152**	<0.00105	<0.000992	**0.000787 J**
Polychlorinated Biphenyls (PCBs)		NT	NT	NT	NT	NT	NT		NT					
Aroclor 1248	12672-29-6							**0.00619 J**		<0.0377	<0.0442	<0.0353	<0.0337	<0.0375
Aroclor 1254	11097-69-1							**0.0107 J**		<0.0377	<0.0442	<0.0353	<0.0337	**0.0147 J**
Aroclor 1260	11096-82-5							**0.00973 J**		<0.0377	<0.0442	<0.0353	<0.0337	<0.0371
Aroclor 1268	11100-14-4							<0.035		<0.0377	<0.0442	<0.0353	<0.0337	<0.0373
PCBs, Total	1336-36-3							**0.0266 J**		<0.0377	<0.0442	<0.0353	<0.0337	**0.0147 J**
Total Metals		NT	NT	NT	NT	NT	NT		NT					
Aluminum, Total	7429-90-5							NT		**4960**	**10600**	**3300**	**3560**	**6320**
Antimony, Total	7440-36-0							NT		<4.37	<5.17	**0.629 J**	**0.588 J**	<4.54
Arsenic, Total	7440-38-2							**3.37**		**5.9**	**3.34**	**3.68**	**4.24**	**6.5**
Barium, Total	7440-39-3							**38.2 J**		**44.1**	**88.3**	**72.3**	**91.8**	**38.5**
Beryllium, Total	7440-41-7							**0.14 J**		**0.245 J**	**0.455 J**	**0.193 J**	**0.185 J**	**0.263 J**
Cadmium, Total	7440-43-9							**0.4 J**		**0.254 J**	**0.289 J**	**0.176 J**	**0.242 J**	**0.245 J**
Calcium, Total	7440-70-2							NT		**74400**	**27100**	**165000**	**169000**	**58000**
Chromium, Total	7440-47-3							**7.19 J**		**8**	**15.8**	**7.12**	**6.51**	**10.9**
Cobalt, Total	7440-48-4							NT		**4.49**	**8.72**	**6.05**	**5.27**	**4.88**
Copper, Total	7440-50-8							**15.7 J**		**14.4**	**16.1**	**13**	**13.9**	**15.7**
Iron, Total	7439-89-6							NT		**11300**	**17100**	**7240**	**8760**	**11400**
Lead, Total	7439-92-1							**102 J**		**43.3**	**15.2**	**70.6**	**38.5**	**56.5**
Magnesium, Total	7439-95-4							NT		**14900**	**8570**	**32200**	**22100**	**35700**
Manganese, Total	7439-96-5							**163 J**		**365**	**364**	**177**	**294**	**245**
Mercury, Total	7439-97-6							**0.08 J**		<0.076	<0.095	<0.068	<0.065	**0.182**
Nickel, Total	7440-02-0							**8.3**		**9.51**	**20**	**10.9**	**12.1**	**11.9**
Potassium, Total	7440-09-7							NT		**712**	**1100**	**957**	**519**	**720**
Selenium, Total	7782-49-2							<0.85		**0.525 J**	**0.579 J**	**0.638 J**	**0.653 J**	**0.59 J**
Sodium, Total	7440-23-5							NT		**389**	**289**	**296**	**187**	**251**
Thallium, Total	7440-28-0							NT		**0.516 J**	**0.434 J**	**0.352 J**	**0.532 J**	**0.436 J**
Vanadium, Total	7440-62-2							NT		**12.2**	**21.3**	**8.1**	**8.52**	**11.9**
Zinc, Total	7440-66-6							**42.6**		**40**	**40.1**	**34**	**33.5**	**46.8**
General Chemistry														
Chromium, Hexavalent	18540-29-9	NT	NT	NT	NT	NT	NT	<0.876	NT	NT	NT	NT	NT	NT
Chromium, Trivalent	16065-83-1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Cyanide, Total	57-12-5	NT	NT	NT	NT	NT	NT	<1.0 UJ	NT	<1.1	**0.34 J**	<1	<0.96	<1

Table 3. Phase 2 Work Area Soil Charaterization Results
Contained-in Determination
UniFirst Facility, Liverpool, NY

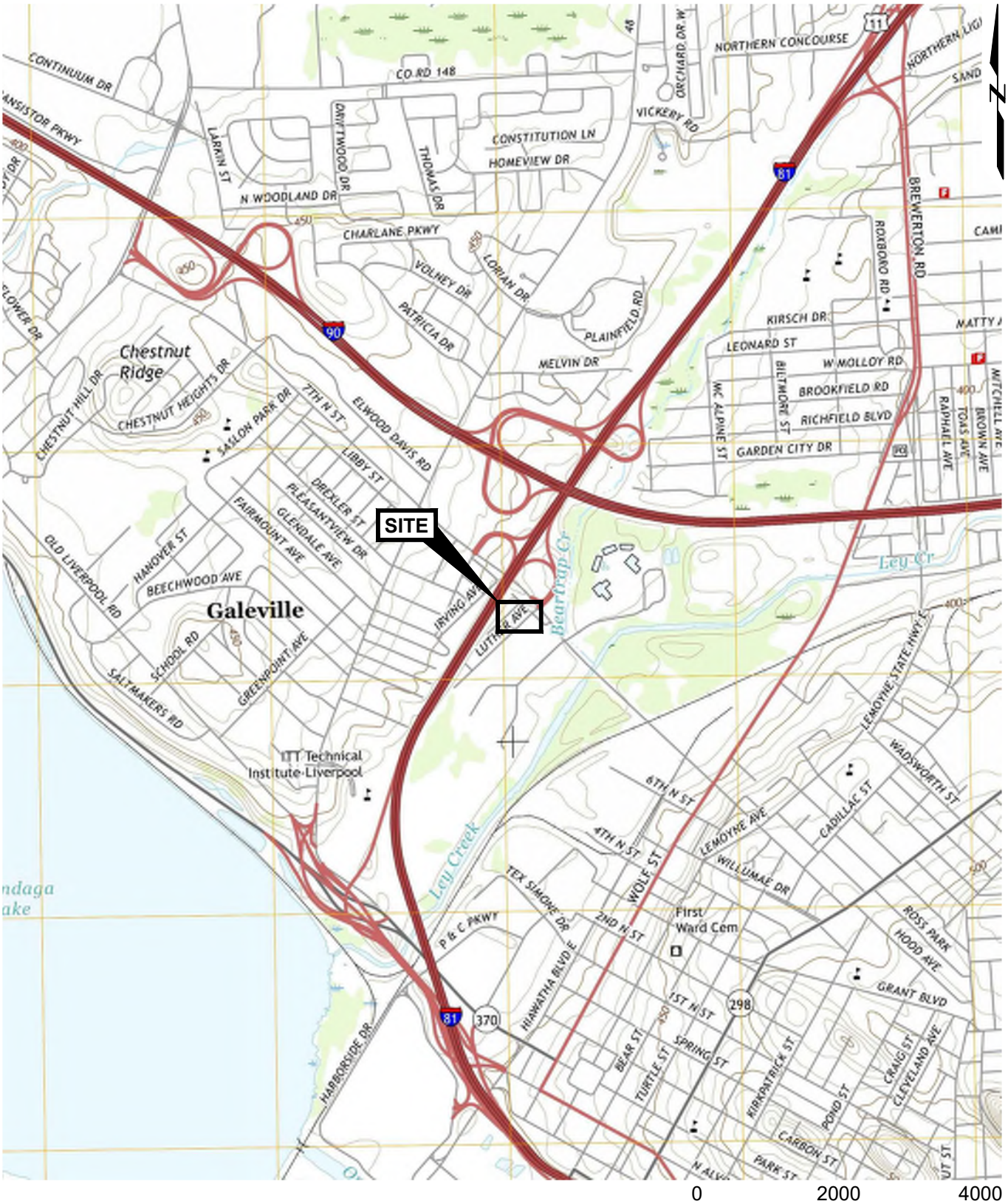
Notes:

Data have not been validated; qualifiers are lab qualifiers
% = Percent
Units are in milligrams per kilogram (mg/kg)
CAS No. = Chemical Abstracts Service Number
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
NE = Not Established
NT = Not Taken (sample was not analyzed for this parameter group)
NA = Not Applicable
H = from high level analysis of EPA 5035
Bolding indicates a detected result
Analytes detected in at least one sample are presented herein

Laboratory Qualifiers:

J = The result is an estimated value
UJ= The analyte was not detected above the reported sample quantitation limit. The data may be biased low
E = The concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

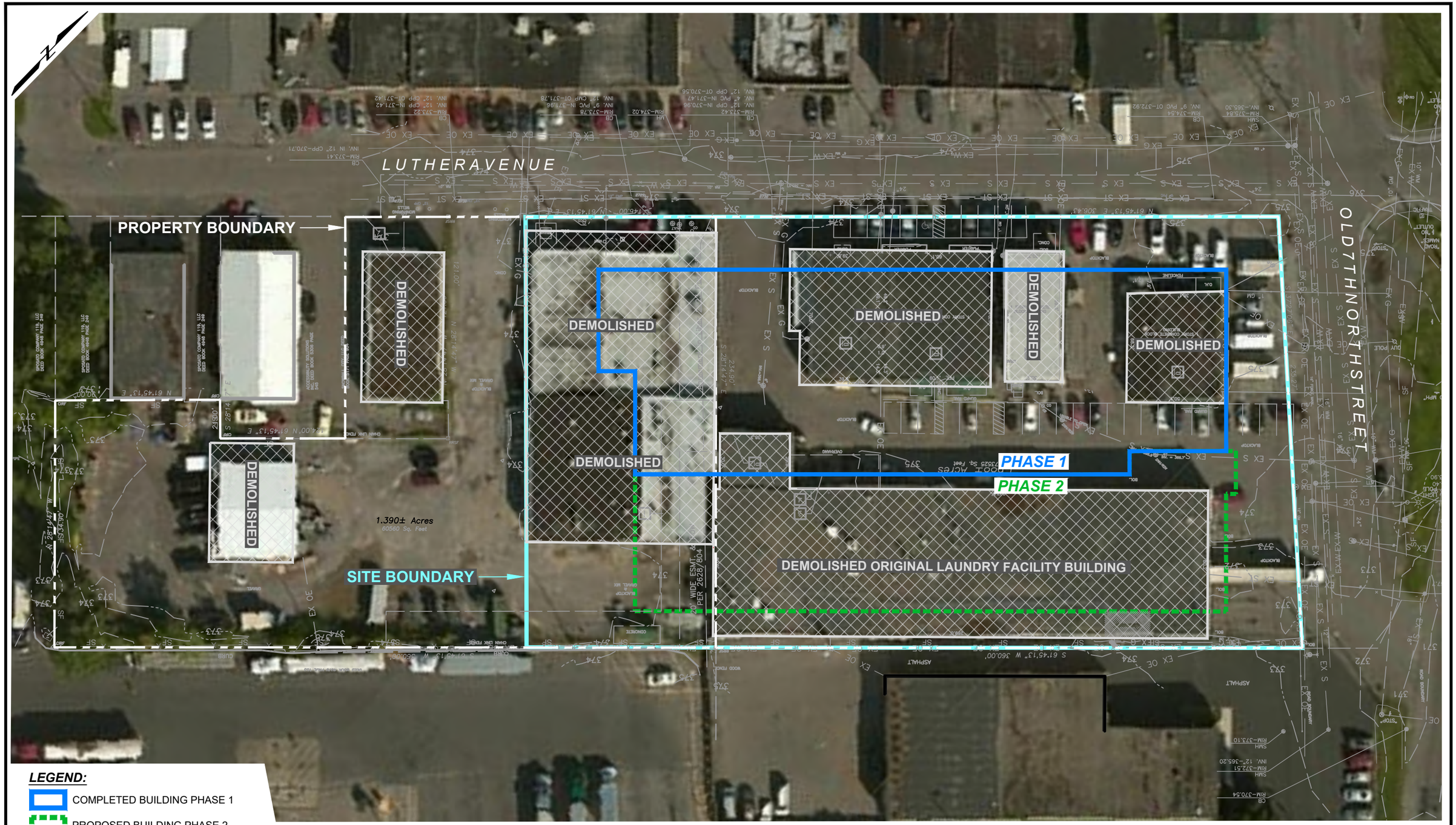
Figures



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Contained-In Determination Request 113 7th North Street Liverpool, New York	GEI Consultants	PROPERTY LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	June 2022 Fig. 1

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SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

0 50 100

SCALE: 1" = 50'

Contained-In Determination Request
113 7th North Street
Liverpool, New York

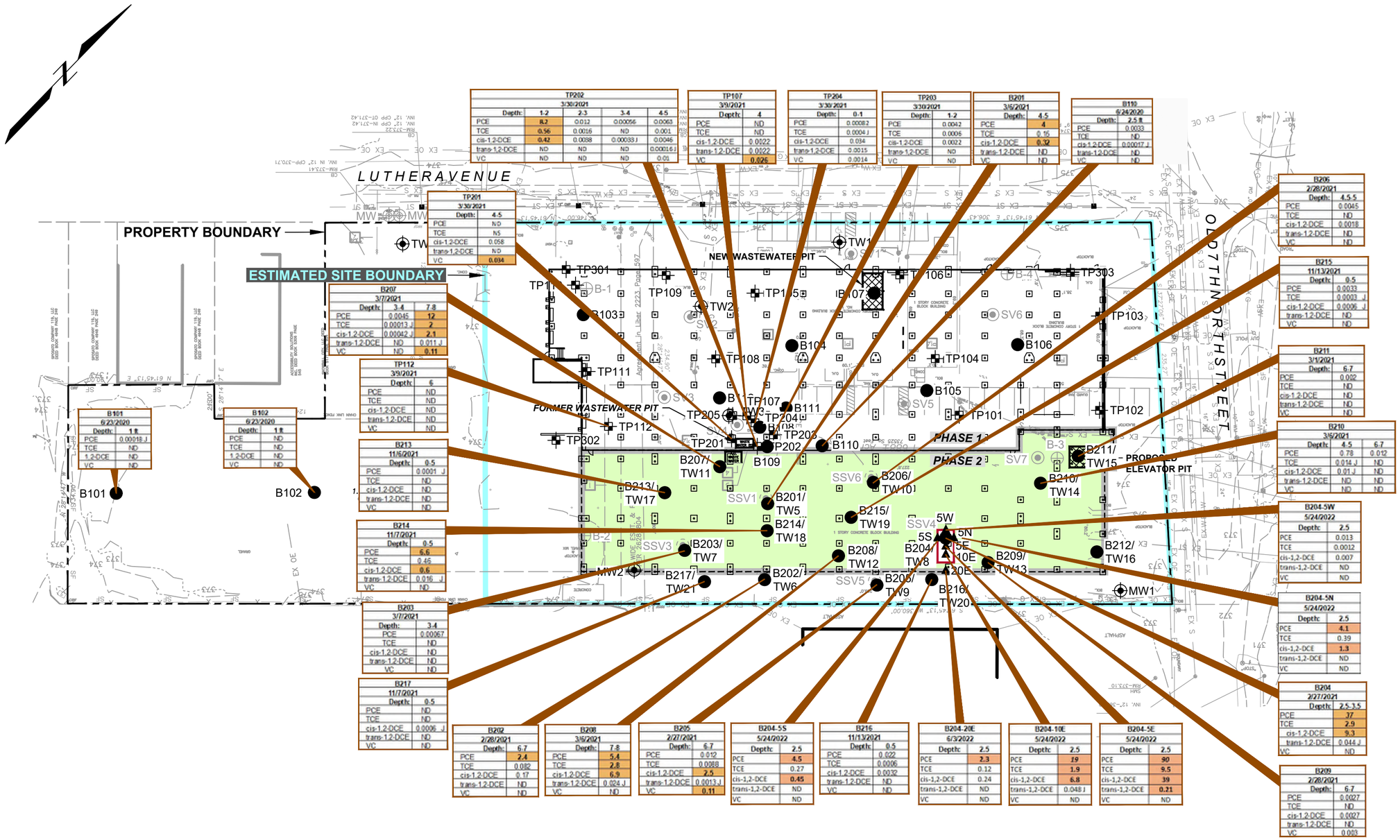
Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | June 2022 | Fig. 2

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LEGEND:

- SOIL SAMPLE
- TEST PIT
- SOIL BORING
- MONITORING WELL (SOIL SAMPLED DURING INSTALLATION)
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- BORING BY OTHERS
- SOIL VAPOR SAMPLE
- SUB-SLAB SOIL GAS MONITORING POINT
- PHASE 2 WORK AREA (SURFACE TO 10.5 BGS) - SUBJECT TO CONTAINED-IN DETERMINATION REQUEST (WITH EXCEPTION OF B204 AREA (BOXED IN RED)
- BUILDING PHASE 1 (CONSTRUCTION COMPLETED)
- PROPOSED BUILDING PHASE 2 (CONSTRUCTION PLANNED FOR 2022)
- PROPERTY BOUNDARY
- ESTIMATED SITE BOUNDARY

SOIL ASSESSMENT NOTES:

1. DATA FORMATTED IN ITALICS EXCEEDS THE TAGM_3028 CONTAINED-IN ACTION LEVEL.
2. DATA FORMATTED BOLD EXCEEDS 6NYCRR 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES.
3. DATA HIGHLIGHTED ORANGE EXCEEDS THE 6NYCRR 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES.
4. DATA ARE PRESENTED IN MILLIGRAMS PER KILOGRAM.
5. J INDICATES AN ESTIMATED VALUE.
6. ND INDICATES THE ANALYTE WAS NOT DETECTED.

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Contained-In Determination Request
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

PHASE 2 WORK AREA
SOIL ASSESSMENT
CVOCs

Project 2001642 | June 2022 | Fig. 3

CLINGEN, PAUL B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\C-I DR 2022\2001642-04.dwg - 6/9/2022

Attachment 1

Form 1 Laboratory Data Sheets

Project Name: LIVERPOOL SOIL GAS SAMPLING
Project Number: 2001642

Lab Number: L2021883
Report Date: 06/03/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2021883-04	MW1 (7.5-8.5)	SOIL	LIVERPOOL,NY	05/27/20 09:15	05/27/20

Project Name: LIVERPOOL SOIL GAS SAMPLING **Lab Number:** L2021883

Project Number: 2001642 **Report Date:** 06/03/20

SAMPLE RESULTS

Lab ID: L2021883-04
Client ID: MW1 (7.5-8.5)
Sample Location: LIVERPOOL,NY

Date Collected: 05/27/20 09:15
Date Received: 05/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/03/20 08:20
Analyst: MV
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: LIVERPOOL SOIL GAS SAMPLING **Lab Number:** L2021883

Project Number: 2001642 **Report Date:** 06/03/20

SAMPLE RESULTS

Lab ID: L2021883-04 Date Collected: 05/27/20 09:15

Client ID: MW1 (7.5-8.5) Date Received: 05/27/20

Sample Location: LIVERPOOL,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.28	1
cis-1,2-Dichloroethene	1.7		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	6.9	J	ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	82		70-130

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642

Lab Number: L2026478
Report Date: 06/30/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2026478-08	2001642-B101(1)	SOIL	LIVERPOOL, NY	06/23/20 13:20	06/23/20
L2026478-09	2001642-B102(1)	SOIL	LIVERPOOL, NY	06/23/20 13:25	06/23/20

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2026478

Project Number: 2001642 **Report Date:** 06/30/20

SAMPLE RESULTS

Lab ID: L2026478-08
Client ID: 2001642-B101(1)
Sample Location: LIVERPOOL, NY

Date Collected: 06/23/20 13:20
Date Received: 06/23/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/28/20 17:55
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	0.18	J	ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2026478

Project Number: 2001642 **Report Date:** 06/30/20

SAMPLE RESULTS

Lab ID: L2026478-08 Date Collected: 06/23/20 13:20

Client ID: 2001642-B101(1) Date Received: 06/23/20

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.83	1
Acetone	17		ug/kg	9.0	4.4	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.2	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.6	0.86	1
Cyclohexane	ND		ug/kg	9.0	0.49	1
1,4-Dioxane	ND		ug/kg	72	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2026478

Project Number: 2001642 **Report Date:** 06/30/20

SAMPLE RESULTS

Lab ID: L2026478-09 Date Collected: 06/23/20 13:25

Client ID: 2001642-B102(1) Date Received: 06/23/20

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/28/20 18:21

Analyst: JC

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.6	1.2	1
1,1-Dichloroethane	ND		ug/kg	0.51	0.07	1
Chloroform	ND		ug/kg	0.77	0.07	1
Carbon tetrachloride	ND		ug/kg	0.51	0.12	1
1,2-Dichloropropane	ND		ug/kg	0.51	0.06	1
Dibromochloromethane	ND		ug/kg	0.51	0.07	1
1,1,2-Trichloroethane	ND		ug/kg	0.51	0.14	1
Tetrachloroethene	ND		ug/kg	0.26	0.10	1
Chlorobenzene	ND		ug/kg	0.26	0.07	1
Trichlorofluoromethane	ND		ug/kg	2.0	0.36	1
1,2-Dichloroethane	ND		ug/kg	0.51	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	0.26	0.09	1
Bromodichloromethane	ND		ug/kg	0.26	0.06	1
trans-1,3-Dichloropropene	ND		ug/kg	0.51	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	0.26	0.08	1
Bromoform	ND		ug/kg	2.0	0.13	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.26	0.09	1
Benzene	ND		ug/kg	0.26	0.09	1
Toluene	ND		ug/kg	0.51	0.28	1
Ethylbenzene	ND		ug/kg	0.51	0.07	1
Chloromethane	ND		ug/kg	2.0	0.48	1
Bromomethane	ND		ug/kg	1.0	0.30	1
Vinyl chloride	ND		ug/kg	0.51	0.17	1
Chloroethane	ND		ug/kg	1.0	0.23	1
1,1-Dichloroethene	ND		ug/kg	0.51	0.12	1
trans-1,2-Dichloroethene	ND		ug/kg	0.77	0.07	1
Trichloroethene	ND		ug/kg	0.26	0.07	1
1,2-Dichlorobenzene	ND		ug/kg	1.0	0.07	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2026478

Project Number: 2001642 **Report Date:** 06/30/20

SAMPLE RESULTS

Lab ID: L2026478-09 Date Collected: 06/23/20 13:25

Client ID: 2001642-B102(1) Date Received: 06/23/20

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.0	0.08	1
1,4-Dichlorobenzene	ND		ug/kg	1.0	0.09	1
Methyl tert butyl ether	ND		ug/kg	1.0	0.10	1
p/m-Xylene	ND		ug/kg	1.0	0.29	1
o-Xylene	ND		ug/kg	0.51	0.15	1
cis-1,2-Dichloroethene	ND		ug/kg	0.51	0.09	1
Styrene	ND		ug/kg	0.51	0.10	1
Dichlorodifluoromethane	ND		ug/kg	5.1	0.47	1
Acetone	7.7		ug/kg	5.1	2.5	1
Carbon disulfide	ND		ug/kg	5.1	2.3	1
2-Butanone	ND		ug/kg	5.1	1.1	1
4-Methyl-2-pentanone	ND		ug/kg	5.1	0.66	1
2-Hexanone	ND		ug/kg	5.1	0.60	1
Bromochloromethane	ND		ug/kg	1.0	0.10	1
1,2-Dibromoethane	ND		ug/kg	0.51	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.5	0.51	1
Isopropylbenzene	ND		ug/kg	0.51	0.06	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.0	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.0	0.14	1
Methyl Acetate	ND		ug/kg	2.0	0.49	1
Cyclohexane	ND		ug/kg	5.1	0.28	1
1,4-Dioxane	ND		ug/kg	41	18.	1
Freon-113	ND		ug/kg	2.0	0.36	1
Methyl cyclohexane	ND		ug/kg	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642

Lab Number: L2026675
Report Date: 06/29/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2026675-03	2001642-B110 (2.5)	SOIL	LIVERPOOL, NY	06/24/20 10:55	06/24/20

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2026675

Project Number: 2001642 **Report Date:** 06/29/20

SAMPLE RESULTS

Lab ID: L2026675-03
Client ID: 2001642-B110 (2.5)
Sample Location: LIVERPOOL, NY

Date Collected: 06/24/20 10:55
Date Received: 06/24/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/26/20 12:23
Analyst: MV
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	3.3		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	ND		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2026675

Project Number: 2001642 **Report Date:** 06/29/20

SAMPLE RESULTS

Lab ID: L2026675-03 Date Collected: 06/24/20 10:55

Client ID: 2001642-B110 (2.5) Date Received: 06/24/20

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.17	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	0.17	J	ug/kg	0.83	0.14	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	18		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.0	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.3	0.79	1
Cyclohexane	ND		ug/kg	8.3	0.45	1
1,4-Dioxane	ND		ug/kg	66	29.	1
Freon-113	ND		ug/kg	3.3	0.57	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	**33**	Q	70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2110097
Report Date: 03/16/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2110097-01	B204 (2.5-3.5)	SOIL	LIVERPOOL, NY	02/27/21 11:30	03/02/21
L2110097-03	B205 (6-7)	SOIL	LIVERPOOL, NY	02/27/21 13:40	03/02/21
L2110097-06	B202 (6-7)	SOIL	LIVERPOOL, NY	02/28/21 09:10	03/02/21
L2110097-09	B206 (4.5-5)	SOIL	LIVERPOOL, NY	02/28/21 11:00	03/02/21
L2110097-10	B206 (2-4)	SOIL	LIVERPOOL, NY	02/28/21 08:50	03/02/21
L2110097-12	B209 (6-7)	SOIL	LIVERPOOL, NY	02/28/21 13:25	03/02/21
L2110097-16	B211 (6-7)	SOIL	LIVERPOOL, NY	03/01/21 11:05	03/02/21
L2110097-18	B211 (0-4)	SOIL	LIVERPOOL, NY	03/01/21 10:50	03/02/21

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-01
Client ID: B204 (2.5-3.5)
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/21 11:30
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/06/21 15:48
Analyst: NLK
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	440	200	1
1,1-Dichloroethane	ND		ug/kg	89	13.	1
Chloroform	120	J	ug/kg	130	12.	1
Carbon tetrachloride	ND		ug/kg	89	20.	1
1,2-Dichloropropane	ND		ug/kg	89	11.	1
Dibromochloromethane	ND		ug/kg	89	12.	1
1,1,2-Trichloroethane	ND		ug/kg	89	24.	1
Tetrachloroethene	33000	E	ug/kg	44	17.	1
Chlorobenzene	ND		ug/kg	44	11.	1
Trichlorofluoromethane	ND		ug/kg	360	62.	1
1,2-Dichloroethane	ND		ug/kg	89	23.	1
1,1,1-Trichloroethane	ND		ug/kg	44	15.	1
Bromodichloromethane	ND		ug/kg	44	9.7	1
trans-1,3-Dichloropropene	ND		ug/kg	89	24.	1
cis-1,3-Dichloropropene	ND		ug/kg	44	14.	1
Bromoform	ND		ug/kg	360	22.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	44	15.	1
Benzene	ND		ug/kg	44	15.	1
Toluene	ND		ug/kg	89	48.	1
Ethylbenzene	ND		ug/kg	89	12.	1
Chloromethane	ND		ug/kg	360	83.	1
Bromomethane	ND		ug/kg	180	52.	1
Vinyl chloride	ND		ug/kg	89	30.	1
Chloroethane	ND		ug/kg	180	40.	1
1,1-Dichloroethene	ND		ug/kg	89	21.	1
trans-1,2-Dichloroethene	44	J	ug/kg	130	12.	1
Trichloroethene	2900		ug/kg	44	12.	1
1,2-Dichlorobenzene	ND		ug/kg	180	13.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-01 Date Collected: 02/27/21 11:30

Client ID: B204 (2.5-3.5) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	180	13.	1
1,4-Dichlorobenzene	ND		ug/kg	180	15.	1
Methyl tert butyl ether	ND		ug/kg	180	18.	1
p/m-Xylene	ND		ug/kg	180	50.	1
o-Xylene	ND		ug/kg	89	26.	1
cis-1,2-Dichloroethene	9300		ug/kg	89	16.	1
Styrene	ND		ug/kg	89	17.	1
Dichlorodifluoromethane	ND		ug/kg	890	81.	1
Acetone	ND		ug/kg	890	430	1
Carbon disulfide	ND		ug/kg	890	400	1
2-Butanone	ND		ug/kg	890	200	1
4-Methyl-2-pentanone	ND		ug/kg	890	110	1
2-Hexanone	ND		ug/kg	890	100	1
Bromochloromethane	ND		ug/kg	180	18.	1
1,2-Dibromoethane	ND		ug/kg	89	25.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	270	89.	1
Isopropylbenzene	ND		ug/kg	89	9.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	180	29.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	24.	1
Methyl Acetate	ND		ug/kg	360	84.	1
Cyclohexane	ND		ug/kg	890	48.	1
1,4-Dioxane	ND		ug/kg	7100	3100	1
Freon-113	ND		ug/kg	360	62.	1
Methyl cyclohexane	ND		ug/kg	360	54.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2110097
Project Number: 2001642
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-01 D
Client ID: B204 (2.5-3.5)
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/21 11:30
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/08/21 11:19
Analyst: KJD
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tetrachloroethene	37000		ug/kg	89	35.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-03
Client ID: B205 (6-7)
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/21 13:40
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/06/21 12:03
Analyst: NLK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	12		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	110		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	0.41	J	ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	1.3	J	ug/kg	1.4	0.12	1
Trichloroethene	8.8		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-03 Date Collected: 02/27/21 13:40

Client ID: B205 (6-7) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	290	E	ug/kg	0.91	0.16	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	40		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.6	0.86	1
Cyclohexane	ND		ug/kg	9.1	0.49	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-03
Client ID: B205 (6-7)
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/21 13:40
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/08/21 12:09
Analyst: KJD
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	670	310	1
1,1-Dichloroethane	ND		ug/kg	130	20.	1
Chloroform	ND		ug/kg	200	19.	1
Carbon tetrachloride	ND		ug/kg	130	31.	1
1,2-Dichloropropane	ND		ug/kg	130	17.	1
Dibromochloromethane	ND		ug/kg	130	19.	1
1,1,2-Trichloroethane	ND		ug/kg	130	36.	1
Tetrachloroethene	670		ug/kg	67	26.	1
Chlorobenzene	ND		ug/kg	67	17.	1
Trichlorofluoromethane	ND		ug/kg	540	94.	1
1,2-Dichloroethane	ND		ug/kg	130	35.	1
1,1,1-Trichloroethane	ND		ug/kg	67	22.	1
Bromodichloromethane	ND		ug/kg	67	15.	1
trans-1,3-Dichloropropene	ND		ug/kg	130	37.	1
cis-1,3-Dichloropropene	ND		ug/kg	67	21.	1
Bromoform	ND		ug/kg	540	33.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	67	22.	1
Benzene	34	J	ug/kg	67	22.	1
Toluene	170		ug/kg	130	73.	1
Ethylbenzene	ND		ug/kg	130	19.	1
Chloromethane	ND		ug/kg	540	120	1
Bromomethane	ND		ug/kg	270	78.	1
Vinyl chloride	310		ug/kg	130	45.	1
Chloroethane	ND		ug/kg	270	61.	1
1,1-Dichloroethene	ND		ug/kg	130	32.	1
trans-1,2-Dichloroethene	ND		ug/kg	200	18.	1
Trichloroethene	150		ug/kg	67	18.	1
1,2-Dichlorobenzene	ND		ug/kg	270	19.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-03 Date Collected: 02/27/21 13:40

Client ID: B205 (6-7) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	270	20.	1
1,4-Dichlorobenzene	ND		ug/kg	270	23.	1
Methyl tert butyl ether	ND		ug/kg	270	27.	1
p/m-Xylene	ND		ug/kg	270	76.	1
o-Xylene	ND		ug/kg	130	39.	1
cis-1,2-Dichloroethene	2500		ug/kg	130	24.	1
Styrene	ND		ug/kg	130	26.	1
Dichlorodifluoromethane	ND		ug/kg	1300	120	1
Acetone	ND		ug/kg	1300	650	1
Carbon disulfide	ND		ug/kg	1300	610	1
2-Butanone	ND		ug/kg	1300	300	1
4-Methyl-2-pentanone	ND		ug/kg	1300	170	1
2-Hexanone	ND		ug/kg	1300	160	1
Bromochloromethane	ND		ug/kg	270	28.	1
1,2-Dibromoethane	ND		ug/kg	130	38.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	400	130	1
Isopropylbenzene	ND		ug/kg	130	15.	1
1,2,3-Trichlorobenzene	ND		ug/kg	270	43.	1
1,2,4-Trichlorobenzene	ND		ug/kg	270	37.	1
Methyl Acetate	ND		ug/kg	540	130	1
Cyclohexane	ND		ug/kg	1300	73.	1
1,4-Dioxane	ND		ug/kg	11000	4700	1
Freon-113	ND		ug/kg	540	94.	1
Methyl cyclohexane	ND		ug/kg	540	81.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-06
Client ID: B202 (6-7)
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/21 09:10
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/06/21 16:38
Analyst: NLK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	52	7.5	1
Chloroform	9.6	J	ug/kg	77	7.2	1
Carbon tetrachloride	ND		ug/kg	52	12.	1
1,2-Dichloropropane	ND		ug/kg	52	6.4	1
Dibromochloromethane	ND		ug/kg	52	7.2	1
1,1,2-Trichloroethane	ND		ug/kg	52	14.	1
Tetrachloroethene	2400		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.6	1
Trichlorofluoromethane	ND		ug/kg	210	36.	1
1,2-Dichloroethane	ND		ug/kg	52	13.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.6	1
Bromodichloromethane	ND		ug/kg	26	5.6	1
trans-1,3-Dichloropropene	ND		ug/kg	52	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.2	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.6	1
Benzene	ND		ug/kg	26	8.6	1
Toluene	ND		ug/kg	52	28.	1
Ethylbenzene	ND		ug/kg	52	7.3	1
Chloromethane	ND		ug/kg	210	48.	1
Bromomethane	ND		ug/kg	100	30.	1
Vinyl chloride	ND		ug/kg	52	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	52	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	77	7.1	1
Trichloroethene	82		ug/kg	26	7.1	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.4	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-06 Date Collected: 02/28/21 09:10

Client ID: B202 (6-7) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	100	7.6	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.8	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	ND		ug/kg	100	29.	1
o-Xylene	ND		ug/kg	52	15.	1
cis-1,2-Dichloroethene	170		ug/kg	52	9.0	1
Styrene	ND		ug/kg	52	10.	1
Dichlorodifluoromethane	ND		ug/kg	520	47.	1
Acetone	ND		ug/kg	520	250	1
Carbon disulfide	ND		ug/kg	520	230	1
2-Butanone	ND		ug/kg	520	110	1
4-Methyl-2-pentanone	ND		ug/kg	520	66.	1
2-Hexanone	ND		ug/kg	520	61.	1
Bromochloromethane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	52	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	52.	1
Isopropylbenzene	ND		ug/kg	52	5.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
Methyl Acetate	ND		ug/kg	210	49.	1
Cyclohexane	ND		ug/kg	520	28.	1
1,4-Dioxane	ND		ug/kg	4100	1800	1
Freon-113	ND		ug/kg	210	36.	1
Methyl cyclohexane	ND		ug/kg	210	31.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-09
Client ID: B206 (4.5-5)
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/21 11:00
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/06/21 12:27
Analyst: NLK
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	4.5		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-09 Date Collected: 02/28/21 11:00

Client ID: B206 (4.5-5) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	1.8		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	80		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	12		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-12
Client ID: B209 (6-7)
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/21 13:25
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/06/21 12:52
Analyst: NLK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	2.7		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	2.8		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-12 Date Collected: 02/28/21 13:25

Client ID: B209 (6-7) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	2.7		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	21		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	114		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-16
Client ID: B211 (6-7)
Sample Location: LIVERPOOL, NY
Date Collected: 03/01/21 11:05
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/06/21 14:07
Analyst: NLK
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	2.0		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-16 Date Collected: 03/01/21 11:05

Client ID: B211 (6-7) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.75	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-10
Client ID: B206 (2-4)
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/21 08:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/08/21 01:36
Analyst: WR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/05/21 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	60.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-10 Date Collected: 02/28/21 08:50

Client ID: B206 (2-4) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-10 Date Collected: 02/28/21 08:50

Client ID: B206 (2-4) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	57		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-18 D
Client ID: B211 (0-4)
Sample Location: LIVERPOOL, NY

Date Collected: 03/01/21 10:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/10/21 17:15
Analyst: JG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/05/21 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	730	94.	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	910	90.	5
3,3'-Dichlorobenzidine	ND		ug/kg	910	240	5
2,4-Dinitrotoluene	ND		ug/kg	910	180	5
2,6-Dinitrotoluene	ND		ug/kg	910	160	5
Fluoranthene	4400		ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	910	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	910	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	910	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	ND		ug/kg	910	110	5
Nitrobenzene	ND		ug/kg	820	130	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	910	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	910	310	5
Butyl benzyl phthalate	ND		ug/kg	910	230	5
Di-n-butylphthalate	ND		ug/kg	910	170	5
Di-n-octylphthalate	ND		ug/kg	910	310	5
Diethyl phthalate	ND		ug/kg	910	84.	5
Dimethyl phthalate	ND		ug/kg	910	190	5
Benzo(a)anthracene	1700		ug/kg	540	100	5
Benzo(a)pyrene	1800		ug/kg	730	220	5

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-18 D Date Collected: 03/01/21 10:50

Client ID: B211 (0-4) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2500		ug/kg	540	150	5
Benzo(k)fluoranthene	840		ug/kg	540	140	5
Chrysene	2000		ug/kg	540	94.	5
Acenaphthylene	ND		ug/kg	730	140	5
Anthracene	760		ug/kg	540	180	5
Benzo(ghi)perylene	1100		ug/kg	730	110	5
Fluorene	110	J	ug/kg	910	88.	5
Phenanthrene	1900		ug/kg	540	110	5
Dibenzo(a,h)anthracene	260	J	ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	1200		ug/kg	730	130	5
Pyrene	3600		ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	910	160	5
2-Nitroaniline	ND		ug/kg	910	180	5
3-Nitroaniline	ND		ug/kg	910	170	5
4-Nitroaniline	ND		ug/kg	910	380	5
Dibenzofuran	ND		ug/kg	910	86.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	910	95.	5
Acetophenone	ND		ug/kg	910	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	910	140	5
2-Chlorophenol	ND		ug/kg	910	110	5
2,4-Dichlorophenol	ND		ug/kg	820	150	5
2,4-Dimethylphenol	ND		ug/kg	910	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	910	140	5
2-Methylphenol	ND		ug/kg	910	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	910	170	5
Carbazole	440	J	ug/kg	910	88.	5
Atrazine	ND		ug/kg	730	320	5
Benzaldehyde	ND		ug/kg	1200	240	5

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-18 D Date Collected: 03/01/21 10:50

Client ID: B211 (0-4) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	910	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	910	180	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	59		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-10
Client ID: B206 (2-4)
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/21 08:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/06/21 12:06
Analyst: JAW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/05/21 16:53
Cleanup Method: EPA 3665A
Cleanup Date: 03/06/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.8	3.01	1	A
Aroclor 1221	ND		ug/kg	33.8	3.39	1	A
Aroclor 1232	ND		ug/kg	33.8	7.18	1	A
Aroclor 1242	ND		ug/kg	33.8	4.56	1	A
Aroclor 1248	ND		ug/kg	33.8	5.08	1	A
Aroclor 1254	ND		ug/kg	33.8	3.70	1	A
Aroclor 1260	ND		ug/kg	33.8	6.26	1	A
Aroclor 1262	ND		ug/kg	33.8	4.30	1	A
Aroclor 1268	ND		ug/kg	33.8	3.51	1	A
PCBs, Total	ND		ug/kg	33.8	3.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-18
Client ID: B211 (0-4)
Sample Location: LIVERPOOL, NY

Date Collected: 03/01/21 10:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/06/21 11:23
Analyst: JAW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/05/21 16:53
Cleanup Method: EPA 3665A
Cleanup Date: 03/06/21
Cleanup Method: EPA 3660B
Cleanup Date: 03/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.0	3.11	1	A
Aroclor 1221	ND		ug/kg	35.0	3.51	1	A
Aroclor 1232	ND		ug/kg	35.0	7.43	1	A
Aroclor 1242	ND		ug/kg	35.0	4.72	1	A
Aroclor 1248	6.19	J	ug/kg	35.0	5.26	1	B
Aroclor 1254	10.7	J	ug/kg	35.0	3.83	1	B
Aroclor 1260	9.73	J	ug/kg	35.0	6.48	1	A
Aroclor 1262	ND		ug/kg	35.0	4.45	1	A
Aroclor 1268	ND		ug/kg	35.0	3.63	1	A
PCBs, Total	26.6	J	ug/kg	35.0	3.11	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-10
Client ID: B206 (2-4)
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/21 08:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/09/21 13:11
Analyst: JMC
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/05/21 19:49
Cleanup Method: EPA 3620B
Cleanup Date: 03/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.320	1	A
Lindane	ND		ug/kg	0.682	0.305	1	A
Alpha-BHC	ND		ug/kg	0.682	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.620	1	A
Heptachlor	ND		ug/kg	0.818	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.576	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.921	1	A
Endrin	ND		ug/kg	0.682	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.716	1	A
Endrin ketone	ND		ug/kg	1.64	0.421	1	A
Dieldrin	ND		ug/kg	1.02	0.511	1	A
4,4'-DDE	ND		ug/kg	1.64	0.378	1	A
4,4'-DDD	ND		ug/kg	1.64	0.584	1	A
4,4'-DDT	ND		ug/kg	3.07	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.547	1	A
Endosulfan sulfate	ND		ug/kg	0.682	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.955	1	A
Toxaphene	ND		ug/kg	30.7	8.59	1	A
cis-Chlordane	ND		ug/kg	2.04	0.570	1	A
trans-Chlordane	ND		ug/kg	2.04	0.540	1	A
Chlordane	ND		ug/kg	13.6	5.42	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-10 Date Collected: 02/28/21 08:50

Client ID: B206 (2-4) Date Received: 03/02/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-18 D
Client ID: B211 (0-4)
Sample Location: LIVERPOOL, NY

Date Collected: 03/01/21 10:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/09/21 16:21
Analyst: JMC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/05/21 19:49
Cleanup Method: EPA 3620B
Cleanup Date: 03/06/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	3.32	0.651	2	A
Lindane	ND		ug/kg	1.38	0.619	2	A
Alpha-BHC	ND		ug/kg	1.38	0.394	2	A
Beta-BHC	ND		ug/kg	3.32	1.26	2	A
Heptachlor	ND		ug/kg	1.66	0.745	2	A
Aldrin	ND		ug/kg	3.32	1.17	2	A
Heptachlor epoxide	ND		ug/kg	6.24	1.87	2	A
Endrin	ND		ug/kg	1.38	0.568	2	A
Endrin aldehyde	ND		ug/kg	4.16	1.45	2	A
Endrin ketone	ND		ug/kg	3.32	0.856	2	A
Dieldrin	ND		ug/kg	2.08	1.04	2	A
4,4'-DDE	ND		ug/kg	3.32	0.769	2	A
4,4'-DDD	ND		ug/kg	3.32	1.19	2	A
4,4'-DDT	ND		ug/kg	6.24	2.67	2	A
Endosulfan I	ND		ug/kg	3.32	0.786	2	A
Endosulfan II	ND		ug/kg	3.32	1.11	2	A
Endosulfan sulfate	ND		ug/kg	1.38	0.660	2	A
Methoxychlor	ND		ug/kg	6.24	1.94	2	A
Toxaphene	ND		ug/kg	62.4	17.4	2	A
cis-Chlordane	ND		ug/kg	4.16	1.16	2	A
trans-Chlordane	ND		ug/kg	4.16	1.10	2	A
Chlordane	ND		ug/kg	27.7	11.0	2	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2110097

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-18 D
Client ID: B211 (0-4)
Sample Location: LIVERPOOL, NY

Date Collected: 03/01/21 10:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	130		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2110097
Project Number: 2001642
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-10
Client ID: B206 (2-4)
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/21 08:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.29		mg/kg	0.410	0.085	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Barium, Total	25.6		mg/kg	0.410	0.071	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Beryllium, Total	0.217		mg/kg	0.205	0.014	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Cadmium, Total	0.201	J	mg/kg	0.410	0.040	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Chromium, Total	8.55		mg/kg	0.410	0.039	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Copper, Total	6.78		mg/kg	0.410	0.106	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Lead, Total	3.87		mg/kg	2.05	0.110	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Manganese, Total	144		mg/kg	0.410	0.065	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.066	0.043	1	03/04/21 08:30	03/05/21 22:31	EPA 7471B	1,7471B	NB
Nickel, Total	8.88		mg/kg	1.02	0.099	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	0.820	0.106	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.410	0.116	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
Zinc, Total	24.4		mg/kg	2.05	0.120	1	03/04/21 05:45	03/05/21 12:53	EPA 3050B	1,6010D	GD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	8.6		mg/kg	0.85	0.85	1		03/14/21 22:18	NA	107,-	

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2110097
Project Number: 2001642
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-18
Client ID: B211 (0-4)
Sample Location: LIVERPOOL, NY
Date Collected: 03/01/21 10:50
Date Received: 03/02/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.37		mg/kg	0.425	0.088	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Barium, Total	38.2		mg/kg	0.425	0.074	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Beryllium, Total	0.140	J	mg/kg	0.212	0.014	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Cadmium, Total	0.400	J	mg/kg	0.425	0.042	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Chromium, Total	7.19		mg/kg	0.425	0.041	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Copper, Total	15.7		mg/kg	0.425	0.110	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Lead, Total	102		mg/kg	2.12	0.114	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Manganese, Total	163		mg/kg	0.425	0.068	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Mercury, Total	0.080		mg/kg	0.069	0.045	1	03/04/21 08:30	03/05/21 21:35	EPA 7471B	1,7471B	NB
Nickel, Total	8.30		mg/kg	1.06	0.103	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	0.850	0.110	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.425	0.120	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
Zinc, Total	42.6		mg/kg	2.12	0.124	1	03/04/21 05:45	03/05/21 10:37	EPA 3050B	1,6010D	GD
General Chemistry - Mansfield Lab											
Chromium, Trivalent	7.2		mg/kg	0.88	0.88	1		03/14/21 22:19	NA	107,-	

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-10
Client ID: B206 (2-4)
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/28/21 08:50
Date Received: 03/02/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	03/03/21 10:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.97	0.21	1	03/13/21 17:45	03/14/21 14:52	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.848	0.170	1	03/13/21 12:25	03/14/21 22:18	1,7196A	JW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2110097
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2110097-18
Client ID: B211 (0-4)
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/01/21 10:50
Date Received: 03/02/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	03/03/21 10:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	03/13/21 17:45	03/14/21 14:53	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.876	0.175	1	03/13/21 12:25	03/14/21 22:19	1,7196A	JW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2111243
Report Date: 03/16/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2111243-07	B210(4-5)	SOIL	LIVERPOOL, NY	03/06/21 12:35	03/08/21
L2111243-08	B210(6-7)	SOIL	LIVERPOOL, NY	03/06/21 12:35	03/08/21
L2111243-12	B201 (4-5)	SOIL	LIVERPOOL, NY	03/06/21 14:00	03/08/21
L2111243-18	DUP 030621-1	SOIL	LIVERPOOL, NY	03/06/21 00:00	03/08/21
L2111243-19	B207 (3-4)	SOIL	LIVERPOOL, NY	03/06/21 16:00	03/08/21
L2111243-21	B203 (0.5-4)	SOIL	LIVERPOOL, NY	03/06/21 16:30	03/08/21
L2111243-22	DUP030621-2	SOIL	LIVERPOOL, NY	03/06/21 00:00	03/08/21
L2111243-23	B207 (7-8)	SOIL	LIVERPOOL, NY	03/07/21 07:45	03/08/21

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-07
Client ID: B210(4-5)
Sample Location: LIVERPOOL, NY
Date Collected: 03/06/21 12:35
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/14/21 16:34
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	58	8.3	1
Chloroform	ND		ug/kg	86	8.0	1
Carbon tetrachloride	ND		ug/kg	58	13.	1
1,2-Dichloropropane	ND		ug/kg	58	7.2	1
Dibromochloromethane	ND		ug/kg	58	8.0	1
1,1,2-Trichloroethane	ND		ug/kg	58	15.	1
Tetrachloroethene	780		ug/kg	29	11.	1
Chlorobenzene	ND		ug/kg	29	7.3	1
Trichlorofluoromethane	ND		ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	58	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.6	1
Bromodichloromethane	ND		ug/kg	29	6.3	1
trans-1,3-Dichloropropene	ND		ug/kg	58	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.1	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.6	1
Benzene	ND		ug/kg	29	9.6	1
Toluene	ND		ug/kg	58	31.	1
Ethylbenzene	ND		ug/kg	58	8.1	1
Chloromethane	ND		ug/kg	230	54.	1
Bromomethane	40	J	ug/kg	120	33.	1
Vinyl chloride	ND		ug/kg	58	19.	1
Chloroethane	ND		ug/kg	120	26.	1
1,1-Dichloroethene	ND		ug/kg	58	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	86	7.9	1
Trichloroethene	14	J	ug/kg	29	7.9	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.3	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-07 Date Collected: 03/06/21 12:35

Client ID: B210(4-5) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	120	8.5	1
1,4-Dichlorobenzene	ND		ug/kg	120	9.8	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	32.	1
o-Xylene	ND		ug/kg	58	17.	1
cis-1,2-Dichloroethene	10	J	ug/kg	58	10.	1
Styrene	ND		ug/kg	58	11.	1
Dichlorodifluoromethane	ND		ug/kg	580	53.	1
Acetone	ND		ug/kg	580	280	1
Carbon disulfide	ND		ug/kg	580	260	1
2-Butanone	150	J	ug/kg	580	130	1
4-Methyl-2-pentanone	ND		ug/kg	580	74.	1
2-Hexanone	ND		ug/kg	580	68.	1
Bromochloromethane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	58	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	57.	1
Isopropylbenzene	ND		ug/kg	58	6.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
Methyl Acetate	ND		ug/kg	230	55.	1
Cyclohexane	ND		ug/kg	580	31.	1
1,4-Dioxane	ND		ug/kg	4600	2000	1
Freon-113	ND		ug/kg	230	40.	1
Methyl cyclohexane	ND		ug/kg	230	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	87		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-07
Client ID: B210(4-5)
Sample Location: LIVERPOOL, NY
Date Collected: 03/06/21 12:35
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/15/21 10:14
Analyst: KJD
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.23	1
Tetrachloroethene	63		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.29	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	0.72		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-07 Date Collected: 03/06/21 12:35

Client ID: B210(4-5) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.25	1
cis-1,2-Dichloroethene	0.69	J	ug/kg	0.88	0.15	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.80	1
Acetone	5.5	J	ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
Methyl Acetate	ND		ug/kg	3.5	0.83	1
Cyclohexane	ND		ug/kg	8.8	0.48	1
1,4-Dioxane	ND		ug/kg	70	31.	1
Freon-113	ND		ug/kg	3.5	0.61	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	90		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-08
Client ID: B210(6-7)
Sample Location: LIVERPOOL, NY
Date Collected: 03/06/21 12:35
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/14/21 14:54
Analyst: JC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	12		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.14	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.51	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-08 Date Collected: 03/06/21 12:35

Client ID: B210(6-7) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.80	1
Acetone	7.6	J	ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	4.0	1
2-Butanone	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
Methyl Acetate	1.3	J	ug/kg	3.5	0.83	1
Cyclohexane	ND		ug/kg	8.7	0.47	1
1,4-Dioxane	ND		ug/kg	70	31.	1
Freon-113	ND		ug/kg	3.5	0.60	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	91		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-12
Client ID: B201 (4-5)
Sample Location: LIVERPOOL, NY

Date Collected: 03/06/21 14:00
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/14/21 16:59
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	67	9.7	1
Chloroform	9.8	J	ug/kg	100	9.3	1
Carbon tetrachloride	ND		ug/kg	67	15.	1
1,2-Dichloropropane	ND		ug/kg	67	8.3	1
Dibromochloromethane	ND		ug/kg	67	9.3	1
1,1,2-Trichloroethane	ND		ug/kg	67	18.	1
Tetrachloroethene	4000		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.5	1
Trichlorofluoromethane	ND		ug/kg	270	46.	1
1,2-Dichloroethane	ND		ug/kg	67	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.3	1
trans-1,3-Dichloropropene	ND		ug/kg	67	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	67	36.	1
Ethylbenzene	ND		ug/kg	67	9.4	1
Chloromethane	ND		ug/kg	270	62.	1
Bromomethane	ND		ug/kg	130	39.	1
Vinyl chloride	ND		ug/kg	67	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	67	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.1	1
Trichloroethene	150		ug/kg	33	9.1	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.6	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-18 Date Collected: 03/06/21 00:00

Client ID: DUP 030621-1 Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	0.67	J	ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	9.8	J	ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	85	37.	1
Freon-113	ND		ug/kg	4.3	0.74	1
Methyl cyclohexane	ND		ug/kg	4.3	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	87		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-19
Client ID: B207 (3-4)
Sample Location: LIVERPOOL, NY
Date Collected: 03/06/21 16:00
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/14/21 15:44
Analyst: JC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.85	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.85	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.85	0.11	1
Dibromochloromethane	ND		ug/kg	0.85	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.85	0.23	1
Tetrachloroethene	4.5		ug/kg	0.42	0.17	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.85	0.46	1
Ethylbenzene	ND		ug/kg	0.85	0.12	1
Chloromethane	ND		ug/kg	3.4	0.79	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.85	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	0.13	J	ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-19 Date Collected: 03/06/21 16:00

Client ID: B207 (3-4) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.85	0.25	1
cis-1,2-Dichloroethene	0.42	J	ug/kg	0.85	0.15	1
Styrene	ND		ug/kg	0.85	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.78	1
Acetone	7.0	J	ug/kg	8.5	4.1	1
Carbon disulfide	ND		ug/kg	8.5	3.9	1
2-Butanone	ND		ug/kg	8.5	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1.1	1
2-Hexanone	ND		ug/kg	8.5	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.85	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.85	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.81	1
Cyclohexane	ND		ug/kg	8.5	0.46	1
1,4-Dioxane	ND		ug/kg	68	30.	1
Freon-113	ND		ug/kg	3.4	0.59	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	96		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-23
Client ID: B207 (7-8)
Sample Location: LIVERPOOL, NY
Date Collected: 03/07/21 07:45
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/14/21 17:49
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	67	9.6	1
Chloroform	ND		ug/kg	100	9.3	1
Carbon tetrachloride	ND		ug/kg	67	15.	1
1,2-Dichloropropane	ND		ug/kg	67	8.3	1
Dibromochloromethane	ND		ug/kg	67	9.3	1
1,1,2-Trichloroethane	ND		ug/kg	67	18.	1
Tetrachloroethene	12000		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.4	1
Trichlorofluoromethane	ND		ug/kg	270	46.	1
1,2-Dichloroethane	ND		ug/kg	67	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	67	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	67	36.	1
Ethylbenzene	ND		ug/kg	67	9.4	1
Chloromethane	ND		ug/kg	270	62.	1
Bromomethane	ND		ug/kg	130	39.	1
Vinyl chloride	110		ug/kg	67	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	67	16.	1
trans-1,2-Dichloroethene	11	J	ug/kg	100	9.1	1
Trichloroethene	2000		ug/kg	33	9.1	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.6	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-21 Date Collected: 03/06/21 16:30

Client ID: B203 (0.5-4) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1400		ug/kg	110	31.	1
Benzo(k)fluoranthene	450		ug/kg	110	29.	1
Chrysene	1100		ug/kg	110	19.	1
Acenaphthylene	33	J	ug/kg	150	28.	1
Anthracene	490		ug/kg	110	36.	1
Benzo(ghi)perylene	760		ug/kg	150	21.	1
Fluorene	220		ug/kg	180	18.	1
Phenanthrene	1900		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	170		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	790		ug/kg	150	25.	1
Pyrene	2200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	120	J	ug/kg	180	17.	1
2-Methylnaphthalene	48	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	270		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-21 Date Collected: 03/06/21 16:30

Client ID: B203 (0.5-4) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	115		10-136
4-Terphenyl-d14	84		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-22
Client ID: DUP030621-2
Sample Location: LIVERPOOL, NY

Date Collected: 03/06/21 00:00
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 03/12/21 16:57
Analyst: JG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 03/12/21 00:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	30	J	ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	380		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	32	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	200		ug/kg	130	24.	1
Benzo(a)pyrene	200		ug/kg	170	51.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-22 Date Collected: 03/06/21 00:00

Client ID: DUP030621-2 Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	240		ug/kg	130	36.	1
Benzo(k)fluoranthene	91	J	ug/kg	130	34.	1
Chrysene	200		ug/kg	130	22.	1
Acenaphthylene	33	J	ug/kg	170	32.	1
Anthracene	74	J	ug/kg	130	41.	1
Benzo(ghi)perylene	150	J	ug/kg	170	25.	1
Fluorene	31	J	ug/kg	210	20.	1
Phenanthrene	230		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	170	29.	1
Pyrene	320		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	79.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	38	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-22 Date Collected: 03/06/21 00:00

Client ID: DUP030621-2 Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	67		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-21
Client ID: B203 (0.5-4)
Sample Location: LIVERPOOL, NY

Date Collected: 03/06/21 16:30
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/14/21 14:57
Analyst: JMC
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 03/13/21 08:07
Cleanup Method: EPA 3620B
Cleanup Date: 03/13/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.986	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	6.46	P	ug/kg	1.75	0.405	1	B
4,4'-DDD	1.48	J	ug/kg	1.75	0.625	1	B
4,4'-DDT	ND		ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.348	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.20	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.6	5.80	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-21 Date Collected: 03/06/21 16:30

Client ID: B203 (0.5-4) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**812**	Q	30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-22
Client ID: DUP030621-2
Sample Location: LIVERPOOL, NY

Date Collected: 03/06/21 00:00
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/14/21 15:10
Analyst: JMC
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 03/13/21 08:07
Cleanup Method: EPA 3620B
Cleanup Date: 03/13/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.387	1	A
Lindane	ND		ug/kg	0.823	0.368	1	A
Alpha-BHC	ND		ug/kg	0.823	0.234	1	A
Beta-BHC	ND		ug/kg	1.97	0.749	1	A
Heptachlor	ND		ug/kg	0.987	0.443	1	A
Aldrin	ND		ug/kg	1.97	0.695	1	A
Heptachlor epoxide	ND		ug/kg	3.70	1.11	1	A
Endrin	ND		ug/kg	0.823	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.47	0.864	1	A
Endrin ketone	ND		ug/kg	1.97	0.508	1	A
Dieldrin	ND		ug/kg	1.23	0.617	1	A
4,4'-DDE	7.08	P	ug/kg	1.97	0.457	1	B
4,4'-DDD	1.77	J	ug/kg	1.97	0.704	1	A
4,4'-DDT	ND		ug/kg	3.70	1.59	1	A
Endosulfan I	ND		ug/kg	1.97	0.466	1	A
Endosulfan II	ND		ug/kg	1.97	0.660	1	A
Endosulfan sulfate	ND		ug/kg	0.823	0.392	1	A
Methoxychlor	ND		ug/kg	3.70	1.15	1	A
Toxaphene	ND		ug/kg	37.0	10.4	1	A
cis-Chlordane	ND		ug/kg	2.47	0.688	1	A
trans-Chlordane	ND		ug/kg	2.47	0.652	1	A
Chlordane	ND		ug/kg	16.4	6.54	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2111243

Project Number: 2001642 **Report Date:** 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-22 Date Collected: 03/06/21 00:00

Client ID: DUP030621-2 Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**1140**	Q	30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-21
Client ID: B203 (0.5-4)
Sample Location: LIVERPOOL, NY
Date Collected: 03/06/21 16:30
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.97		mg/kg	0.434	0.090	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Barium, Total	56.1		mg/kg	0.434	0.076	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Beryllium, Total	0.130	J	mg/kg	0.217	0.014	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Cadmium, Total	1.04		mg/kg	0.434	0.043	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Chromium, Total	9.32		mg/kg	0.434	0.042	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Copper, Total	18.4		mg/kg	0.434	0.112	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Lead, Total	38.6		mg/kg	2.17	0.116	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Manganese, Total	288		mg/kg	0.434	0.069	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Mercury, Total	0.128		mg/kg	0.070	0.046	1	03/09/21 23:15	03/12/21 18:09	EPA 7471B	1,7471B	EW
Nickel, Total	11.5		mg/kg	1.08	0.105	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.868	0.112	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.434	0.123	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
Zinc, Total	44.5		mg/kg	2.17	0.127	1	03/09/21 22:44	03/12/21 18:21	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	9.3		mg/kg	0.89	0.89	1		03/14/21 23:05	NA	107,-	

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-22
Client ID: DUP030621-2
Sample Location: LIVERPOOL, NY
Date Collected: 03/06/21 00:00
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.94		mg/kg	0.494	0.103	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Barium, Total	54.6		mg/kg	0.494	0.086	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Beryllium, Total	0.163	J	mg/kg	0.247	0.016	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Cadmium, Total	0.543		mg/kg	0.494	0.048	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Chromium, Total	10.2		mg/kg	0.494	0.047	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Copper, Total	21.9		mg/kg	0.494	0.127	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Lead, Total	46.3		mg/kg	2.47	0.132	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Manganese, Total	446		mg/kg	0.494	0.079	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Mercury, Total	0.130		mg/kg	0.090	0.059	1	03/09/21 23:15	03/12/21 18:13	EPA 7471B	1,7471B	EW
Nickel, Total	12.4		mg/kg	1.23	0.119	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	0.987	0.127	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.494	0.140	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
Zinc, Total	52.3		mg/kg	2.47	0.145	1	03/09/21 22:44	03/12/21 18:26	EPA 3050B	1,6010D	SV
General Chemistry - Mansfield Lab											
Chromium, Trivalent	10		mg/kg	1.0	1.0	1		03/14/21 23:06	NA	107,-	

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-21
Client ID: B203 (0.5-4)
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/06/21 16:30
Date Received: 03/08/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	03/09/21 08:21	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	03/16/21 13:35	03/16/21 16:32	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	0.892	0.178	1	03/12/21 22:24	03/14/21 23:05	1,7196A	JW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2111243
Report Date: 03/16/21

SAMPLE RESULTS

Lab ID: L2111243-22
Client ID: DUP030621-2
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/06/21 00:00
Date Received: 03/08/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	03/09/21 08:21	121,2540G	RI
Cyanide, Total	0.57	J	mg/kg	1.2	0.26	1	03/16/21 10:15	03/16/21 13:24	1,9010C/9012B	CR
Chromium, Hexavalent	ND		mg/kg	1.02	0.205	1	03/12/21 22:24	03/14/21 23:06	1,7196A	JW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2114867
Report Date: 03/31/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2114867-01	B208 (7-8)	SOIL	LIVERPOOL, NY	03/06/21 09:35	03/08/21
L2114867-03	B203 (3-4)	SOIL	LIVERPOOL, NY	03/06/21 16:15	03/08/21

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2114867
Report Date: 03/31/21

SAMPLE RESULTS

Lab ID: L2114867-01
Client ID: B208 (7-8)
Sample Location: LIVERPOOL, NY
Date Collected: 03/06/21 09:35
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/30/21 15:47
Analyst: MKS
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	66	9.6	1
Chloroform	ND		ug/kg	99	9.2	1
Carbon tetrachloride	ND		ug/kg	66	15.	1
1,2-Dichloropropane	ND		ug/kg	66	8.2	1
Dibromochloromethane	ND		ug/kg	66	9.2	1
1,1,2-Trichloroethane	ND		ug/kg	66	18.	1
Tetrachloroethene	5400		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.4	1
Trichlorofluoromethane	ND		ug/kg	260	46.	1
1,2-Dichloroethane	ND		ug/kg	66	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	66	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	66	36.	1
Ethylbenzene	ND		ug/kg	66	9.3	1
Chloromethane	ND		ug/kg	260	62.	1
Bromomethane	ND		ug/kg	130	38.	1
Vinyl chloride	ND		ug/kg	66	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	66	16.	1
trans-1,2-Dichloroethene	24	J	ug/kg	99	9.0	1
Trichloroethene	2800		ug/kg	33	9.0	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.5	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2114867

Project Number: 2001642 **Report Date:** 03/31/21

SAMPLE RESULTS

Lab ID: L2114867-01 Date Collected: 03/06/21 09:35

Client ID: B208 (7-8) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.8	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	37.	1
o-Xylene	ND		ug/kg	66	19.	1
cis-1,2-Dichloroethene	6900		ug/kg	66	12.	1
Styrene	ND		ug/kg	66	13.	1
Dichlorodifluoromethane	ND		ug/kg	660	60.	1
Acetone	540	J	ug/kg	660	320	1
Carbon disulfide	ND		ug/kg	660	300	1
2-Butanone	ND		ug/kg	660	150	1
4-Methyl-2-pentanone	ND		ug/kg	660	84.	1
2-Hexanone	ND		ug/kg	660	78.	1
Bromochloromethane	ND		ug/kg	130	14.	1
1,2-Dibromoethane	ND		ug/kg	66	18.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Isopropylbenzene	ND		ug/kg	66	7.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
Methyl Acetate	ND		ug/kg	260	63.	1
Cyclohexane	ND		ug/kg	660	36.	1
1,4-Dioxane	ND		ug/kg	5300	2300	1
Freon-113	ND		ug/kg	260	46.	1
Methyl cyclohexane	ND		ug/kg	260	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2114867
Report Date: 03/31/21

SAMPLE RESULTS

Lab ID: L2114867-03
Client ID: B203 (3-4)
Sample Location: LIVERPOOL, NY
Date Collected: 03/06/21 16:15
Date Received: 03/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 03/30/21 14:03
Analyst: MKS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	0.67		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2114867

Project Number: 2001642 **Report Date:** 03/31/21

SAMPLE RESULTS

Lab ID: L2114867-03 Date Collected: 03/06/21 16:15

Client ID: B203 (3-4) Date Received: 03/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	34		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	3.2	J	ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.87	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.7	0.63	1
Methyl cyclohexane	ND		ug/kg	3.7	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	107		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2161381
Report Date: 11/24/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2161381-01	2001642-B213 (0-5')	SOIL	LIVERPOOL, NY	11/06/21 11:35	11/08/21

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161381
Report Date: 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01
Client ID: 2001642-B213 (0-5')
Sample Location: LIVERPOOL, NY
Date Collected: 11/06/21 11:35
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/18/21 18:11
Analyst: NLK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	2.4	1.1	1
1,1-Dichloroethane	ND		ug/kg	0.49	0.07	1
Chloroform	ND		ug/kg	0.74	0.07	1
Carbon tetrachloride	ND		ug/kg	0.49	0.11	1
1,2-Dichloropropane	ND		ug/kg	0.49	0.06	1
Dibromochloromethane	ND		ug/kg	0.49	0.07	1
1,1,2-Trichloroethane	ND		ug/kg	0.49	0.13	1
Tetrachloroethene	0.13	J	ug/kg	0.24	0.10	1
Chlorobenzene	ND		ug/kg	0.24	0.06	1
Trichlorofluoromethane	ND		ug/kg	2.0	0.34	1
1,2-Dichloroethane	ND		ug/kg	0.49	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	0.24	0.08	1
Bromodichloromethane	ND		ug/kg	0.24	0.05	1
trans-1,3-Dichloropropene	ND		ug/kg	0.49	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	0.24	0.08	1
Bromoform	ND		ug/kg	2.0	0.12	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.24	0.08	1
Benzene	0.17	J	ug/kg	0.24	0.08	1
Toluene	0.27	J	ug/kg	0.49	0.27	1
Ethylbenzene	0.08	J	ug/kg	0.49	0.07	1
Chloromethane	ND		ug/kg	2.0	0.46	1
Bromomethane	ND		ug/kg	0.98	0.28	1
Vinyl chloride	ND		ug/kg	0.49	0.16	1
Chloroethane	ND		ug/kg	0.98	0.22	1
1,1-Dichloroethene	ND		ug/kg	0.49	0.12	1
trans-1,2-Dichloroethene	ND		ug/kg	0.74	0.07	1
Trichloroethene	ND		ug/kg	0.24	0.07	1
1,2-Dichlorobenzene	ND		ug/kg	0.98	0.07	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161381

Project Number: 2001642 **Report Date:** 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01 Date Collected: 11/06/21 11:35

Client ID: 2001642-B213 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	0.98	0.07	1
1,4-Dichlorobenzene	ND		ug/kg	0.98	0.08	1
Methyl tert butyl ether	ND		ug/kg	0.98	0.10	1
p/m-Xylene	0.30	J	ug/kg	0.98	0.27	1
o-Xylene	ND		ug/kg	0.49	0.14	1
cis-1,2-Dichloroethene	ND		ug/kg	0.49	0.09	1
Styrene	ND		ug/kg	0.49	0.10	1
Dichlorodifluoromethane	ND		ug/kg	4.9	0.45	1
Acetone	9.8		ug/kg	4.9	2.4	1
Carbon disulfide	ND		ug/kg	4.9	2.2	1
2-Butanone	1.4	J	ug/kg	4.9	1.1	1
4-Methyl-2-pentanone	ND		ug/kg	4.9	0.63	1
2-Hexanone	ND		ug/kg	4.9	0.58	1
Bromochloromethane	ND		ug/kg	0.98	0.10	1
1,2-Dibromoethane	ND		ug/kg	0.49	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.5	0.49	1
Isopropylbenzene	ND		ug/kg	0.49	0.05	1
1,2,3-Trichlorobenzene	ND		ug/kg	0.98	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	0.98	0.13	1
Methyl Acetate	ND		ug/kg	2.0	0.47	1
Cyclohexane	ND		ug/kg	4.9	0.27	1
1,4-Dioxane	ND		ug/kg	39	17.	1
Freon-113	ND		ug/kg	2.0	0.34	1
Methyl cyclohexane	ND		ug/kg	2.0	0.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161381
Report Date: 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01
Client ID: 2001642-B213 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/06/21 11:35
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/20/21 13:43
Analyst: CMM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/19/21 02:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2100		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	55	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1000		ug/kg	110	21.	1
Benzo(a)pyrene	1000		ug/kg	150	46.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161381

Project Number: 2001642 **Report Date:** 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01 Date Collected: 11/06/21 11:35

Client ID: 2001642-B213 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1200		ug/kg	110	32.	1
Benzo(k)fluoranthene	440		ug/kg	110	30.	1
Chrysene	880		ug/kg	110	20.	1
Acenaphthylene	100	J	ug/kg	150	29.	1
Anthracene	520		ug/kg	110	37.	1
Benzo(ghi)perylene	680		ug/kg	150	22.	1
Fluorene	230		ug/kg	190	18.	1
Phenanthrene	1400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	180		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	730		ug/kg	150	26.	1
Pyrene	1600		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	110	J	ug/kg	190	18.	1
2-Methylnaphthalene	38	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	150	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161381

Project Number: 2001642 **Report Date:** 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01 Date Collected: 11/06/21 11:35

Client ID: 2001642-B213 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	67		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161381
Report Date: 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01
Client ID: 2001642-B213 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/06/21 11:35
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/22/21 10:22
Analyst: AD
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/21/21 11:52
Cleanup Method: EPA 3665A
Cleanup Date: 11/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	3.35	1	A
Aroclor 1221	ND		ug/kg	37.7	3.78	1	A
Aroclor 1232	ND		ug/kg	37.7	7.99	1	A
Aroclor 1242	ND		ug/kg	37.7	5.08	1	A
Aroclor 1248	ND		ug/kg	37.7	5.65	1	A
Aroclor 1254	ND		ug/kg	37.7	4.12	1	A
Aroclor 1260	ND		ug/kg	37.7	6.97	1	A
Aroclor 1262	ND		ug/kg	37.7	4.79	1	A
Aroclor 1268	ND		ug/kg	37.7	3.90	1	A
PCBs, Total	ND		ug/kg	37.7	3.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161381
Report Date: 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01
Client ID: 2001642-B213 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/06/21 11:35
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/21/21 11:44
Analyst: EJL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/19/21 09:55
Cleanup Method: EPA 3620B
Cleanup Date: 11/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.354	1	A
Lindane	ND		ug/kg	0.753	0.336	1	A
Alpha-BHC	ND		ug/kg	0.753	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.685	1	A
Heptachlor	ND		ug/kg	0.904	0.405	1	A
Aldrin	ND		ug/kg	1.81	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.39	1.02	1	A
Endrin	ND		ug/kg	0.753	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.791	1	A
Endrin ketone	ND		ug/kg	1.81	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.565	1	A
4,4'-DDE	0.813	J	ug/kg	1.81	0.418	1	B
4,4'-DDD	ND		ug/kg	1.81	0.644	1	A
4,4'-DDT	ND		ug/kg	3.39	1.45	1	A
Endosulfan I	ND		ug/kg	1.81	0.427	1	A
Endosulfan II	ND		ug/kg	1.81	0.604	1	A
Endosulfan sulfate	ND		ug/kg	0.753	0.358	1	A
Methoxychlor	ND		ug/kg	3.39	1.05	1	A
Toxaphene	ND		ug/kg	33.9	9.49	1	A
cis-Chlordane	ND		ug/kg	2.26	0.630	1	A
trans-Chlordane	ND		ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	15.1	5.99	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161381

Project Number: 2001642 **Report Date:** 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01 Date Collected: 11/06/21 11:35

Client ID: 2001642-B213 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161381
Report Date: 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01
Client ID: 2001642-B213 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/06/21 11:35
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 11/21/21 17:39
Analyst: AR
Percent Solids: 86%
Methylation Date: 11/21/21 10:34

Extraction Method: EPA 8151A
Extraction Date: 11/20/21 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.97	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	75		30-150	B

METALS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2161381
Report Date: 11/24/21

SAMPLE RESULTS

Lab ID: L2161381-01
Client ID: 2001642-B213 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/06/21 11:35
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	11/10/21 07:02	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	11/17/21 17:10	11/18/21 12:27	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2161384
Report Date: 12/07/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2161384-01	2001642-B217 (0-5')	SOIL	LIVERPOOL, NY	11/07/21 09:00	11/08/21
L2161384-08	2001642-B214 (0-5')	SOIL	LIVERPOOL, NY	11/07/21 13:25	11/08/21

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161384
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-01
Client ID: 2001642-B217 (0-5')
Sample Location: LIVERPOOL, NY
Date Collected: 11/07/21 09:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/19/21 03:48
Analyst: MKS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.39	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.8	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.24	1
Bromodichloromethane	ND		ug/kg	0.72	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.23	1
Bromoform	ND		ug/kg	5.8	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.3	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.9	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161384

Project Number: 2001642 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-01 Date Collected: 11/07/21 09:00

Client ID: 2001642-B217 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.81	1
o-Xylene	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	0.56	J	ug/kg	1.4	0.25	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	20		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	4.9	J	ug/kg	14	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Isopropylbenzene	7.2		ug/kg	1.4	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.39	1
Methyl Acetate	ND		ug/kg	5.8	1.4	1
Cyclohexane	ND		ug/kg	14	0.79	1
1,4-Dioxane	ND		ug/kg	120	51.	1
Freon-113	ND		ug/kg	5.8	1.0	1
Methyl cyclohexane	0.87	J	ug/kg	5.8	0.87	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	**140**	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161384

Project Number: 2001642 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-08 Date Collected: 11/07/21 13:25

Client ID: 2001642-B214 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 11/19/21 02:57

Analyst: MKS

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	410	190	1
1,1-Dichloroethane	ND		ug/kg	82	12.	1
Chloroform	ND		ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	82	19.	1
1,2-Dichloropropane	ND		ug/kg	82	10.	1
Dibromochloromethane	ND		ug/kg	82	11.	1
1,1,2-Trichloroethane	ND		ug/kg	82	22.	1
Tetrachloroethene	6600		ug/kg	41	16.	1
Chlorobenzene	ND		ug/kg	41	10.	1
Trichlorofluoromethane	ND		ug/kg	330	57.	1
1,2-Dichloroethane	ND		ug/kg	82	21.	1
1,1,1-Trichloroethane	ND		ug/kg	41	14.	1
Bromodichloromethane	ND		ug/kg	41	8.9	1
trans-1,3-Dichloropropene	ND		ug/kg	82	22.	1
cis-1,3-Dichloropropene	ND		ug/kg	41	13.	1
Bromoform	ND		ug/kg	330	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	41	14.	1
Benzene	ND		ug/kg	41	14.	1
Toluene	74	J	ug/kg	82	44.	1
Ethylbenzene	ND		ug/kg	82	11.	1
Chloromethane	ND		ug/kg	330	76.	1
Bromomethane	ND		ug/kg	160	47.	1
Vinyl chloride	ND		ug/kg	82	27.	1
Chloroethane	ND		ug/kg	160	37.	1
1,1-Dichloroethene	ND		ug/kg	82	19.	1
trans-1,2-Dichloroethene	16	J	ug/kg	120	11.	1
Trichloroethene	460		ug/kg	41	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	12.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161384

Project Number: 2001642 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-08 Date Collected: 11/07/21 13:25

Client ID: 2001642-B214 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	14.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	ND		ug/kg	160	46.	1
o-Xylene	ND		ug/kg	82	24.	1
cis-1,2-Dichloroethene	600		ug/kg	82	14.	1
Styrene	ND		ug/kg	82	16.	1
Dichlorodifluoromethane	ND		ug/kg	820	75.	1
Acetone	570	J	ug/kg	820	390	1
Carbon disulfide	ND		ug/kg	820	370	1
2-Butanone	200	J	ug/kg	820	180	1
4-Methyl-2-pentanone	ND		ug/kg	820	100	1
2-Hexanone	ND		ug/kg	820	96.	1
Bromochloromethane	ND		ug/kg	160	17.	1
1,2-Dibromoethane	ND		ug/kg	82	23.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	240	81.	1
Isopropylbenzene	ND		ug/kg	82	8.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	160	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	22.	1
Methyl Acetate	790		ug/kg	330	77.	1
Cyclohexane	ND		ug/kg	820	44.	1
1,4-Dioxane	ND		ug/kg	6500	2900	1
Freon-113	ND		ug/kg	330	56.	1
Methyl cyclohexane	ND		ug/kg	330	49.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161384
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-01
Client ID: 2001642-B217 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/07/21 09:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/21/21 12:49
Analyst: EJL
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/19/21 09:55
Cleanup Method: EPA 3620B
Cleanup Date: 11/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.323	1	A
Alpha-BHC	ND		ug/kg	0.724	0.205	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.977	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.447	1	A
Dieldrin	0.787	J	ug/kg	1.08	0.543	1	B
4,4'-DDE	1.91	P	ug/kg	1.74	0.402	1	B
4,4'-DDD	1.59	J	ug/kg	1.74	0.619	1	B
4,4'-DDT	ND	IP	ug/kg	3.26	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.344	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	ND		ug/kg	2.17	0.605	1	A
trans-Chlordane	ND		ug/kg	2.17	0.573	1	A
Chlordane	ND		ug/kg	14.5	5.75	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161384

Project Number: 2001642 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-01 Date Collected: 11/07/21 09:00

Client ID: 2001642-B217 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2161384
Project Number: 2001642
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-01
Client ID: 2001642-B217 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/07/21 09:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 11/21/21 17:57
Analyst: AR
Percent Solids: 87%
Methylation Date: 11/21/21 10:34

Extraction Method: EPA 8151A
Extraction Date: 11/20/21 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.95	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	69		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161384
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-08
Client ID: 2001642-B214 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/07/21 13:25
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/21/21 12:17
Analyst: EJL
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 11/19/21 09:55
Cleanup Method: EPA 3620B
Cleanup Date: 11/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.14	0.420	1	A
Lindane	ND		ug/kg	0.893	0.399	1	A
Alpha-BHC	ND		ug/kg	0.893	0.254	1	A
Beta-BHC	ND		ug/kg	2.14	0.812	1	A
Heptachlor	ND		ug/kg	1.07	0.480	1	A
Aldrin	ND		ug/kg	2.14	0.754	1	A
Heptachlor epoxide	ND		ug/kg	4.02	1.20	1	A
Endrin	ND		ug/kg	0.893	0.366	1	A
Endrin aldehyde	ND		ug/kg	2.68	0.937	1	A
Endrin ketone	ND		ug/kg	2.14	0.552	1	A
Dieldrin	1.52		ug/kg	1.34	0.669	1	B
4,4'-DDE	ND		ug/kg	2.14	0.495	1	A
4,4'-DDD	ND		ug/kg	2.14	0.764	1	A
4,4'-DDT	ND		ug/kg	4.02	1.72	1	A
Endosulfan I	ND		ug/kg	2.14	0.506	1	A
Endosulfan II	ND		ug/kg	2.14	0.716	1	A
Endosulfan sulfate	ND		ug/kg	0.893	0.425	1	A
Methoxychlor	ND		ug/kg	4.02	1.25	1	A
Toxaphene	ND		ug/kg	40.2	11.2	1	A
cis-Chlordane	ND		ug/kg	2.68	0.746	1	A
trans-Chlordane	ND		ug/kg	2.68	0.707	1	A
Chlordane	ND		ug/kg	17.8	7.10	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161384

Project Number: 2001642 **Report Date:** 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-08 Date Collected: 11/07/21 13:25

Client ID: 2001642-B214 (0-5') Date Received: 11/08/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2161384
Project Number: 2001642
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-08
Client ID: 2001642-B214 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/07/21 13:25
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 11/21/21 17:20
Analyst: AR
Percent Solids: 74%
Methylation Date: 11/21/21 10:34

Extraction Method: EPA 8151A
Extraction Date: 11/20/21 02:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	224	14.1	1	A
2,4,5-T	ND		ug/kg	224	6.94	1	A
2,4,5-TP (Silvex)	ND		ug/kg	224	5.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	86		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161384
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-01
Client ID: 2001642-B217 (0-5')
Sample Location: LIVERPOOL, NY
Date Collected: 11/07/21 09:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6320		mg/kg	9.08	2.45	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.54	0.345	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Arsenic, Total	6.50		mg/kg	0.908	0.189	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Barium, Total	38.5		mg/kg	0.908	0.158	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Beryllium, Total	0.263	J	mg/kg	0.454	0.030	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Cadmium, Total	0.245	J	mg/kg	0.908	0.089	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Calcium, Total	58000		mg/kg	9.08	3.18	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Chromium, Total	10.9		mg/kg	0.908	0.087	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Cobalt, Total	4.88		mg/kg	1.82	0.151	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Copper, Total	15.7		mg/kg	0.908	0.234	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Iron, Total	11400		mg/kg	4.54	0.820	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Lead, Total	56.5		mg/kg	4.54	0.243	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Magnesium, Total	35700		mg/kg	9.08	1.40	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Manganese, Total	245		mg/kg	0.908	0.144	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Mercury, Total	0.182		mg/kg	0.080	0.052	1	11/18/21 23:50	11/22/21 08:13	EPA 7471B	1,7471B	AC
Nickel, Total	11.9		mg/kg	2.27	0.220	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Potassium, Total	720		mg/kg	227	13.1	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Selenium, Total	0.590	J	mg/kg	1.82	0.234	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.908	0.257	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Sodium, Total	251		mg/kg	182	2.86	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Thallium, Total	0.436	J	mg/kg	1.82	0.286	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Vanadium, Total	11.9		mg/kg	0.908	0.184	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC
Zinc, Total	46.8		mg/kg	4.54	0.266	2	11/18/21 22:57	11/23/21 17:54	EPA 3050B	1,6010D	MC

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2161384
Project Number: 2001642
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-08
Client ID: 2001642-B214 (0-5')
Sample Location: LIVERPOOL, NY
Date Collected: 11/07/21 13:25
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10600		mg/kg	10.3	2.79	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	5.17	0.393	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Arsenic, Total	3.34		mg/kg	1.03	0.215	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Barium, Total	88.3		mg/kg	1.03	0.180	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Beryllium, Total	0.455	J	mg/kg	0.517	0.034	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Cadmium, Total	0.289	J	mg/kg	1.03	0.101	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Calcium, Total	27100		mg/kg	10.3	3.62	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Chromium, Total	15.8		mg/kg	1.03	0.099	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Cobalt, Total	8.72		mg/kg	2.07	0.172	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Copper, Total	16.1		mg/kg	1.03	0.267	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Iron, Total	17100		mg/kg	5.17	0.933	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Lead, Total	15.2		mg/kg	5.17	0.277	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Magnesium, Total	8570		mg/kg	10.3	1.59	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Manganese, Total	364		mg/kg	1.03	0.164	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.095	0.062	1	11/18/21 23:50	11/22/21 08:16	EPA 7471B	1,7471B	AC
Nickel, Total	20.0		mg/kg	2.58	0.250	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Potassium, Total	1100		mg/kg	258	14.9	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Selenium, Total	0.579	J	mg/kg	2.07	0.267	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	1.03	0.292	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Sodium, Total	289		mg/kg	207	3.26	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Thallium, Total	0.434	J	mg/kg	2.07	0.326	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Vanadium, Total	21.3		mg/kg	1.03	0.210	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC
Zinc, Total	40.1		mg/kg	5.17	0.303	2	11/18/21 22:57	11/23/21 17:59	EPA 3050B	1,6010D	MC

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2161384

Project Number: 2001642 **Report Date:** 12/07/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,08 Batch: WG1573120-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Calcium, Total	2.41	J	mg/kg	4.00	1.40	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Iron, Total	0.732	J	mg/kg	2.00	0.361	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Magnesium, Total	0.904	J	mg/kg	4.00	0.616	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Sodium, Total	ND		mg/kg	80.0	1.26	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/18/21 22:57	11/23/21 15:17	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,08 Batch: WG1573123-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/18/21 23:50	11/22/21 06:47	1,7471B	AC

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2161384
Report Date: 12/07/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2161384
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-01
Client ID: 2001642-B217 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/07/21 09:00
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	11/09/21 21:43	121,2540G	TR
Cyanide, Total	ND		mg/kg	1.0	0.22	1	11/18/21 03:30	11/18/21 11:05	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2161384
Report Date: 12/07/21

SAMPLE RESULTS

Lab ID: L2161384-08
Client ID: 2001642-B214 (0-5')
Sample Location: LIVERPOOL, NY

Date Collected: 11/07/21 13:25
Date Received: 11/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.8		%	0.100	NA	1	-	11/09/21 21:43	121,2540G	TR
Cyanide, Total	0.34	J	mg/kg	1.3	0.28	1	11/18/21 03:30	11/18/21 11:06	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2162707
Report Date: 12/02/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2162707-03	2001642-B215 (0-5)	SOIL	LIVERPOOL, NY	11/13/21 10:55	11/15/21
L2162707-09	2001642-B216 (0-5)	SOIL	LIVERPOOL, NY	11/13/21 13:30	11/15/21

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-03
Client ID: 2001642-B215 (0-5)
Sample Location: LIVERPOOL, NY
Date Collected: 11/13/21 10:55
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/24/21 22:06
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.39	J	ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	3.3		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	0.27	J	ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	0.29	J	ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-09
Client ID: 2001642-B216 (0-5)
Sample Location: LIVERPOOL, NY
Date Collected: 11/13/21 13:30
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/24/21 22:31
Analyst: NLK
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	22		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	0.32	J	ug/kg	0.49	0.16	1
Toluene	0.57	J	ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	0.64		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2162707

Project Number: 2001642 **Report Date:** 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-09 Date Collected: 11/13/21 13:30

Client ID: 2001642-B216 (0-5) Date Received: 11/15/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	0.38	J	ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	3.2		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	109		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-03
Client ID: 2001642-B215 (0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 11/13/21 10:55
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/30/21 05:02
Analyst: AWS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 11/29/21 04:14
Cleanup Method: EPA 3665A
Cleanup Date: 11/29/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	3.14	1	A
Aroclor 1221	ND		ug/kg	35.3	3.54	1	A
Aroclor 1232	ND		ug/kg	35.3	7.49	1	A
Aroclor 1242	ND		ug/kg	35.3	4.76	1	A
Aroclor 1248	ND		ug/kg	35.3	5.30	1	A
Aroclor 1254	ND		ug/kg	35.3	3.86	1	A
Aroclor 1260	ND		ug/kg	35.3	6.53	1	A
Aroclor 1262	ND		ug/kg	35.3	4.49	1	A
Aroclor 1268	ND		ug/kg	35.3	3.66	1	A
PCBs, Total	ND		ug/kg	35.3	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-09
Client ID: 2001642-B216 (0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 11/13/21 13:30
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/30/21 05:15
Analyst: AWS
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 11/29/21 04:14
Cleanup Method: EPA 3665A
Cleanup Date: 11/29/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.7	2.99	1	A
Aroclor 1221	ND		ug/kg	33.7	3.38	1	A
Aroclor 1232	ND		ug/kg	33.7	7.14	1	A
Aroclor 1242	ND		ug/kg	33.7	4.54	1	A
Aroclor 1248	ND		ug/kg	33.7	5.05	1	A
Aroclor 1254	ND		ug/kg	33.7	3.68	1	A
Aroclor 1260	ND		ug/kg	33.7	6.22	1	A
Aroclor 1262	ND		ug/kg	33.7	4.28	1	A
Aroclor 1268	ND		ug/kg	33.7	3.49	1	A
PCBs, Total	ND		ug/kg	33.7	2.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-03
Client ID: 2001642-B215 (0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 11/13/21 10:55
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/26/21 21:26
Analyst: JAW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 11/25/21 06:08
Cleanup Method: EPA 3620B
Cleanup Date: 11/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.699	0.313	1	A
Alpha-BHC	ND		ug/kg	0.699	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2162707

Project Number: 2001642 **Report Date:** 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-03 Date Collected: 11/13/21 10:55

Client ID: 2001642-B215 (0-5) Date Received: 11/15/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-03
Client ID: 2001642-B215 (0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 11/13/21 10:55
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 11/28/21 18:11
Analyst: EJL
Percent Solids: 92%
Methylation Date: 11/26/21 10:36

Extraction Method: EPA 8151A
Extraction Date: 11/25/21 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	180	11.3	1	A
2,4,5-T	ND		ug/kg	180	5.57	1	A
2,4,5-TP (Silvex)	ND		ug/kg	180	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	72		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-09
Client ID: 2001642-B216 (0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 11/13/21 13:30
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/26/21 21:37
Analyst: JAW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 11/25/21 06:08
Cleanup Method: EPA 3620B
Cleanup Date: 11/26/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.59	0.311	1	A
Lindane	ND		ug/kg	0.661	0.296	1	A
Alpha-BHC	ND		ug/kg	0.661	0.188	1	A
Beta-BHC	ND		ug/kg	1.59	0.602	1	A
Heptachlor	ND		ug/kg	0.794	0.356	1	A
Aldrin	ND		ug/kg	1.59	0.559	1	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	1	A
Endrin	ND		ug/kg	0.661	0.271	1	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	1	A
Endrin ketone	ND		ug/kg	1.59	0.409	1	A
Dieldrin	ND		ug/kg	0.992	0.496	1	A
4,4'-DDE	ND		ug/kg	1.59	0.367	1	A
4,4'-DDD	ND		ug/kg	1.59	0.566	1	A
4,4'-DDT	ND		ug/kg	2.98	1.28	1	A
Endosulfan I	ND		ug/kg	1.59	0.375	1	A
Endosulfan II	ND		ug/kg	1.59	0.530	1	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	1	A
Methoxychlor	ND		ug/kg	2.98	0.926	1	A
Toxaphene	ND		ug/kg	29.8	8.33	1	A
cis-Chlordane	ND		ug/kg	1.98	0.553	1	A
trans-Chlordane	ND		ug/kg	1.98	0.524	1	A
Chlordane	ND		ug/kg	13.2	5.26	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2162707

Project Number: 2001642 **Report Date:** 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-09 Date Collected: 11/13/21 13:30

Client ID: 2001642-B216 (0-5) Date Received: 11/15/21

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-09
Client ID: 2001642-B216 (0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 11/13/21 13:30
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 11/28/21 18:30
Analyst: EJL
Percent Solids: 96%
Methylation Date: 11/26/21 10:36

Extraction Method: EPA 8151A
Extraction Date: 11/25/21 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	171	10.8	1	A
2,4,5-T	ND		ug/kg	171	5.30	1	A
2,4,5-TP (Silvex)	ND		ug/kg	171	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	73		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2162707
Project Number: 2001642
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-03
Client ID: 2001642-B215 (0-5)
Sample Location: LIVERPOOL, NY
Date Collected: 11/13/21 10:55
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3300		mg/kg	8.39	2.26	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Antimony, Total	0.629	J	mg/kg	4.20	0.319	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Arsenic, Total	3.68		mg/kg	0.839	0.174	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Barium, Total	72.3		mg/kg	0.839	0.146	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Beryllium, Total	0.193	J	mg/kg	0.420	0.028	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Cadmium, Total	0.176	J	mg/kg	0.839	0.082	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Calcium, Total	165000		mg/kg	83.9	29.4	20	11/27/21 07:30	11/29/21 18:02	EPA 3050B	1,6010D	DL
Chromium, Total	7.12		mg/kg	0.839	0.081	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Cobalt, Total	6.05		mg/kg	1.68	0.139	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Copper, Total	13.0		mg/kg	0.839	0.216	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Iron, Total	7240		mg/kg	4.20	0.758	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Lead, Total	70.6		mg/kg	4.20	0.225	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Magnesium, Total	32200		mg/kg	8.39	1.29	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Manganese, Total	177		mg/kg	0.839	0.133	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.068	0.044	1	11/27/21 09:00	11/27/21 16:59	EPA 7471B	1,7471B	NB
Nickel, Total	10.9		mg/kg	2.10	0.203	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Potassium, Total	957		mg/kg	210	12.1	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Selenium, Total	0.638	J	mg/kg	1.68	0.216	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.839	0.237	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Sodium, Total	296		mg/kg	168	2.64	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Thallium, Total	0.352	J	mg/kg	1.68	0.264	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Vanadium, Total	8.10		mg/kg	0.839	0.170	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL
Zinc, Total	34.0		mg/kg	4.20	0.246	2	11/27/21 07:30	11/29/21 17:06	EPA 3050B	1,6010D	DL

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2162707
Project Number: 2001642
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-09
Client ID: 2001642-B216 (0-5)
Sample Location: LIVERPOOL, NY
Date Collected: 11/13/21 13:30
Date Received: 11/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3560		mg/kg	8.06	2.18	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Antimony, Total	0.588	J	mg/kg	4.03	0.306	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Arsenic, Total	4.24		mg/kg	0.806	0.168	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Barium, Total	91.8		mg/kg	0.806	0.140	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Beryllium, Total	0.185	J	mg/kg	0.403	0.027	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Cadmium, Total	0.242	J	mg/kg	0.806	0.079	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Calcium, Total	169000		mg/kg	80.6	28.2	20	11/27/21 07:30	11/29/21 18:06	EPA 3050B	1,6010D	DL
Chromium, Total	6.51		mg/kg	0.806	0.077	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Cobalt, Total	5.27		mg/kg	1.61	0.134	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Copper, Total	13.9		mg/kg	0.806	0.208	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Iron, Total	8760		mg/kg	4.03	0.728	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Lead, Total	38.5		mg/kg	4.03	0.216	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Magnesium, Total	22100		mg/kg	8.06	1.24	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Manganese, Total	294		mg/kg	0.806	0.128	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.065	0.043	1	11/27/21 09:00	11/27/21 17:02	EPA 7471B	1,7471B	NB
Nickel, Total	12.1		mg/kg	2.01	0.195	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Potassium, Total	519		mg/kg	201	11.6	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Selenium, Total	0.653	J	mg/kg	1.61	0.208	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.806	0.228	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Sodium, Total	187		mg/kg	161	2.54	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Thallium, Total	0.532	J	mg/kg	1.61	0.254	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Vanadium, Total	8.52		mg/kg	0.806	0.164	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL
Zinc, Total	33.5		mg/kg	4.03	0.236	2	11/27/21 07:30	11/29/21 17:11	EPA 3050B	1,6010D	DL

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-03
Client ID: 2001642-B215 (0-5)
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Soil

Date Collected: 11/13/21 10:55
Date Received: 11/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	11/17/21 11:00	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	11/23/21 05:30	11/23/21 14:53	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2162707
Report Date: 12/02/21

SAMPLE RESULTS

Lab ID: L2162707-09
Client ID: 2001642-B216 (0-5)
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Soil

Date Collected: 11/13/21 13:30
Date Received: 11/15/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.2		%	0.100	NA	1	-	11/17/21 11:00	121,2540G	RI
Cyanide, Total	ND		mg/kg	0.96	0.20	1	11/23/21 05:30	11/23/21 14:54	1,9010C/9012B	CS

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642

Lab Number: L2227583
Report Date: 05/27/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2227583-05	5N	SOIL	LIVERPOOL, NY	05/24/22 14:40	05/24/22
L2227583-06	5S	SOIL	LIVERPOOL, NY	05/24/22 16:10	05/24/22
L2227583-07	5E	SOIL	LIVERPOOL, NY	05/24/22 15:00	05/24/22
L2227583-08	5W	SOIL	LIVERPOOL, NY	05/24/22 15:45	05/24/22

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2227583

Project Number: 2001642 **Report Date:** 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-05 Date Collected: 05/24/22 14:40
Client ID: 5N Date Received: 05/24/22
Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/25/22 16:50
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	400	180	1
1,1-Dichloroethane	ND		ug/kg	79	11.	1
Chloroform	18	J	ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	79	18.	1
1,2-Dichloropropane	ND		ug/kg	79	9.9	1
Dibromochloromethane	ND		ug/kg	79	11.	1
1,1,2-Trichloroethane	ND		ug/kg	79	21.	1
Tetrachloroethene	4100		ug/kg	40	16.	1
Chlorobenzene	ND		ug/kg	40	10.	1
Trichlorofluoromethane	ND		ug/kg	320	55.	1
1,2-Dichloroethane	ND		ug/kg	79	20.	1
1,1,1-Trichloroethane	ND		ug/kg	40	13.	1
Bromodichloromethane	ND		ug/kg	40	8.6	1
trans-1,3-Dichloropropene	ND		ug/kg	79	22.	1
cis-1,3-Dichloropropene	ND		ug/kg	40	12.	1
Bromoform	ND		ug/kg	320	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	40	13.	1
Benzene	ND		ug/kg	40	13.	1
Toluene	68	J	ug/kg	79	43.	1
Ethylbenzene	33	J	ug/kg	79	11.	1
Chloromethane	ND		ug/kg	320	74.	1
Bromomethane	47	J	ug/kg	160	46.	1
Vinyl chloride	ND		ug/kg	79	26.	1
Chloroethane	ND		ug/kg	160	36.	1
1,1-Dichloroethene	ND		ug/kg	79	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1
Trichloroethene	390		ug/kg	40	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	11.	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2227583

Project Number: 2001642 **Report Date:** 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-05 Date Collected: 05/24/22 14:40

Client ID: 5N Date Received: 05/24/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	14.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	150	J	ug/kg	160	44.	1
o-Xylene	100		ug/kg	79	23.	1
cis-1,2-Dichloroethene	1300		ug/kg	79	14.	1
Styrene	ND		ug/kg	79	16.	1
Dichlorodifluoromethane	ND		ug/kg	790	72.	1
Acetone	ND		ug/kg	790	380	1
Carbon disulfide	ND		ug/kg	790	360	1
2-Butanone	ND		ug/kg	790	180	1
4-Methyl-2-pentanone	ND		ug/kg	790	100	1
2-Hexanone	ND		ug/kg	790	94.	1
Bromochloromethane	ND		ug/kg	160	16.	1
1,2-Dibromoethane	ND		ug/kg	79	22.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	240	79.	1
Isopropylbenzene	ND		ug/kg	79	8.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	160	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	22.	1
Methyl Acetate	520		ug/kg	320	75.	1
Cyclohexane	ND		ug/kg	790	43.	1
1,4-Dioxane	ND		ug/kg	6300	2800	1
Freon-113	ND		ug/kg	320	55.	1
Methyl cyclohexane	ND		ug/kg	320	48.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2227583

Project Number: 2001642 **Report Date:** 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-06 Date Collected: 05/24/22 16:10
Client ID: 5S Date Received: 05/24/22
Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/25/22 17:17
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	390	180	1
1,1-Dichloroethane	ND		ug/kg	78	11.	1
Chloroform	29	J	ug/kg	120	11.	1
Carbon tetrachloride	ND		ug/kg	78	18.	1
1,2-Dichloropropane	ND		ug/kg	78	9.8	1
Dibromochloromethane	ND		ug/kg	78	11.	1
1,1,2-Trichloroethane	ND		ug/kg	78	21.	1
Tetrachloroethene	4500		ug/kg	39	15.	1
Chlorobenzene	ND		ug/kg	39	9.9	1
Trichlorofluoromethane	ND		ug/kg	310	54.	1
1,2-Dichloroethane	ND		ug/kg	78	20.	1
1,1,1-Trichloroethane	ND		ug/kg	39	13.	1
Bromodichloromethane	ND		ug/kg	39	8.5	1
trans-1,3-Dichloropropene	ND		ug/kg	78	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	39	12.	1
Bromoform	ND		ug/kg	310	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	39	13.	1
Benzene	ND		ug/kg	39	13.	1
Toluene	ND		ug/kg	78	42.	1
Ethylbenzene	ND		ug/kg	78	11.	1
Chloromethane	ND		ug/kg	310	73.	1
Bromomethane	ND		ug/kg	160	45.	1
Vinyl chloride	ND		ug/kg	78	26.	1
Chloroethane	ND		ug/kg	160	35.	1
1,1-Dichloroethene	ND		ug/kg	78	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1
Trichloroethene	270		ug/kg	39	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	11.	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2227583

Project Number: 2001642 **Report Date:** 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-06 Date Collected: 05/24/22 16:10

Client ID: 5S Date Received: 05/24/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	13.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	ND		ug/kg	160	44.	1
o-Xylene	ND		ug/kg	78	23.	1
cis-1,2-Dichloroethene	450		ug/kg	78	14.	1
Styrene	ND		ug/kg	78	15.	1
Dichlorodifluoromethane	ND		ug/kg	780	72.	1
Acetone	ND		ug/kg	780	380	1
Carbon disulfide	ND		ug/kg	780	360	1
2-Butanone	ND		ug/kg	780	170	1
4-Methyl-2-pentanone	ND		ug/kg	780	100	1
2-Hexanone	ND		ug/kg	780	92.	1
Bromochloromethane	ND		ug/kg	160	16.	1
1,2-Dibromoethane	ND		ug/kg	78	22.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	78.	1
Isopropylbenzene	ND		ug/kg	78	8.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	160	25.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	21.	1
Methyl Acetate	ND		ug/kg	310	74.	1
Cyclohexane	ND		ug/kg	780	42.	1
1,4-Dioxane	ND		ug/kg	6200	2700	1
Freon-113	ND		ug/kg	310	54.	1
Methyl cyclohexane	ND		ug/kg	310	47.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2227583

Project Number: 2001642 **Report Date:** 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-07 Date Collected: 05/24/22 15:00
Client ID: 5E Date Received: 05/24/22
Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/27/22 09:07
Analyst: NLK
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	650	300	1
1,1-Dichloroethane	ND		ug/kg	130	19.	1
Chloroform	250		ug/kg	190	18.	1
Carbon tetrachloride	ND		ug/kg	130	30.	1
1,2-Dichloropropane	ND		ug/kg	130	16.	1
Dibromochloromethane	ND		ug/kg	130	18.	1
1,1,2-Trichloroethane	ND		ug/kg	130	34.	1
Tetrachloroethene	90000	E	ug/kg	65	25.	1
Chlorobenzene	ND		ug/kg	65	16.	1
Trichlorofluoromethane	ND		ug/kg	520	90.	1
1,2-Dichloroethane	ND		ug/kg	130	33.	1
1,1,1-Trichloroethane	ND		ug/kg	65	22.	1
Bromodichloromethane	ND		ug/kg	65	14.	1
trans-1,3-Dichloropropene	ND		ug/kg	130	35.	1
cis-1,3-Dichloropropene	ND		ug/kg	65	20.	1
Bromoform	ND		ug/kg	520	32.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	65	21.	1
Benzene	ND		ug/kg	65	21.	1
Toluene	ND		ug/kg	130	70.	1
Ethylbenzene	ND		ug/kg	130	18.	1
Chloromethane	ND		ug/kg	520	120	1
Bromomethane	ND		ug/kg	260	75.	1
Vinyl chloride	ND		ug/kg	130	43.	1
Chloroethane	ND		ug/kg	260	58.	1
1,1-Dichloroethene	ND		ug/kg	130	31.	1
trans-1,2-Dichloroethene	210		ug/kg	190	18.	1
Trichloroethene	9500		ug/kg	65	18.	1
1,2-Dichlorobenzene	ND		ug/kg	260	19.	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2227583

Project Number: 2001642 **Report Date:** 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-07 Date Collected: 05/24/22 15:00

Client ID: 5E Date Received: 05/24/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	260	19.	1
1,4-Dichlorobenzene	ND		ug/kg	260	22.	1
Methyl tert butyl ether	ND		ug/kg	260	26.	1
p/m-Xylene	190	J	ug/kg	260	72.	1
o-Xylene	89	J	ug/kg	130	38.	1
cis-1,2-Dichloroethene	39000	E	ug/kg	130	23.	1
Styrene	ND		ug/kg	130	25.	1
Dichlorodifluoromethane	ND		ug/kg	1300	120	1
Acetone	ND		ug/kg	1300	620	1
Carbon disulfide	ND		ug/kg	1300	590	1
2-Butanone	ND		ug/kg	1300	290	1
4-Methyl-2-pentanone	ND		ug/kg	1300	160	1
2-Hexanone	ND		ug/kg	1300	150	1
Bromochloromethane	ND		ug/kg	260	26.	1
1,2-Dibromoethane	ND		ug/kg	130	36.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	390	130	1
Isopropylbenzene	ND		ug/kg	130	14.	1
1,2,3-Trichlorobenzene	ND		ug/kg	260	42.	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	35.	1
Methyl Acetate	ND		ug/kg	520	120	1
Cyclohexane	150	J	ug/kg	1300	70.	1
1,4-Dioxane	ND		ug/kg	10000	4500	1
Freon-113	ND		ug/kg	520	90.	1
Methyl cyclohexane	480	J	ug/kg	520	78.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: UNIFIRST LIVERPOOL
Lab Number: L2227583
Project Number: 2001642
Report Date: 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-07 D
Client ID: 5E
Sample Location: LIVERPOOL, NY

Date Collected: 05/24/22 15:00
Date Received: 05/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/25/22 17:45
Analyst: AJK
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tetrachloroethene	77000		ug/kg	650	250	10
cis-1,2-Dichloroethene	38000		ug/kg	1300	230	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2227583

Project Number: 2001642 **Report Date:** 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-08 Date Collected: 05/24/22 15:45
Client ID: 5W Date Received: 05/24/22
Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/25/22 22:48
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.39	J	ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	13		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	1.2		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2227583

Project Number: 2001642 **Report Date:** 05/27/22

SAMPLE RESULTS

Lab ID: L2227583-08 Date Collected: 05/24/22 15:45

Client ID: 5W Date Received: 05/24/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	7.0		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.98	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.1	0.72	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2228385
Report Date: 06/02/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2228385-01	10E	SOIL	LIVERPOOL, NY	05/24/22 13:00	05/24/22

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2228385

Project Number: 2001642 **Report Date:** 06/02/22

SAMPLE RESULTS

Lab ID: L2228385-01 Date Collected: 05/24/22 13:00

Client ID: 10E Date Received: 05/24/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 06/01/22 15:19

Analyst: JC

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	56	8.1	1
Chloroform	39	J	ug/kg	84	7.8	1
Carbon tetrachloride	ND		ug/kg	56	13.	1
1,2-Dichloropropane	ND		ug/kg	56	7.0	1
Dibromochloromethane	ND		ug/kg	56	7.8	1
1,1,2-Trichloroethane	ND		ug/kg	56	15.	1
Tetrachloroethene	19000	E	ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.1	1
Trichlorofluoromethane	ND		ug/kg	220	39.	1
1,2-Dichloroethane	ND		ug/kg	56	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.3	1
Bromodichloromethane	ND		ug/kg	28	6.1	1
trans-1,3-Dichloropropene	ND		ug/kg	56	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	8.8	1
Bromoform	ND		ug/kg	220	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.2	1
Benzene	ND		ug/kg	28	9.2	1
Toluene	ND		ug/kg	56	30.	1
Ethylbenzene	2200		ug/kg	56	7.8	1
Chloromethane	ND		ug/kg	220	52.	1
Bromomethane	ND		ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	56	19.	1
Chloroethane	ND		ug/kg	110	25.	1
1,1-Dichloroethene	ND		ug/kg	56	13.	1
trans-1,2-Dichloroethene	48	J	ug/kg	84	7.6	1
Trichloroethene	1900		ug/kg	28	7.6	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.0	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2228385

Project Number: 2001642 **Report Date:** 06/02/22

SAMPLE RESULTS

Lab ID: L2228385-01 Date Collected: 05/24/22 13:00

Client ID: 10E Date Received: 05/24/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.5	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	10000		ug/kg	110	31.	1
o-Xylene	7300		ug/kg	56	16.	1
cis-1,2-Dichloroethene	6800		ug/kg	56	9.7	1
Styrene	ND		ug/kg	56	11.	1
Dichlorodifluoromethane	ND		ug/kg	560	51.	1
Acetone	ND		ug/kg	560	270	1
Carbon disulfide	ND		ug/kg	560	250	1
2-Butanone	ND		ug/kg	560	120	1
4-Methyl-2-pentanone	12000		ug/kg	560	71.	1
2-Hexanone	ND		ug/kg	560	66.	1
Bromochloromethane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	56	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	56.	1
Isopropylbenzene	140		ug/kg	56	6.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
Methyl Acetate	2800		ug/kg	220	53.	1
Cyclohexane	ND		ug/kg	560	30.	1
1,4-Dioxane	ND		ug/kg	4400	2000	1
Freon-113	ND		ug/kg	220	38.	1
Methyl cyclohexane	46	J	ug/kg	220	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	97		70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2228385
Project Number: 2001642
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2228385-01 D
Client ID: 10E
Sample Location: LIVERPOOL, NY

Date Collected: 05/24/22 13:00
Date Received: 05/24/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/28/22 15:41
Analyst: NLK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tetrachloroethene	15000		ug/kg	110	44.	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	92		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642.4_1

Lab Number: L2229284
Report Date: 06/07/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2229284-01	20E	SOIL	103 LUTHER AVE	06/03/22 08:30	06/03/22

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642.4_1
Lab Number: L2229284
Report Date: 06/07/22

SAMPLE RESULTS

Lab ID: L2229284-01
Client ID: 20E
Sample Location: 103 LUTHER AVE
Date Collected: 06/03/22 08:30
Date Received: 06/03/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/06/22 13:59
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	230	110	1
1,1-Dichloroethane	ND		ug/kg	47	6.8	1
Chloroform	ND		ug/kg	70	6.6	1
Carbon tetrachloride	ND		ug/kg	47	11.	1
1,2-Dichloropropane	ND		ug/kg	47	5.9	1
Dibromochloromethane	ND		ug/kg	47	6.6	1
1,1,2-Trichloroethane	ND		ug/kg	47	12.	1
Tetrachloroethene	2300		ug/kg	23	9.2	1
Chlorobenzene	ND		ug/kg	23	6.0	1
Trichlorofluoromethane	ND		ug/kg	190	33.	1
1,2-Dichloroethane	ND		ug/kg	47	12.	1
1,1,1-Trichloroethane	ND		ug/kg	23	7.8	1
Bromodichloromethane	ND		ug/kg	23	5.1	1
trans-1,3-Dichloropropene	ND		ug/kg	47	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	23	7.4	1
Bromoform	ND		ug/kg	190	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	23	7.8	1
Benzene	ND		ug/kg	23	7.8	1
Toluene	ND		ug/kg	47	25.	1
Ethylbenzene	11	J	ug/kg	47	6.6	1
Chloromethane	ND		ug/kg	190	44.	1
Bromomethane	ND		ug/kg	94	27.	1
Vinyl chloride	ND		ug/kg	47	16.	1
Chloroethane	ND		ug/kg	94	21.	1
1,1-Dichloroethene	ND		ug/kg	47	11.	1
trans-1,2-Dichloroethene	ND		ug/kg	70	6.4	1
Trichloroethene	120		ug/kg	23	6.4	1
1,2-Dichlorobenzene	ND		ug/kg	94	6.8	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2229284

Project Number: 2001642.4_1 **Report Date:** 06/07/22

SAMPLE RESULTS

Lab ID: L2229284-01 Date Collected: 06/03/22 08:30

Client ID: 20E Date Received: 06/03/22

Sample Location: 103 LUTHER AVE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	94	6.9	1
1,4-Dichlorobenzene	ND		ug/kg	94	8.0	1
Methyl tert butyl ether	ND		ug/kg	94	9.4	1
p/m-Xylene	54	J	ug/kg	94	26.	1
o-Xylene	44	J	ug/kg	47	14.	1
cis-1,2-Dichloroethene	240		ug/kg	47	8.2	1
Styrene	ND		ug/kg	47	9.2	1
Dichlorodifluoromethane	ND		ug/kg	470	43.	1
Acetone	ND		ug/kg	470	220	1
Carbon disulfide	ND		ug/kg	470	210	1
2-Butanone	ND		ug/kg	470	100	1
4-Methyl-2-pentanone	ND		ug/kg	470	60.	1
2-Hexanone	ND		ug/kg	470	55.	1
Bromochloromethane	ND		ug/kg	94	9.6	1
1,2-Dibromoethane	ND		ug/kg	47	13.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	47.	1
Isopropylbenzene	ND		ug/kg	47	5.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	94	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	94	13.	1
Methyl Acetate	70	J	ug/kg	190	44.	1
Cyclohexane	ND		ug/kg	470	26.	1
1,4-Dioxane	ND		ug/kg	3800	1600	1
Freon-113	ND		ug/kg	190	32.	1
Methyl cyclohexane	ND		ug/kg	190	28.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

July 19, 2022

Sent via e-mail, no hard copy to follow

Ms. Ileen Gladstone, P.E., LSP, LEED AP
Senior Vice President
GEI CONSULTANTS, INC
400 Unicorn Park Drive
Woburn, MA 01801

Re: "Contained-In" Determination Request
Soil Excavation Associated with Phase 2 Construction
UniFirst Liverpool Property
113 7th North Street, Liverpool, New York

Dear Ms. Gladstone:

The New York State Department of Environmental Conservation (NYSDEC or the Department) has reviewed your letter dated June 21, 2022, requesting a "contained-in" determination for soil to be excavated during the Phase 2 redevelopment of the UniFirst Corporation laundry facility at 113 7th North Street, Liverpool, New York.

Evaluation

Concentrations (Lab Report ID: L2021883-04, L2026478-08, L2026478-09, L2026675-03, L2110097-03, L2110097-06, L2110097-09, L2110097-10, L2110097-12, L2110097-16, L2110097-18, L2111243-07, L2111243-08, L2111243-18, L2111243-19, L2111243-21, L2111243-22, L2111243-23, L2114867-03, L2161381-01, L2161384-08, L2162707-03, L2162707-09, and L2224334) detected for individual volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides and PCBs were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual VOCs, SVOCs, metals and PCBs were not detected above the reporting limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for tetrachloroethene, trichloroethene and cis-1,2-dichloroethene detected in the soil samples (Lab Sample ID: L2021883-04, L2026478-08, L2026478-09, L2026675-03, L2110097-03, L2110097-06, L2110097-09, L2110097-12, L2110097-16, L2111243-07, L2111243-08, L2111243-18, L2111243-19, L2111243-21, L2111243-23, L2114867-03, L2161381-01, L2161384-08, L2162707-03, L2162707-09 and

L2224334-04) were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Therefore, approximately 4,800 tons of soil, to be excavated during the Phase 2 redevelopment of the UniFirst Corporation laundry facility located in Liverpool, New York do not have to be managed as a hazardous waste and can be transported off-site to Camillus Landfill on Bell Isle Road in Camillus, NY and/or Seneca Meadows in Seneca Falls, NY able to accept this material, for disposal as non-hazardous waste.

This contained-in determination does not apply to soils within **B204** delineated area, identified as the hazardous waste hot spot area in **Figure 3**. This area, failed to meet the “contained-in” determination policy, must be handled and disposed as F002 Hazardous waste.

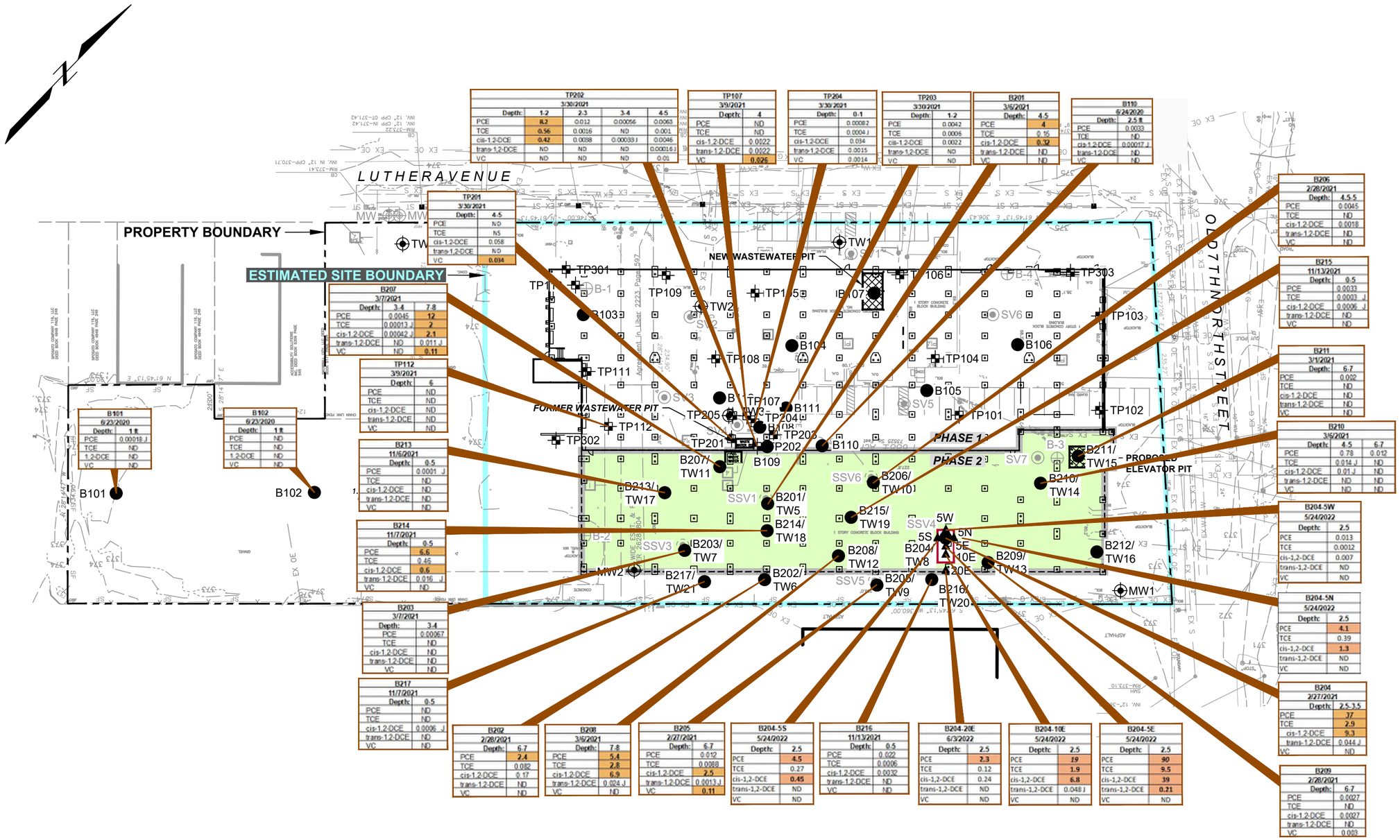
During the soil excavation, if GEI CONSULTANTS, INC may encounter stain, discoloration or exhibits odors suggesting contamination, such material shall be separated from the excavated material and should be properly stockpiled and analyzed as per the Phase 2 Soil Management Plan and depending on the results; GEI CONSULTANTS, INC may request a “Contained-In” determination for this material.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permitting Section

ec: N. Smith, DEC



LEGEND:

- SOIL SAMPLE
- TEST PIT
- SOIL BORING
- MONITORING WELL (SOIL SAMPLED DURING INSTALLATION)
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- BORING BY OTHERS
- SOIL VAPOR SAMPLE
- SUB-SLAB SOIL GAS MONITORING POINT
- PHASE 2 WORK AREA (SURFACE TO 10.5 BGS) - SUBJECT TO CONTAINED-IN DETERMINATION REQUEST (WITH EXCEPTION OF B204 AREA (BOXED IN RED)
- BUILDING PHASE 1 (CONSTRUCTION COMPLETED)
- PROPOSED BUILDING PHASE 2 (CONSTRUCTION PLANNED FOR 2022)
- PROPERTY BOUNDARY
- ESTIMATED SITE BOUNDARY

SOIL ASSESSMENT NOTES:

1. DATA FORMATTED IN ITALICS EXCEEDS THE TAGM_3028 CONTAINED-IN ACTION LEVEL.
2. DATA FORMATTED BOLD EXCEEDS 6NYCRR 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES.
3. DATA HIGHLIGHTED ORANGE EXCEEDS THE 6NYCRR 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES.
4. DATA ARE PRESENTED IN MILLIGRAMS PER KILOGRAM.
5. J INDICATES AN ESTIMATED VALUE.
6. ND INDICATES THE ANALYTE WAS NOT DETECTED.

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Contained-In Determination Request
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

PHASE 2 WORK AREA
SOIL ASSESSMENT
CVOCs

Project 2001642 | June 2022 | Fig. 3

CLINGEN, PAUL B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\C-I DR 2022\2001642-04.dwg - 6/9/2022

GEI Consultants

Consulting Engineers and Scientists

August 10, 2022
Project 2001642

Mr. Henry Wilke
Division of Solid and Hazardous Materials
NYSDEC
625 Broadway
Albany, NY 12233

Dear Mr. Wilke:

Re: "Contained-In" Determination Request for Concrete Demolition Associated with Phase 2 Construction
UniFirst Liverpool Property
113 7th North Street, Liverpool, New York

The purpose of this letter is to request a determination that the concrete floor slab removed during the Phase 2 redevelopment of the UniFirst Corporation laundry facility at 113 7th North Street, Liverpool, Onondaga County, New York (the Property; Figure 1) does not require management as a hazardous waste under the "Contained-In" Action Levels as outlined in Technical and Administrative Guidance Memorandum (TAGM) 3028.

Site Description

Since being acquired by UniFirst in the mid-1960s, the facility has been operated as an industrial laundry. The Property is currently made up of the original industrial laundry facility parcel and several additional adjacent parcels located along Luther Avenue that UniFirst acquired over the years. The Property is approximately 3.25 acres, currently improved with a new 31,000-square foot building located along Luther Avenue (completed in early 2022; referred to hereafter as the "Phase 1" of the new laundry facility) and is in a commercial/industrial-zoned area. Currently, Phase 2 of the new laundry facility is under construction in the area of the original laundry facility (i.e., the original facility was demolished in 2022 and Phase 2 is being constructed in its place). The other areas of the Property are reworked soil, covered by gravel, or paved. There is a fence along the southwestern property line, limiting access to the Property from the adjacent truck stop and gas station.

As previously mentioned, construction is currently underway as part of a facility replacement and expansion project. Construction of the new facility is being undertaken in two phases to allow for continued operation of the facility throughout construction. The construction phases are illustrated on Figure 2. The first phase of construction (Phase 1) included the 31,000-square foot structure adjacent to Luther Street. Phase 1 was completed in April 2022 and is now being used by UniFirst for laundry operations. While Phase 1 was under construction, UniFirst continued operating in the existing facility at the rear (south side) of the Property. Now that Phase 1 is completed and operations have moved to the new building, the existing facility was recently demolished. Site preparation is underway and construction of the Phase 2 building is commencing (June 2022). Once complete, the combined Phase 1 and Phase 2 the new facility

GEI Consultants, Inc., P.C.
301 Trumansburg Road, Suite N, Ithaca, NY 14850
607.216.8955

will be joined as a single 55,700-square foot one-story building housing UniFirst's laundry facility and administrative operations.

Regulatory Status

On September 14, 2020, during initial redevelopment activities at the UniFirst Property, the New York State Department of Environmental Conservation (NYSDEC) was notified of a release of chlorinated volatile organic compounds (CVOCs) in groundwater and potentially soil around wastewater treatment pits and a sewer line on the Property. NYSDEC assigned Spill No. 2005410.

In March 2021, UniFirst applied to the NYSDEC to participate in the Brownfield Cleanup Program (BCP) and entered into a Brownfields Cleanup Agreement (BCA) through the BCP in October 2021. This spill number was closed by the NYSDEC on October 12, 2021, the date the BCA was executed.

The Site is now registered as BCP Site No. C734152 and UniFirst is a "Participant" in the program as defined by ECL 27 1405(1)(a) of the BCP. A Citizen Participation Plan (CPP) has been prepared and was published by the NYSDEC in February 2022. No other BCP milestones have been achieved to date.

Summary of Site Impacts

Between April 2020 and present, GEI has collected soil vapor, sub-slab soil vapor, soil and groundwater samples on behalf of UniFirst to evaluate the nature and extent of potential release(s) to the environment due to dry cleaning previously performed in the industrial laundry facility and evaluate if excess soil generated during construction may be impacted by historical operations. Samples were collected across the Property, in the footprints of both the Phase 1 and Phase 2 construction areas including near an underground wastewater collection pit (hereafter referred to as the "former wastewater pit;" filled in place in March 2021). Specifically, soil and groundwater samples were submitted for VOCs, semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and/or metals (analyses varied depending on location, date, and depth). Based on investigations performed to date, the primary constituents of concern are CVOCs, including tetrachloroethylene (PCE), trichloroethene (TCE), 1,2-dichloroethene (1,2-DCE), 1,1-dichloroethene (1,1-DCE) and vinyl chloride (VC). These CVOCs were primarily identified in soil and groundwater around and downgradient from the former wastewater pit (Figure 2) at depths ranging from 10.5 to 20+ feet below ground surface (bgs), which is at or below the bottom elevation of the former wastewater pit (approximately 8 to 11 feet bgs). This area is hereafter referred to as the "source area," with the source of the PCE (which was reportedly used as the dry cleaning solvent during historical operations) likely being attributed to the release of dry cleaning solvents to the wastewater pit (the concrete associated with the wastewater permit remains in-place on site).

On UniFirst's behalf, GEI submitted a prior request to NYSDEC on June 21, 2022 to provide a Contained-In determination for the soils to be excavated from within the Phase 2 construction area. The determination approved by NYSDEC on July 19, 2022. (This prior Contained-In determination request included details related to the analytical data collected to date.) During NYSDEC's review of that request, NYSDEC requested that the demolished floor slab material also be tested for VOCs (via both Total and TCLP analytical methods), and that a separate Contained-In determination request be submitted for the concrete material. As a result, on behalf of UniFirst, GEI collected six samples from the demolished floor slab. The VOC results for these pulverized concrete samples are summarized in Table 1 and the laboratory data package is provided in Attachment 1.

Scope of Work

Waste-generating work associated with construction consists of demolition of the former laundry facility floor slab (outlined in pink on Figure 2), and excavation and disposal of excess soil generated in association with pile cap and grade beam installations, and construction of an elevator pit within the Phase 2 construction area (Figure 2). This work is being performed for UniFirst by C&S Companies, Inc. of Syracuse, New York (C&S).

As summarized in Table 1, analytical data shows that TCLP VOCs were not detected in the concrete samples and are therefore not a characteristic hazardous waste. Certain VOCs analyzed via totals analysis were detected at low concentrations, but below the applicable Contained-In Action Levels outlined in the TAGM 3028 (for soil/sediment). Therefore, on UniFirst's behalf, GEI is requesting a "Contained-In Determination" from NYSDEC for the concrete demolition material.

The requested "Contained-In Determination" letter will indicate that the material does not require management as hazardous waste under the "Contained-In" policy and can be sent to a Part 360 permitted land disposal facility. The volume of this demolition material is less than 400 cubic yards, or approximately 800 tons.

Concrete Demolition Material Disposal

Some of the floor slab material is currently stockpiled onsite. This concrete demolition material generated during the Phase 2 redevelopment will be disposed of off-Site and in accordance with local, state, and federal regulations. Specifically, the non-hazardous demolition waste is expected to go to the Camillus Landfill on Bell Isle Road in Camillus, NY or Seneca Meadows in Seneca Falls, NY.

If you have any questions or comments regarding the information presented in this report, please contact Ms. Ileen Gladstone at (781) 424-9924 or igladstonegeiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC., P.C.

C. Malagrida

Catherine M. Malagrida, P.G.
Project Manager

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

CMM/ISG:vjb

Attachments:
- Table 1 – Phase 2 Work Area Contained-In Evaluation for Concrete
- Figure 1 – Property Location Map
- Figure 2 – Site Plan
- Attachment 1 – Laboratory Data Package

c: Timothy Cosgrave, UniFirst

Table

Table 1. Phase 2 Work Area Contained-In Evaluation for Concrete
Contained-in Determination Request for Concrete
UniFirst Facility, Liverpool, NY

Analyte	CAS No.	Contained-In Guidance (1)	Units	Sample ID: CI1-07252022 Sample Date: 7/25/2022		CI2-07252022 7/25/2022		CI3-07252022 7/25/2022		CI4-07252022 7/25/2022		CI5-07252022 7/25/2022		CI6-07252022 7/25/2022	
General Chemistry															
Solids, Total	--	--	%	96.3		95.6		97		95.7		96.4		95	
TCLP Volatiles by EPA 1311															
Chloroform	67-66-3	--	ug/l	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U	7.5	U
Carbon tetrachloride	56-23-5	--	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
Tetrachloroethene	127-18-4	--	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
Chlorobenzene	108-90-7	--	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichloroethane	107-06-2	--	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	71-43-2	--	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	75-01-4	--	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	75-35-4	--	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
Trichloroethene	79-01-6	--	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
1,4-Dichlorobenzene	106-46-7	--	ug/l	25	U	25	U	25	U	25	U	25	U	25	U
2-Butanone	78-93-3	--	ug/l	50	U	50	U	50	U	50	U	50	U	50	U
Volatile Organics by GC/MS															
Methylene chloride	75-09-2	--	ug/kg	4.9	U	4.8	U	4.3	U	4.2	U	4.5	U	5	U
1,1-Dichloroethane	75-34-3	--	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
Chloroform	67-66-3	--	ug/kg	1.5	U	1.4	U	1.3	U	1.2	U	1.3	U	1.5	U
Carbon tetrachloride	56-23-5	--	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
1,2-Dichloropropane	78-87-5	--	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
Dibromochloromethane	124-48-1	--	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
1,1,2-Trichloroethane	79-00-5	--	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
Tetrachloroethene	127-18-4	12000	ug/kg	**0.67**		**0.23**	J	**2.5**		**3.1**		**4.8**		**0.64**	
Chlorobenzene	108-90-7	--	ug/kg	0.49	U	0.48	U	0.43	U	0.42	U	0.45	U	0.5	U
Trichlorofluoromethane	75-69-4	--	ug/kg	3.9	U	3.8	U	3.4	U	3.4	U	3.6	U	4	U
1,2-Dichloroethane	107-06-2	--	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
1,1,1-Trichloroethane	71-55-6	--	ug/kg	0.49	U	0.48	U	0.43	U	0.42	U	0.45	U	0.5	U
Bromodichloromethane	75-27-4	--	ug/kg	0.49	U	0.48	U	0.43	U	0.42	U	0.45	U	0.5	U
trans-1,3-Dichloropropene	10061-02-6	--	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
cis-1,3-Dichloropropene	10061-01-5	--	ug/kg	0.49	U	0.48	U	0.43	U	0.42	U	0.45	U	0.5	U
Bromoform	75-25-2	--	ug/kg	3.9	U	3.8	U	3.4	U	3.4	U	3.6	U	4	U
1,1,2,2-Tetrachloroethane	79-34-5	--	ug/kg	0.49	U	0.48	U	0.43	U	0.42	U	0.45	U	0.5	U
Benzene	71-43-2	--	ug/kg	0.49	U	0.48	U	0.43	U	0.42	U	0.45	U	0.5	U
Toluene	108-88-3	--	ug/kg	**0.54**	J	0.95	U	0.86	U	**0.52**	J	**0.79**	J	1	U
Ethylbenzene	100-41-4	--	ug/kg	**0.57**	J	0.95	U	**0.13**	J	**0.27**	J	**0.6**	J	1	U
Chloromethane	74-87-3	--	ug/kg	3.9	U	3.8	U	3.4	U	3.4	U	3.6	U	4	U
Bromomethane	74-83-9	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
Vinyl chloride	75-01-4	340	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
Chloroethane	75-00-3	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
1,1-Dichloroethene	75-35-4	1100	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
trans-1,2-Dichloroethene	156-60-5	1600000	ug/kg	1.5	U	1.4	U	1.3	U	1.2	U	1.3	U	1.5	U
Trichloroethene	79-01-6	58000	ug/kg	0.49	U	0.48	U	0.43	U	0.42	U	0.45	U	0.5	U
1,2-Dichlorobenzene	95-50-1	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
1,3-Dichlorobenzene	541-73-1	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
1,4-Dichlorobenzene	106-46-7	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
Methyl tert butyl ether	1634-04-4	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
p/m-Xylene	179601-23-1	--	ug/kg	**3.1**		1.9	U	**0.55**	J	**1.2**	J	**2.8**		2	U
o-Xylene	95-47-6	--	ug/kg	**1.6**		0.95	U	0.86	U	**0.64**	J	**1.5**		1	U
cis-1,2-Dichloroethene	156-59-2	780000	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	**1.2**	
Styrene	100-42-5	--	ug/kg	**0.31**	J	0.95	U	0.86	U	0.84	U	0.9	U	1	U
Dichlorodifluoromethane	75-71-8	--	ug/kg	9.8	U	9.5	U	8.6	U	8.4	U	9	U	10	U
Acetone	67-64-1	--	ug/kg	**18**		**12**		**16**		**12**		**19**		**18**	
Carbon disulfide	75-15-0	--	ug/kg	9.8	U	9.5	U	8.6	U	8.4	U	9	U	10	U
2-Butanone	78-93-3	--	ug/kg	**5.9**	J	9.5	U	8.6	U	**2.2**	J	**2.5**	J	**3.2**	J
4-Methyl-2-pentanone	108-10-1	--	ug/kg	9.8	U	9.5	U	8.6	U	8.4	U	9	U	10	U
2-Hexanone	591-78-6	--	ug/kg	9.8	U	9.5	U	8.6	U	8.4	U	9	U	10	U
Bromochloromethane	74-97-5	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
1,2-Dibromoethane	106-93-4	--	ug/kg	0.98	U	0.95	U	0.86	U	0.84	U	0.9	U	1	U
1,2-Dibromo-3-chloropropane	96-12-8	--	ug/kg	2.9	U	2.9	U	2.6	U	2.5	U	2.7	U	3	U
Isopropylbenzene	98-82-8	--	ug/kg	**0.2**	J	0.95	U	0.86	U	0.84	U	**0.16**	J	1	U
1,2,3-Trichlorobenzene	87-61-6	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
1,2,4-Trichlorobenzene	120-82-1	--	ug/kg	2	U	1.9	U	1.7	U	1.7	U	1.8	U	2	U
Methyl Acetate	79-20-9	--	ug/kg	3.9	U	3.8	U	3.4	U	3.4	U	3.6	U	4	U
Cyclohexane	110-82-7	--	ug/kg	9.8	U	9.5	U	8.6	U	8.4	U	9	U	10	U
1,4-Dioxane	123-91-1	--	ug/kg	78	U	76	U	69	U	67	U	72	U	80	U
Freon-113	76-13-1	--	ug/kg	3.9	U	3.8	U	3.4	U	3.4	U	3.6	U	4	U
Methyl cyclohexane	108-87-2	--	ug/kg	3.9	U	3.8	U	3.4	U	3.4	U	3.6	U	4	U

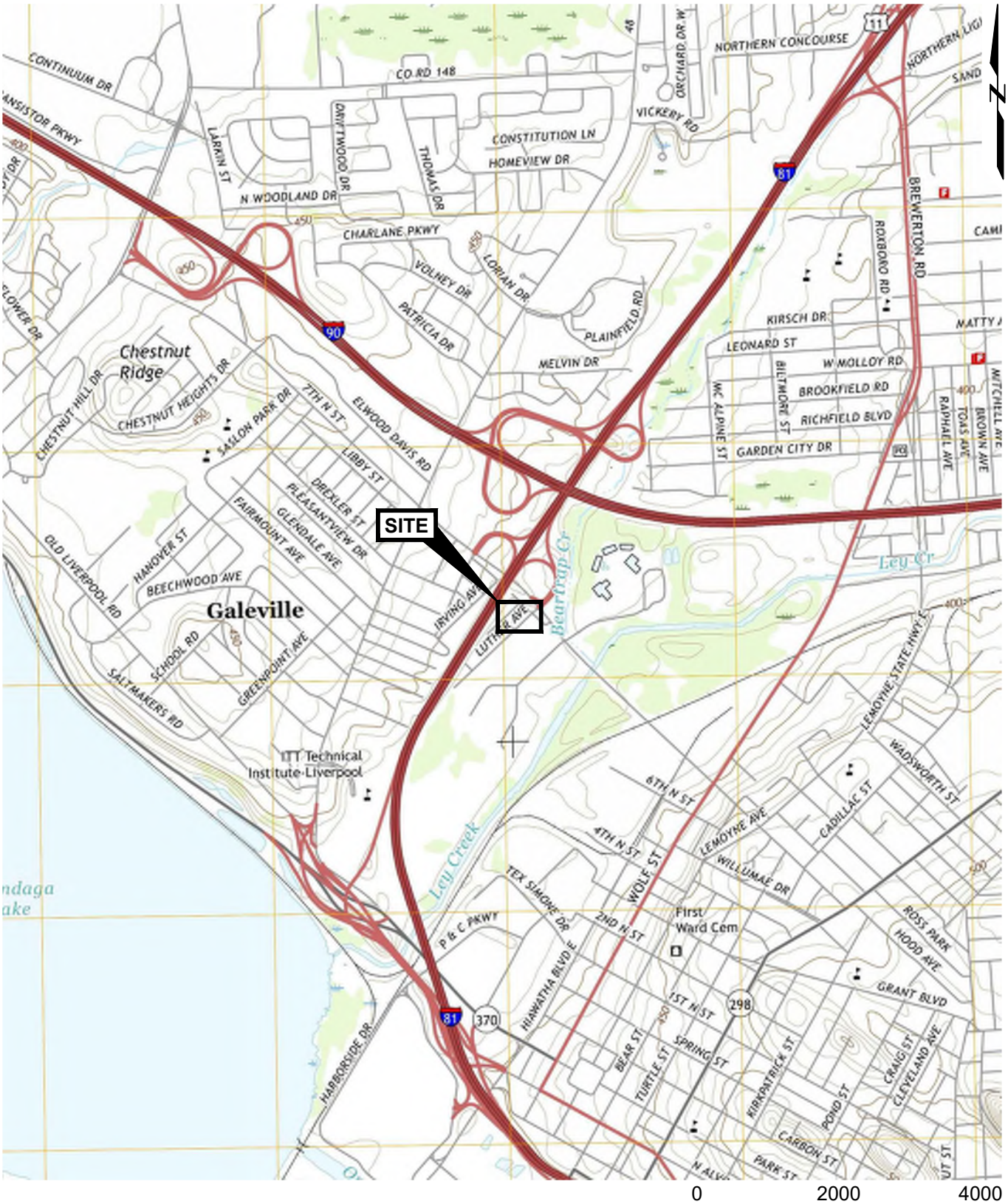
Notes:

1. Comparison of detected results are performed against NYSDEC Technical Administrative Guidance Memorandum 3028, Contained-In Criteria for Environmental Media, dated November 30, 1992. Although the sampled media is pulverized concrete, the soil/sediment values were used in this evaluation, for screening purposes.
2. Data have not been validated; qualifiers are lab qualifiers
3. Units are in micrograms per kilogram (ug/kg)
4. CAS No. = Chemical Abstracts Service Number
5. Bolding indicates a detected result
6. -- indicates none or not applicable

Laboratory Qualifiers:

J = The result is an estimated value
U = Compound was not detected; associated value is laboratory detection limit

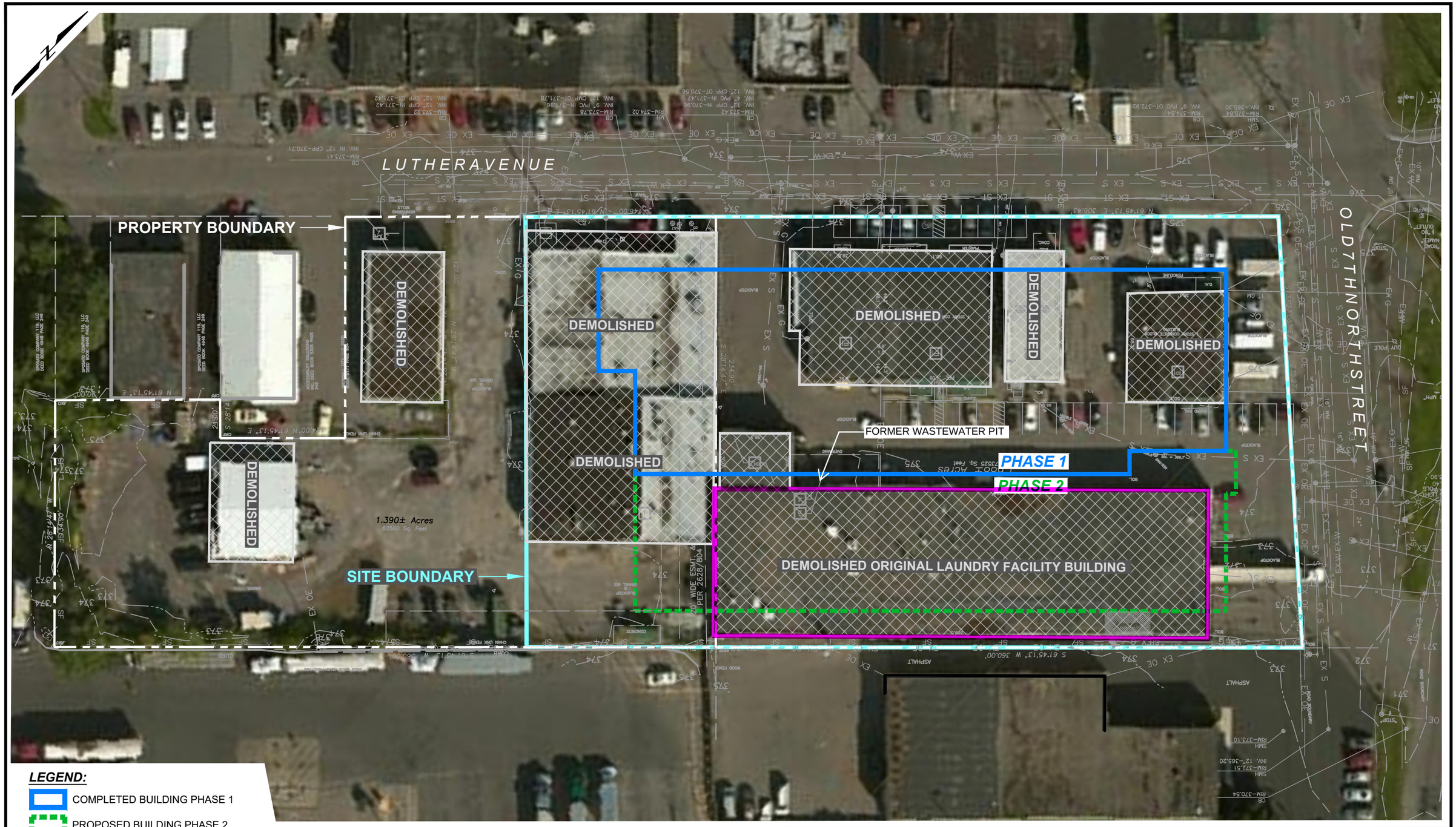
Figures



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Contained-In Determination Request 113 7th North Street Liverpool, New York	GEI Consultants	PROPERTY LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	June 2022 Fig. 1

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\C-I DR 2022\2001642-01.dwg - 5/6/2022



LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- DEMOLISHED FLOOR SLAB

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

0 50 100

SCALE: 1" = 50'

Contained-In Determination Request
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | July 2022 | Fig. 2

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\C-I DR 2022\2001642-02.dwg - 5/6/2022

Attachment 1

Laboratory Data Package

ANALYTICAL REPORT

Lab Number:	L2239676
Client:	GEI Consultants, Inc., P.C. 1301 Trumansburg Road Suite N Ithaca, NY 14850
ATTN:	Catherine Malagrida
Phone:	(607) 216-8955
Project Name:	UNIFIRST - LIVERPOOL
Project Number:	2001642
Report Date:	07/28/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2239676-01	CI1-07252022	SOIL	LIVERPOOL, NY	07/25/22 14:00	07/25/22
L2239676-02	CI2-07252022	SOIL	LIVERPOOL, NY	07/25/22 15:00	07/25/22
L2239676-03	CI3-07252022	SOIL	LIVERPOOL, NY	07/25/22 16:30	07/25/22
L2239676-04	CI4-07252022	SOIL	LIVERPOOL, NY	07/25/22 17:00	07/25/22
L2239676-05	CI5-07252022	SOIL	LIVERPOOL, NY	07/25/22 17:30	07/25/22
L2239676-06	CI6-07252022	SOIL	LIVERPOOL, NY	07/25/22 17:45	07/25/22

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2239676
Project Number:	2001642	**Report Date:**	07/28/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2239676
Project Number:	2001642	**Report Date:**	07/28/22

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2239676-01, -02, -03, -04, -05, and -06:Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2239676-01: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (40%), possibly due to the matrix effect caused by the high pH of the sample (>10).

L2239676-02 and -03: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (45%), possibly due to the matrix effect caused by the high pH of the sample (>10).

L2239676-04: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (54%), possibly due to the matrix effect caused by the high pH of the sample (>10).

L2239676-05: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (42%), possibly due to the matrix effect caused by the high pH of the sample (>10).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 07/28/22

ORGANICS

VOLATILES

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2239676
Project Number: 2001642
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-01
Client ID: CI1-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 14:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 09:39
Analyst: MM
Percent Solids: 96%
TCLP/SPLP Ext. Date: 07/26/22 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	90		70-130
dibromofluoromethane	119		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-01
Client ID: CI1-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 14:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 08:59
Analyst: MKS
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	0.67		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	0.54	J	ug/kg	0.98	0.53	1
Ethylbenzene	0.57	J	ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2239676

Project Number: 2001642 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-01 Date Collected: 07/25/22 14:00

Client ID: CI1-07252022 Date Received: 07/25/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	3.1		ug/kg	2.0	0.55	1
o-Xylene	1.6		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	0.31	J	ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	18		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	5.9	J	ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	0.20	J	ug/kg	0.98	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	**40**	Q	70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2239676
Project Number: 2001642
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-02
Client ID: CI2-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 15:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 10:01
Analyst: MM
Percent Solids: 96%
TCLP/SPLP Ext. Date: 07/26/22 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	90		70-130
dibromofluoromethane	118		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-02
Client ID: CI2-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 15:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 09:19
Analyst: MKS
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	0.23	J	ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2239676

Project Number: 2001642 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-02 Date Collected: 07/25/22 15:00

Client ID: CI2-07252022 Date Received: 07/25/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	12		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.91	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	**45**	Q	70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2239676
Project Number: 2001642
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-03
Client ID: CI3-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 16:30
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 10:24
Analyst: MM
Percent Solids: 97%
TCLP/SPLP Ext. Date: 07/26/22 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	91		70-130
dibromofluoromethane	120		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-03
Client ID: CI3-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 16:30
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 18:30
Analyst: JC
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	2.5		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	0.13	J	ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2239676

Project Number: 2001642 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-03 Date Collected: 07/25/22 16:30

Client ID: CI3-07252022 Date Received: 07/25/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	0.55	J	ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.79	1
Acetone	16		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.82	1
Cyclohexane	ND		ug/kg	8.6	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.4	0.60	1
Methyl cyclohexane	ND		ug/kg	3.4	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	**45**	Q	70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2239676
Project Number: 2001642
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-04
Client ID: CI4-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 17:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 10:47
Analyst: MM
Percent Solids: 96%
TCLP/SPLP Ext. Date: 07/26/22 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	91		70-130
dibromofluoromethane	116		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-04
Client ID: CI4-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 17:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 18:49
Analyst: JC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	3.1		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	0.52	J	ug/kg	0.84	0.46	1
Ethylbenzene	0.27	J	ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2239676

Project Number: 2001642 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-04 Date Collected: 07/25/22 17:00

Client ID: CI4-07252022 Date Received: 07/25/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	1.2	J	ug/kg	1.7	0.47	1
o-Xylene	0.64	J	ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	12		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	2.2	J	ug/kg	8.4	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	ND		ug/kg	8.4	0.46	1
1,4-Dioxane	ND		ug/kg	67	29.	1
Freon-113	ND		ug/kg	3.4	0.58	1
Methyl cyclohexane	ND		ug/kg	3.4	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	**54**	Q	70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2239676
Project Number: 2001642
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-05
Client ID: CI5-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 17:30
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 11:10
Analyst: MM
Percent Solids: 96%
TCLP/SPLP Ext. Date: 07/26/22 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	90		70-130
dibromofluoromethane	120		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-05
Client ID: CI5-07252022
Sample Location: LIVERPOOL, NY
Date Collected: 07/25/22 17:30
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 19:29
Analyst: JC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	4.8		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	0.79	J	ug/kg	0.90	0.49	1
Ethylbenzene	0.60	J	ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2239676

Project Number: 2001642 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-05 Date Collected: 07/25/22 17:30

Client ID: CI5-07252022 Date Received: 07/25/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	2.8		ug/kg	1.8	0.50	1
o-Xylene	1.5		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.82	1
Acetone	19		ug/kg	9.0	4.3	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	2.5	J	ug/kg	9.0	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.1	1
2-Hexanone	ND		ug/kg	9.0	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.89	1
Isopropylbenzene	0.16	J	ug/kg	0.90	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
Methyl Acetate	ND		ug/kg	3.6	0.85	1
Cyclohexane	ND		ug/kg	9.0	0.49	1
1,4-Dioxane	ND		ug/kg	72	31.	1
Freon-113	ND		ug/kg	3.6	0.62	1
Methyl cyclohexane	ND		ug/kg	3.6	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	**42**	Q	70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-06
Client ID: CI6-07252022
Sample Location: LIVERPOOL, NY
Date Collected: 07/25/22 17:45
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 11:32
Analyst: MM
Percent Solids: 95%
TCLP/SPLP Ext. Date: 07/26/22 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	90		70-130
dibromofluoromethane	117		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-06
Client ID: CI6-07252022
Sample Location: LIVERPOOL, NY
Date Collected: 07/25/22 17:45
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/27/22 10:37
Analyst: MKS
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	0.64		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2239676

Project Number: 2001642 **Report Date:** 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-06 Date Collected: 07/25/22 17:45

Client ID: CI6-07252022 Date Received: 07/25/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	1.2		ug/kg	1.0	0.17	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	18		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	3.2	J	ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	70		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2239676

Project Number: 2001642 **Report Date:** 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 08:19
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1668173-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 08:19
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1668173-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 08:19
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1668173-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 09:16
Analyst: MM
TCLP/SPLP Extraction Date: 07/26/22 08:43
Extraction Date: 07/26/22 08:43

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01-06 Batch: WG1668320-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	91		70-130
dibromofluoromethane	118		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2239676

Project Number: 2001642 **Report Date:** 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 17:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05 Batch: WG1668430-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	0.76	J	ug/kg	1.0	0.54
Ethylbenzene	0.25	J	ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 17:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05 Batch: WG1668430-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	0.56	J	ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/22 17:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05 Batch: WG1668430-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1668173-3 WG1668173-4								
Methylene chloride	99		90		70-130	10		30
1,1-Dichloroethane	98		89		70-130	10		30
Chloroform	95		86		70-130	10		30
Carbon tetrachloride	95		87		70-130	9		30
1,2-Dichloropropane	97		88		70-130	10		30
Dibromochloromethane	89		82		70-130	8		30
1,1,2-Trichloroethane	91		85		70-130	7		30
Tetrachloroethene	96		89		70-130	8		30
Chlorobenzene	94		87		70-130	8		30
Trichlorofluoromethane	106		97		70-139	9		30
1,2-Dichloroethane	98		89		70-130	10		30
1,1,1-Trichloroethane	100		89		70-130	12		30
Bromodichloromethane	91		82		70-130	10		30
trans-1,3-Dichloropropene	92		85		70-130	8		30
cis-1,3-Dichloropropene	98		88		70-130	11		30
Bromoform	83		79		70-130	5		30
1,1,2,2-Tetrachloroethane	87		84		70-130	4		30
Benzene	97		87		70-130	11		30
Toluene	86		79		70-130	8		30
Ethylbenzene	93		86		70-130	8		30
Chloromethane	112		102		52-130	9		30
Bromomethane	105		94		57-147	11		30
Vinyl chloride	110		99		67-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1668173-3 WG1668173-4								
Chloroethane	110		100		50-151	10		30
1,1-Dichloroethene	105		95		65-135	10		30
trans-1,2-Dichloroethene	96		87		70-130	10		30
Trichloroethene	98		88		70-130	11		30
1,2-Dichlorobenzene	91		85		70-130	7		30
1,3-Dichlorobenzene	93		86		70-130	8		30
1,4-Dichlorobenzene	85		80		70-130	6		30
Methyl tert butyl ether	100		91		66-130	9		30
p/m-Xylene	93		86		70-130	8		30
o-Xylene	94		87		70-130	8		30
cis-1,2-Dichloroethene	91		82		70-130	10		30
Styrene	94		86		70-130	9		30
Dichlorodifluoromethane	116		103		30-146	12		30
Acetone	106		102		54-140	4		30
Carbon disulfide	106		95		59-130	11		30
2-Butanone	92		88		70-130	4		30
4-Methyl-2-pentanone	82		80		70-130	2		30
2-Hexanone	84		84		70-130	0		30
Bromochloromethane	94		87		70-130	8		30
1,2-Dibromoethane	91		84		70-130	8		30
1,2-Dibromo-3-chloropropane	80		78		68-130	3		30
Isopropylbenzene	92		86		70-130	7		30
1,2,3-Trichlorobenzene	92		86		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2239676

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1668173-3 WG1668173-4								
1,2,4-Trichlorobenzene	92		86		70-130	7		30
Methyl Acetate	96		92		51-146	4		30
Cyclohexane	102		91		59-142	11		30
1,4-Dioxane	97		91		65-136	6		30
Freon-113	107		91		50-139	16		30
Methyl cyclohexane	102		92		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2239676

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01-06 Batch: WG1668320-3 WG1668320-4								
Chloroform	94		93		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
Tetrachloroethene	93		94		70-130	1		20
Chlorobenzene	91		91		75-130	0		25
1,2-Dichloroethane	82		85		70-130	4		20
Benzene	90		90		70-130	0		25
Vinyl chloride	97		95		55-140	2		20
1,1-Dichloroethene	100		98		61-145	2		25
Trichloroethene	89		92		70-130	3		25
1,4-Dichlorobenzene	88		89		70-130	1		20
2-Butanone	65		70		63-138	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		94		70-130
Toluene-d8	95		93		70-130
4-Bromofluorobenzene	88		89		70-130
dibromofluoromethane	107		107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05 Batch: WG1668430-3 WG1668430-4								
Methylene chloride	91		88		70-130	3		30
1,1-Dichloroethane	91		87		70-130	4		30
Chloroform	88		84		70-130	5		30
Carbon tetrachloride	91		87		70-130	4		30
1,2-Dichloropropane	90		87		70-130	3		30
Dibromochloromethane	82		80		70-130	2		30
1,1,2-Trichloroethane	86		82		70-130	5		30
Tetrachloroethene	94		90		70-130	4		30
Chlorobenzene	89		86		70-130	3		30
Trichlorofluoromethane	104		98		70-139	6		30
1,2-Dichloroethane	90		87		70-130	3		30
1,1,1-Trichloroethane	94		89		70-130	5		30
Bromodichloromethane	83		79		70-130	5		30
trans-1,3-Dichloropropene	87		84		70-130	4		30
cis-1,3-Dichloropropene	91		87		70-130	4		30
Bromoform	77		76		70-130	1		30
1,1,2,2-Tetrachloroethane	82		80		70-130	2		30
Benzene	90		86		70-130	5		30
Toluene	83		80		70-130	4		30
Ethylbenzene	89		86		70-130	3		30
Chloromethane	106		101		52-130	5		30
Bromomethane	101		94		57-147	7		30
Vinyl chloride	107		99		67-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05 Batch: WG1668430-3 WG1668430-4								
Chloroethane	102		97		50-151	5		30
1,1-Dichloroethene	101		95		65-135	6		30
trans-1,2-Dichloroethene	92		87		70-130	6		30
Trichloroethene	90		88		70-130	2		30
1,2-Dichlorobenzene	86		85		70-130	1		30
1,3-Dichlorobenzene	87		85		70-130	2		30
1,4-Dichlorobenzene	80		79		70-130	1		30
Methyl tert butyl ether	95		90		66-130	5		30
p/m-Xylene	89		86		70-130	3		30
o-Xylene	90		87		70-130	3		30
cis-1,2-Dichloroethene	86		82		70-130	5		30
Styrene	87		85		70-130	2		30
Dichlorodifluoromethane	117		111		30-146	5		30
Acetone	118		111		54-140	6		30
Carbon disulfide	100		95		59-130	5		30
2-Butanone	90		86		70-130	5		30
4-Methyl-2-pentanone	80		77		70-130	4		30
2-Hexanone	84		77		70-130	9		30
Bromochloromethane	90		86		70-130	5		30
1,2-Dibromoethane	87		83		70-130	5		30
1,2-Dibromo-3-chloropropane	78		76		68-130	3		30
Isopropylbenzene	88		87		70-130	1		30
1,2,3-Trichlorobenzene	87		87		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2239676

Report Date: 07/28/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05 Batch: WG1668430-3 WG1668430-4								
1,2,4-Trichlorobenzene	88		87		70-130	1		30
Methyl Acetate	93		88		51-146	6		30
Cyclohexane	99		94		59-142	5		30
1,4-Dioxane	95		89		65-136	7		30
Freon-113	102		98		50-139	4		30
Methyl cyclohexane	99		95		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	100		98		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-01
Client ID: CI1-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 14:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.3		%	0.100	NA	1	-	07/26/22 08:39	121,2540G	RI

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-02
Client ID: CI2-07252022
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/25/22 15:00
Date Received: 07/25/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.6		%	0.100	NA	1	-	07/26/22 08:39	121,2540G	RI

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-03
Client ID: CI3-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 16:30
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.0		%	0.100	NA	1	-	07/26/22 08:39	121,2540G	RI

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-04
Client ID: CI4-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 17:00
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.7		%	0.100	NA	1	-	07/26/22 08:39	121,2540G	RI

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-05
Client ID: CI5-07252022
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/25/22 17:30
Date Received: 07/25/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.4		%	0.100	NA	1	-	07/26/22 08:39	121,2540G	RI

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

SAMPLE RESULTS

Lab ID: L2239676-06
Client ID: CI6-07252022
Sample Location: LIVERPOOL, NY

Date Collected: 07/25/22 17:45
Date Received: 07/25/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	07/26/22 08:39	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2239676

Report Date: 07/28/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1667343-1 QC Sample: L2239497-01 Client ID: DUP Sample						
Solids, Total	87.4	84.4	%	3		20

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2239676
Report Date: 07/28/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2239676-01A	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2239676-01B	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-01D	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		TCLP-EXT-ZHE(14)
L2239676-01V	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-01W	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-01X	Vial MeOH preserved split	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-01Y	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-01Z	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-02A	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2239676-02B	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-02D	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		TCLP-EXT-ZHE(14)
L2239676-02V	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-02W	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-02X	Vial MeOH preserved split	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-02Y	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-02Z	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-03A	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2239676-03B	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-03D	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		TCLP-EXT-ZHE(14)
L2239676-03V	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-03W	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-03X	Vial MeOH preserved split	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-03Y	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2239676-03Z	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-04A	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2239676-04B	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-04D	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		TCLP-EXT-ZHE(14)
L2239676-04V	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-04W	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-04X	Vial MeOH preserved split	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-04Y	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-04Z	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-05A	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2239676-05B	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-05D	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		TCLP-EXT-ZHE(14)
L2239676-05V	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-05W	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-05X	Vial MeOH preserved split	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-05Y	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-05Z	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-06A	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2239676-06B	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-06D	Vial Large Septa unpreserved (4oz)	A	NA		5.2	Y	Absent		TCLP-EXT-ZHE(14)
L2239676-06V	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-06W	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		TCLP-VOA(14)
L2239676-06X	Vial MeOH preserved split	A	NA		5.2	Y	Absent		NYTCL-8260-R2(14)
L2239676-06Y	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)
L2239676-06Z	Vial Water preserved split	A	NA		5.2	Y	Absent	26-JUL-22 10:19	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2239676
Project Number:	2001642	**Report Date:**	07/28/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2239676
Project Number:	2001642	**Report Date:**	07/28/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2239676
Project Number:	2001642	**Report Date:**	07/28/22

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2239676
Project Number:	2001642	**Report Date:**	07/28/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab 07/26/22

ALPHA Job # L2239676

Client Information
Client: GET Consultants
Address: 1301 Tremont Blvd Suite #N
Phone: 607-216-8966
Fax:
Email: mmore@getconsultants.com

Project Information
Project Name: Unifirst Liverpool
Project Location: Liverpool New York
Project #: 203164.2
(Use Project name as Project #)
Project Manager: Catherine Melaragno
ALPHAQuote #:

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date:
# of Days: 3

Deliverables
ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC	TCLP VOC	Total Solids	Sample Specific Comments	Total # Bottles
L2239676-01	CI1-07252022	7/25	14:00	S	SD	X	X	X	3 days	3
-02	CI2-07252022	7/25	15:00	S	SD	X	X	X	↑	3
-03	CI3-07252022	7/25	16:30	S	SD	X	X	X	↑	3
-04	CI4-07252022	7/25	17:00	S	SD	X	X	X	↑	3
-05	CI5-07252022	7/25	17:30	S	SD	X	X	X	↑	3
-06	CI6-07252022	7/25	17:45	S	SD	X	X	X	↑	3

Container Type	A	A	P
Preservative	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	7/25/22 18:00	Secured Storage	7/25/22 18:00
Secured Storage	7/25/22 1905	Kathryn AM	7/25/22 1905
Kathryn	7/25/22 1905		7/26/22 08:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

October 14, 2022

Sent via e-mail, no hard copy to follow

Ms. Ileen Gladstone, P.E., LSP, LEED AP
Senior Vice President
GEI CONSULTANTS, INC
400 Unicorn Park Drive
Woburn, MA 01801

Re: "Contained-In" Determination Request
Soil excavated and stockpiled
UniFirst Liverpool Property
113 7th North Street, Liverpool, New York

Dear Ms. Gladstone:

The New York State Department of Environmental Conservation (NYSDEC or the Department) has reviewed your e-mail dated October 3, 2022, requesting a "contained-in" determination for approximately 400 cubic yards of soil has been excavated during the Phase 2 redevelopment of the UniFirst Corporation laundry facility at 113 7th North Street, Liverpool, New York.

Evaluation

Concentrations (Lab Sample ID: L2248272-01, L2248272-02, L2248272-03 and L2248272-04) detected for individual volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides and PCBs were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual VOCs, SVOCs, metals and PCBs were not detected above the reporting limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for tetrachloroethene, trichloroethene and cis-1,2-dichloroethene detected in the soil samples (Lab Sample ID L2248272-02, L2248272-03 and L2248272-04) were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Therefore, approximately 400 cubic yards of soil has been excavated during the Phase 2 redevelopment of the UniFirst Corporation laundry facility located in Liverpool, New York do not have to be managed as a hazardous waste and can be transported off-site to Camillus Landfill on Bell Isle

Road in Camillus, NY and/or Seneca Meadows in Seneca Falls, NY able to accept this material, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permitting Section

ec: N. Smith, DEC

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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October 14, 2022

Sent via e-mail, no hard copy to follow

Ms. Ileen Gladstone, P.E., LSP, LEED AP
Senior Vice President
GEI CONSULTANTS, INC
400 Unicorn Park Drive
Woburn, MA 01801

Re: "Contained-In" Determination Request for Concrete Demolition Associated with Phase 2 Construction
UniFirst Liverpool Property
113 7th North Street, Liverpool, New York

Dear Ms. Gladstone:

The New York State Department of Environmental Conservation (NYSDEC or the Department) has reviewed your letter dated August 10, 2022, requesting a "contained-in" determination for concrete floor slab removed during the Phase 2 redevelopment of the UniFirst Corporation laundry facility at 113 7th North Street, Liverpool, New York.

Evaluation

Concentrations (Lab Sample ID: L2239676-01, L2239676-02, L2239676-03, L2239676-04, L2239676-05 and L2239676-06) detected for individual volatile organic compounds (VOCs) were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual VOCs were not detected above the reporting limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for tetrachloroethene, trichloroethene and cis-1,2-dichloroethene detected in the soil samples (Lab Sample ID: L2239676-01, L2239676-02, L2239676-03, L2239676-04, L2239676-05 and L2239676-06) were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Therefore, approximately 800 tons of concrete demolition materials generated during the Phase 2 redevelopment of the UniFirst Corporation laundry facility located in Liverpool, New York do not have to be managed as a hazardous waste and can be transported off-site to Camillus Landfill on Bell Isle Road in Camillus, NY and/or Seneca

Meadows in Seneca Falls, NY able to accept this material, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permitting Section

ec: N. Smith, DEC

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

December 13, 2022

Sent via e-mail, no hard copy to follow

Ms. Ileen Gladstone, P.E., LSP, LEED AP
Senior Vice President
GEI CONSULTANTS, INC
400 Unicorn Park Drive
Woburn, MA 01801

Re: "Contained-In" Determination Request
Additional soil excavated and stockpiled
UniFirst Liverpool Property
113 7th North Street, Liverpool, New York

Dear Ms. Gladstone:

The New York State Department of Environmental Conservation (NYSDEC or the Department) has reviewed your e-mail dated December 4, 2022, requesting a "contained-in" determination for additional soil excavated and stockpiled at the UniFirst Liverpool facility, specifically, to install a sewer main connection.

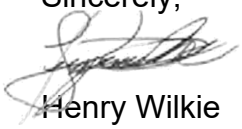
Evaluation

Concentrations (Lab Report ID: L2266529) detected for individual volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides and PCBs were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual VOCs, SVOCs, metals and PCBs were not detected above the reporting limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for tetrachloroethene, trichloroethene and cis-1,2-dichloroethene detected in the soil samples (Lab Report ID: L2266529) were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Therefore, approximately 30 cubic yards of soil has been excavated during the installation of the sewer main connection at the UniFirst Corporation laundry facility located in Liverpool, New York do not have to be managed as a hazardous waste and can be transported off-site to Camillus Landfill on Bell Isle Road in Camillus, NY and/or Seneca Meadows in Seneca Falls, NY able to accept this material, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,



Henry Wilkie
Assistant Environmental Engineer
RCRA Permitting Section

ec: N. Smith, DEC

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management
625 Broadway, 9th Floor, Albany, New York 12233-7256
P: (518) 402-8651 | F: (518) 402-9024
www.dec.ny.gov

May 18, 2023

Sent via e-mail, no hard copy to follow

Ms. Ileen Gladstone, P.E., LSP, LEED AP
Senior Vice President
GEI CONSULTANTS, INC
400 Unicorn Park Drive
Woburn, MA 01801

Re: "Contained-In" Determination Request
Upcoming Site Redevelopment Activities
UniFirst Liverpool Property
113 7th North Street, Liverpool, New York

Dear Ms. Gladstone:

The New York State Department of Environmental Conservation (NYSDEC or the Department) has reviewed your e-mail dated May 16, 2023, requesting a "contained-in" determination for upcoming site redevelopment activities at the UniFirst Liverpool facility, specifically, excavations 3 feet deep or less (depending on location) for pavement subgrade, constructing a stormwater retention basin, and installing drainage piping (see attached **Figure 1**).

Evaluation

Concentrations (Lab Report ID: L2026478, L2317089 and L2326021) detected for individual volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides and PCBs were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Most of the individual VOCs, SVOCs, metals and PCBs were not detected above the reporting limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for tetrachloroethene, trichloroethene and cis-1,2-dichloroethene detected in the soil samples (Lab Report ID: L2026478 and L2326021) were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations. Therefore, approximately 2500 cubic yards of excess soil will be generated as part of the site redevelopment activities in the southern portion (stormwater retention pond, parking/loading area, underdrain piping) inside the orange

area shown and described in the legend in the attached **Figure 1** at the UniFirst Corporation laundry facility located in Liverpool, New York do not have to be managed as a hazardous waste and can be transported off-site to Camillus Landfill on Bell Isle Road in Camillus, NY and/or Seneca Meadows in Seneca Falls, NY able to accept this material, for disposal as non-hazardous waste.

During the soil excavation, if GEI Consultants may encounter stain, discoloration or exhibits odors suggesting contamination, such material shall be separated from the excavated material and should be properly stockpiled and analyzed as per the approved work plan, and depending on the results, GEI Consultant may request a "Contained-In" determination for this material.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Assistant Environmental Engineer
RCRA Permitting Section

Enclosure: Figures 1 - Site Work Area Waste Characterization Locations

ec: N. Smith, DEC

AREA SUBJECT TO CONTAINED-IN REQUEST:
ADDITIONAL EXCAVATION RELATED TO SITE WORK IN SOUTHERN PORTION OF CONSTRUCTION ZONE (STORMWATER RETENTION POND, PARKING/LOADING AREA, UNDERDRAINS)

LUTHER AVENUE

KNAPP STREET

OLD 7TH NORTH STREET

NORTH PARKING

NEW WASTEWATER PIT

PHASE 1 BUILDING

PHASE 2 BUILDING

UNIFIRST BUILDING

PHASE 1

PHASE 2

LOADING AREA

EXISTING WASTEWATER PIT

WEST PARKING

EAST PARKING

PROPOSED ELEVATOR PIT

ESTIMATED SITE BOUNDARY

1.390± Acres
60560 Sq. Feet

WC1 WC2 WC3 WC4 WC5 WC6 WC7 WC8 WC9 WC10 WC11 WC12

Former UniFirst Facility Building (grey-colored shade)

LEGEND:

- WASTE CHARACTERIZATION SAMPLE LOCATION SUBJECT TO THIS REQUEST
- TEST PIT
- MONITORING WELL
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- SOIL BORING
- GEOTECHNICAL BORING BY OTHERS
- SOIL VAPOR SAMPLE
- SUB-SLAB SOIL GAS MONITORING POINT
- PROPOSED BUILDING (PARTIALLY CONSTRUCTED)
- PRE-EXISTING BUILDING
- PROPERTY BOUNDARY
- ESTIMATED SITE BOUNDARY

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

0 50 100

SCALE: 1" = 50'

113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

Project 2001642

Figure 1. Site Work Area Waste Characterization Locations

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\RRIWP 2022\2001642-10.dwg - 1/26/2022

D.3. Imported Fill Approvals

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 1500

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 10 sieve? no

Does it contain less than 10%, by weight, material that would pass a size 100 sieve? Yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Type 2 crushed limestone (bedrock) from DOT-approved source at T.H. Kinsella, Inc. in Jamesville NY (identified as Fayetteville in DOT database).

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Sieve analysis attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

T.H. Kinsella, Inc. (owner)

Location where fill was obtained:

Jamesville NY quarry

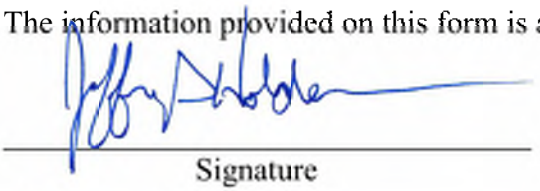
Identification of any state or local approvals as a fill source:

NYSDOT-approved bedrock source (3- 13RFM)

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.



Signature

12/2/2022

Date

Jeffrey Holden

Print Name

GEI Consultants. Inc.

Firm

PW Laboratories, Inc.
6544 Fremont Road - East Syracuse, New York 13057
Office 315.437.1420 ~ Fax 315.503-3058 ~ pwlabsinc@hotmail.com

Sieve Analysis of Soil / Aggregate

Project Title: Laboratory Testing

Project #: L-22019
Test Method: ASTM C117 & C136

Report #: 2
Report Date: May 3, 2022

Source: T.H. Kinsella, Inc. - Jamesville, NY		Sieve Size - Percent Passing Sieve														
Lab I.D. #	**Sample I.D.**	**2"**	**1 1/2"**	**1"**	**3/4"**	**1/2"**	**3/8"**	**1/4"**	**#4**	**#10**	**#30**	**#40**	**#60**	**#100**	**#200**	
42421	Type 2 Crushed Limestone	100	100	98.1	86.8	67.3	57.5	40.0	31.1	17.3	11.3	9.8	8.3	7.2	6.1	
	NYSDOT Specifications Table 733-04A Type 2	**100**	-	-	-	-	-	**25-60**	-	-	-	**5-40**	-	-	**0-10**	

Sample mass, as received, meets minimum mass requirements of test method: **Yes** X **No** _____

Performed By: Mark Santorelli **Checked By:** Patrick Edmiston

Remarks:

Prewashed

Entire Sample **X**

Mass Retained on #200 Only _____

Not Prewashed: _____

Moore, Wendy

From: Belveg, Michael J (DEC) <michael.belveg@dec.ny.gov>
Sent: Monday, December 5, 2022 10:39 AM
To: Holden, Jeffrey
Cc: Moore, Wendy; Gladstone, Ileen
Subject: [EXT] RE: UniFirst Liverpool Site, request to import crushed limestone

EXTERNAL EMAIL

Hi Jeff,

Thank you for the information. The material presented can be imported to the site.

Thanks,
Mike

From: Holden, Jeffrey <JHolden@geiconsultants.com>
Sent: Friday, December 2, 2022 3:46 PM
To: Belveg, Michael J (DEC) <michael.belveg@dec.ny.gov>
Cc: Moore, Wendy <wmoore@geiconsultants.com>; Gladstone, Ileen <IGladstone@geiconsultants.com>
Subject: UniFirst Liverpool Site, request to import crushed limestone

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Mike-

As we discussed earlier this week, the contractor for the UniFirst facility expansion project intends to use crushed limestone for fill around foundation supports and beneath the paved parking area. The estimated total volume is approximately 1500 CY. Under the prior DEC guidance, the material did not meet sieve requirements triggering sampling and the material is not used for site remediation purposes… just for construction purposes. In any case, we confirmed the source is a DOT-approved location and we have included sieve data. Based on this, can you provide approval for use at the site? Otherwise, please let us know what additional information would be needed.

Note that the DEC form did not allow a "yes" entry in the question regarding the #100 sieve size, so we added that manually.

Thanks,
-Jeff

GEI
JEFF HOLDEN, PE (NY, CT, MA), LSP (MA), LEP (CT)
Sr. Engineer
607.216.8956 cell: 607.220.3205
1301 Trumansburg Road, Suite N, Ithaca, NY 14850

Moore, Wendy

From: Belveg, Michael J (DEC) <michael.belveg@dec.ny.gov>
Sent: Friday, December 16, 2022 10:46 AM
To: Holden, Jeffrey
Cc: Moore, Wendy; Gladstone, Ileen
Subject: [EXT] RE: UniFirst Liverpool Site, requests to import coarse stone fill

EXTERNAL EMAIL

Hi Jeff,

Thank you for the information. The material presented can be imported to the site.

Thanks,
Michael Belveg
Assistant Engineer (Environmental), Division of Environmental Remediation

New York State Department of Environmental Conservation
615 Erie Boulevard West, Syracuse, NY 13204
P: (315) 426-7446 | F: (315) 426-7408 | Michael.Belveg@dec.ny.gov
www.dec.ny.gov |

From: Holden, Jeffrey <JHolden@geiconsultants.com>
Sent: Wednesday, December 14, 2022 10:55 AM
To: Belveg, Michael J (DEC) <michael.belveg@dec.ny.gov>
Cc: Moore, Wendy <wmoore@geiconsultants.com>; Gladstone, Ileen <IGladstone@geiconsultants.com>
Subject: UniFirst Liverpool Site, requests to import coarse stone fill

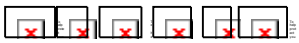
ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Mike-

Attached are two requests for import of coarse stone to be used by the contractor as part of the UniFirst facility expansion project. This includes Type 1A stone (~1000 CY) and Type 2 stone (~500 cy). These are coarse materials that do not meet sieve requirements triggering chemical analysis (sieve results are attached to each request), and they are from a DOT-approved location. Based on this, can you provide approval for use at the site?

Thanks,
-Jeff

GEI
JEFF HOLDEN, PE (NY, CT, MA), LSP (MA), LEP (CT)
Sr. Engineer
607.216.8956 cell: 607.220.3205
1301 Trumansburg Road, Suite N, Ithaca, NY 14850



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 800-1000

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 10 sieve? yes

Does it contain less than 10%, by weight, material that would pass a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

#1A Stone from DOT-approved source at T.H. Kinsella, Inc. in Jamesville NY (identified as Fayetteville in DOT database).

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Sieve analysis attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

T.H. Kinsella, Inc. (owner)

Location where fill was obtained:

Jamesville NY quarry

Identification of any state or local approvals as a fill source:

NYSDOT-approved bedrock source (3- 13RFM)

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

	12/14/2022
Signature	Date
Jeffrey Holden	
Print Name	
GEI Consultants, Inc.	
Firm	

PW Laboratories, Inc.
6544 Fremont Road - East Syracuse, New York 13057
Office 315.437.1420 ~ Fax 315.503-3058~ pwlabsinc@hotmail.com

Sieve Analysis of Soil / Aggregate

Project Title: Laboratory Testing

Project #: L-22019
Test Method: ASTM C117 & C136

Report #: 2
Report Date: May 3, 2022

Source: T.H. Kinsella, Inc. - Jamesville, NY		Sieve Size - Percent Passing Sieve														
Lab I.D. #	**Sample I.D.**	**2"**	**1 1/2"**	**1"**	**3/4"**	**1/2"**	**3/8"**	**1/4"**	**#4**	**#10**	**#30**	**#40**	**#60**	**#100**	**#200**	
42421	Type 2 Crushed Limestone	100	100	98.1	86.8	67.3	57.5	40.0	31.1	17.3	11.3	9.8	8.3	7.2	6.1	
	NYSDOT Specifications Table 733-04A Type 2	**100**	-	-	-	-	-	**25-60**	-	-	-	**5-40**	-	-	**0-10**	

Sample mass, as received, meets minimum mass requirements of test method: **Yes** X **No** _____

Performed By: Mark Santorelli **Checked By:** Patrick Edmiston

Remarks:

Prewashed

Entire Sample **X**

Mass Retained on #200 Only _____

Not Prewashed: _____

PW Laboratories, Inc.
6544 Fremont Road - East Syracuse, New York 13057
Office 315.437.1420 ~ Fax 315.503-3058 ~ pwlabsinc@hotmail.com

Sieve Analysis of Soil / Aggregate

Project Title: Laboratory Testing

Project #: L-22019
Test Method: ASTM C117 & C136

Report #: 3
Report Date: May 3, 2022

Source:	T.H. Kinsella, Inc. - Jamesville, NY	Sieve Size - Percent Passing Sieve														
Lab I.D. #	**Sample I.D.**	**1/2"**	**3/8"**	**1/4"**	**#4**	**1/8"**	**#10**	**#30**	**#40**	**#60**	**#100**	**#200**				
42422	#1A Stone	100	100	93.9	38.6	6.3	1.7	1.5	1.4	1.4	1.4	1.3				
	NYSDOT Specifications Item #703-4 #1A Size	**100**	**-**	**90-100**	**-**	**0-15**	**-**	**-**	**-**	**-**	**-**	**0-1.0 (1)**				

(1) The minus 200 material requirements apply only to aggregate for use in Portland cement concrete surface treatments and cold mix bituminous pavements. The test (NYSDOT 201) will be performed on the entire sample of the designated size aggregate. Primary size does not apply in the determination of the minus #200 material.

Sample mass, as received, meets minimum mass requirements of test method: **Yes** X **No** _____

Prewashed

Performed By: Mark Santorelli **Checked By:** Patrick Edmiston

Entire Sample **X**

Remarks:

Mass Retained on #200 Only _____

Not Prewashed: _____

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 400-500

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that would pass a size 10 sieve? yes

Does it contain less than 10%, by weight, material that would pass a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

#2 Stone from DOT-approved source at T.H. Kinsella, Inc. in Jamesville NY (identified as Fayetteville in DOT database).

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Sieve analysis attached.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

T.H. Kinsella, Inc. (owner)

Location where fill was obtained:

Jamesville NY quarry

Identification of any state or local approvals as a fill source:

NYSDOT-approved bedrock source (3- 13RFM)

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

	12/14/2022
Signature	Date
Jeffrey Holden	
Print Name	
GEI Consultants, Inc.	
Firm	

PW Laboratories, Inc.
6544 Fremont Road - East Syracuse, New York 13057
Office 315.437.1420 ~ Fax 315.503-3058 ~ pwlabsinc@hotmail.com

Sieve Analysis of Soil / Aggregate

Project Title: Laboratory Testing

Project #: L-22019
Test Method: ASTM C117 & C136

Report #: 5
Report Date: May 3, 2022

Source:	T.H. Kinsella, Inc. - Jamesville, NY	Sieve Size - Percent Passing Sieve														
Lab I.D. #	**Sample I.D.**	**1 1/2"**	**1"**	**3/4"**	**1/2"**	**3/8"**	**1/4"**	**#4**	**#8**	**#30**	**#40**	**#60**	**#100**	**#200**		
42424	#2 Stone	100	97.3	67.1	5.4	1.2	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.5		
	NYSDOT Specifications Item #703-4 #2 Size	**100**	**90-100**	**-**	**0-15**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0-1.0 *(1)***		

(1) *The minus 200 material requirements apply only to aggregate for use in Portland cement concrete surface treatments and cold mix bituminous pavements. The test (NYSDOT 201) will be performed on the entire sample of the designated size aggregate. Primary size does not apply in the determination of the minus #200 material.*

Sample mass, as received, meets minimum mass requirements of test method: **Yes** X **No** _____ **Prewashed**

Performed By: Mark Santorelli **Checked By:** Patrick Edmiston *Entire Sample* **X**

Remarks: *Mass Retained on #200 Only* _____

Not Prewashed: _____

Moore, Wendy

From: Belveg, Michael J (DEC) <michael.belveg@dec.ny.gov>
Sent: Thursday, July 20, 2023 3:48 PM
To: Moore, Wendy
Cc: Holden, Jeffrey; Catherine Malagrida
Subject: [EXT] RE: C734152 - UniFirst Liverpool request to import topsoil

EXTERNAL EMAIL

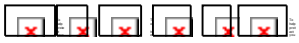
Approved, thank you.

From: Moore, Wendy <wmoore@geiconsultants.com>
Sent: Thursday, July 20, 2023 3:40 PM
To: Belveg, Michael J (DEC) <michael.belveg@dec.ny.gov>
Cc: Holden, Jeffrey <JHolden@geiconsultants.com>; Catherine Malagrida <Catherine_Malagrida@unifirst.com>
Subject: C734152 - UniFirst Liverpool request to import topsoil

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hello Mike – attached is the request to import topsoil that I mentioned on our call today. Please let us know if you have any questions.
Thanks
Wendy

GEI
WENDY L. MOORE, P.E., Professional Engineer, New York
Environmental Project Engineer
607.216.8966 cell: 315.751.2835
1301 Trumansburg Road, Suite N, Ithaca, NY 14850



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 200-300

If greater than 1000 cubic yards will be imported, enter volume to be imported: N/A

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 10 sieve? no

Does it contain less than 10%, by weight, material that would pass a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

One composite sample was collected and analyzed for herbicides, pesticides, PFAS, PCBs, SVOCs, and total metals. Four grab samples were collected and analyzed for VOCs.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

There were no exceedances detected in any of the samples tested.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Kinsella Quarries

Location where fill was obtained:

8086 E. Genesee Street, Fayetteville, NY 13066

Identification of any state or local approvals as a fill source:

GSN02300 : KINSELLA (QUARRY), TOWNSEND RD. - NYS Department of Transportation approval

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Manufactured commercial-grade topsoil: manufactured by blending sandy loam with screened material from on-site mine.

Provide a list of supporting documentation included with this request:

Table comparing data to I/C SCOs
Chemical analytical data package
Grain size analysis results

The information provided on this form is accurate and complete.

	7/20/23
Signature	Date
Wendy L. Moore	
Print Name	
GEI Consultants	
Firm	

Table 1. Soil Import Data - DER10 Commerical/Industrial
103 Luther Avenue Liverpool NY
Unifirst Liverpool

LOCATION				TOPSOIL 6.19.23		TOPSOIL 6.19.23-VOC1		TOPSOIL 6.19.23-VOC2		TOPSOIL 6.19.23-VOC3		TOPSOIL 6.19.23-VOC4	
SAMPLING DATE				6/19/2023		6/19/2023		6/19/2023		6/19/2023		6/19/2023	
LAB SAMPLE ID				L2335001-01		L2335001-02		L2335001-03		L2335001-04		L2335001-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	CasNum	C/I SCOs	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Chlorinated Herbicides by GC													
2,4-D	94-75-7	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2,4,5-T	93-76-5	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2,4,5-TP (Silvex)	93-72-1	3.8	mg/kg	0.18	U	-	-	-	-	-	-	-	-
General Chemistry													
Solids, Total	NONE	--	%	90		83.2		85.8		86.3		86.9	
Organochlorine Pesticides by GC													
Delta-BHC	319-86-8	0.25	mg/kg	0.00174	U	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	0.000724	U	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	0.000724	U	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	0.00174	U	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	0.000869	U	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	0.00174	U	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	--	mg/kg	0.00326	U	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	0.000724	U	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	--	mg/kg	0.00217	U	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	--	mg/kg	0.00174	U	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	0.00108	U	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	0.00324		-	-	-	-	-	-	-	-
4,4'-DDD	72-54-8	14	mg/kg	0.00174	U	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	47	mg/kg	0.00174	U	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	0.00174	U	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	0.00174	U	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	200	mg/kg	0.000724	U	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	--	mg/kg	0.00326	U	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	--	mg/kg	0.0326	U	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00217	U	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	--	mg/kg	0.00217	U	-	-	-	-	-	-	-	-
Chlordane	57-74-9	--	mg/kg	0.0145	U	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633													
Perfluorobutanoic Acid (PFBA)	375-22-4	--	mg/kg	0.000068	J	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	--	mg/kg	0.000061	J	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	--	mg/kg	0.000756	U	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	--	mg/kg	0.000068	J	-	-	-	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	--	mg/kg	0.00003	J	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.5/0.6	mg/kg	0.000068	J	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	--	mg/kg	0.000756	U	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.44	mg/kg	0.000151	J	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	--	mg/kg	0.000756	U	-	-	-	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220
www.alphalab.com

Table 1. Soil Import Data - DER10 Commerical/Industrial
103 Luther Avenue Liverpool NY
Unifirst Liverpool

LOCATION				TOPSOIL 6.19.23		TOPSOIL 6.19.23-VOC1		TOPSOIL 6.19.23-VOC2		TOPSOIL 6.19.23-VOC3		TOPSOIL 6.19.23-VOC4	
SAMPLING DATE				6/19/2023		6/19/2023		6/19/2023		6/19/2023		6/19/2023	
LAB SAMPLE ID				L2335001-01		L2335001-02		L2335001-03		L2335001-04		L2335001-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	CasNum	C/I SCOs	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Perfluorododecanoic Acid (PFDoA)	307-55-1	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	--	mg/kg	0.000756	U	-	-	-	-	-	-	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	--	mg/kg	0.000756	U	-	-	-	-	-	-	-	-
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	756426-58-1	--	mg/kg	0.000756	U	-	-	-	-	-	-	-	-
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	763051-92-9	--	mg/kg	0.000756	U	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	--	mg/kg	0.000189	U	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	24448-09-7	--	mg/kg	0.00189	U	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1691-99-2	--	mg/kg	0.00189	U	-	-	-	-	-	-	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1	--	mg/kg	0.000378	U	-	-	-	-	-	-	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5	--	mg/kg	0.000378	U	-	-	-	-	-	-	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7	--	mg/kg	0.000378	U	-	-	-	-	-	-	-	-
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6	--	mg/kg	0.000378	U	-	-	-	-	-	-	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5	--	mg/kg	0.000945	U	-	-	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3	--	mg/kg	0.00472	U	-	-	-	-	-	-	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4	--	mg/kg	0.00472	U	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC													
Aroclor 1016	12674-11-2	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	1	mg/kg	0.0539	U	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS													
Acenaphthene	83-32-9	98	mg/kg	0.031	J	-	-	-	-	-	-	-	-
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	-	-	-	-	-	-	-	-
Bis(2-chloroethyl)ether	111-44-4	--	mg/kg	0.16	U	-	-	-	-	-	-	-	-
2-Chloronaphthalene	91-58-7	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	91-94-1	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	121-14-2	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	606-20-2	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Fluoranthene	206-44-0	500	mg/kg	0.17		-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	7005-72-3	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	101-55-3	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	108-60-1	--	mg/kg	0.22	U	-	-	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	111-91-1	--	mg/kg	0.2	U	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	77-47-4	--	mg/kg	0.53	U	-	-	-	-	-	-	-	-
Hexachloroethane	67-72-1	--	mg/kg	0.15	U	-	-	-	-	-	-	-	-
Isophorone	78-59-1	--	mg/kg	0.16	U	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	0.064	J	-	-	-	-	-	-	-	-
Nitrobenzene	98-95-3	--	mg/kg	0.16	U	-	-	-	-	-	-	-	-
NDPA/DPA	86-30-6	--	mg/kg	0.15	U	-	-	-	-	-	-	-	-
n-Nitrosodi-n-propylamine	621-64-7	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-

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103 Luther Avenue Liverpool NY
Unifirst Liverpool

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SAMPLING DATE				6/19/2023		6/19/2023		6/19/2023		6/19/2023		6/19/2023	
LAB SAMPLE ID				L2335001-01		L2335001-02		L2335001-03		L2335001-04		L2335001-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	CasNum	C/I SCOs	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Bis(2-ethylhexyl)phthalate	117-81-7	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Butyl benzyl phthalate	85-68-7	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Di-n-butylphthalate	84-74-2	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Di-n-octylphthalate	117-84-0	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Diethyl phthalate	84-66-2	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Dimethyl phthalate	131-11-3	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Benzo(a)anthracene	56-55-3	1	mg/kg	0.14		-	-	-	-	-	-	-	-
Benzo(a)pyrene	50-32-8	1	mg/kg	0.19		-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	0.28		-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.099	J	-	-	-	-	-	-	-	-
Chrysene	218-01-9	1	mg/kg	0.16		-	-	-	-	-	-	-	-
Acenaphthylene	208-96-8	107	mg/kg	0.14	J	-	-	-	-	-	-	-	-
Anthracene	120-12-7	500	mg/kg	0.045	J	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	191-24-2	500	mg/kg	0.23		-	-	-	-	-	-	-	-
Fluorene	86-73-7	386	mg/kg	0.024	J	-	-	-	-	-	-	-	-
Phenanthrene	85-01-8	500	mg/kg	0.075	J	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	0.56	mg/kg	0.028	J	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	mg/kg	0.16		-	-	-	-	-	-	-	-
Pyrene	129-00-0	500	mg/kg	0.16		-	-	-	-	-	-	-	-
Biphenyl	92-52-4	--	mg/kg	0.42	U	-	-	-	-	-	-	-	-
4-Chloroaniline	106-47-8	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2-Nitroaniline	88-74-4	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
3-Nitroaniline	99-09-2	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
4-Nitroaniline	100-01-6	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Dibenzofuran	132-64-9	210	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2-Methylnaphthalene	91-57-6	--	mg/kg	0.22	U	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Acetophenone	98-86-2	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	88-06-2	--	mg/kg	0.11	U	-	-	-	-	-	-	-	-
p-Chloro-m-cresol	59-50-7	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2-Chlorophenol	95-57-8	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	120-83-2	--	mg/kg	0.16	U	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	105-67-9	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2-Nitrophenol	88-75-5	--	mg/kg	0.4	U	-	-	-	-	-	-	-	-
4-Nitrophenol	100-02-7	--	mg/kg	0.26	U	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	51-28-5	--	mg/kg	0.88	U	-	-	-	-	-	-	-	-
4,6-Dinitro-o-cresol	534-52-1	--	mg/kg	0.48	U	-	-	-	-	-	-	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	-	-	-	-	-	-	-	-
Phenol	108-95-2	0.33	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	-	-	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.26	U	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	95-95-4	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Carbazole	86-74-8	--	mg/kg	0.019	J	-	-	-	-	-	-	-	-
Atrazine	1912-24-9	--	mg/kg	0.15	U	-	-	-	-	-	-	-	-
Benzaldehyde	100-52-7	--	mg/kg	0.24	U	-	-	-	-	-	-	-	-
Caprolactam	105-60-2	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	--	mg/kg	0.18	U	-	-	-	-	-	-	-	-
Total Metals													
Aluminum, Total	7429-90-5	--	mg/kg	5380		-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0	--	mg/kg	4.36	U	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	5.35		-	-	-	-	-	-	-	-

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SAMPLING DATE				6/19/2023		6/19/2023		6/19/2023		6/19/2023		6/19/2023	
LAB SAMPLE ID				L2335001-01		L2335001-02		L2335001-03		L2335001-04		L2335001-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	CasNum	C/I SCOs	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Barium, Total	7440-39-3	400	mg/kg	71.1		-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	0.284	J	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	0.351	J	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2	--	mg/kg	94600		-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	--	mg/kg	10.4		-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4	--	mg/kg	5.5		-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	270	mg/kg	17		-	-	-	-	-	-	-	-
Iron, Total	7439-89-6	--	mg/kg	10800		-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	14.3		-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4	--	mg/kg	28800		-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	340		-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	0.087	U	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	13.2		-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7	--	mg/kg	664		-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	0.719	J	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	0.436	U	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5	--	mg/kg	123	J	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0	--	mg/kg	1.74	U	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2	--	mg/kg	11.7		-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	61.1		-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035													
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.0073	U	0.0063	U	0.0078	U	0.0067	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0022	U	0.0019	U	0.0024	U	0.002	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
1,2-Dichloropropane	78-87-5	--	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
Dibromochloromethane	124-48-1	--	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
1,1,2-Trichloroethane	79-00-5	--	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.00073	U	0.00063	U	0.00078	U	0.00067	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.00073	U	0.00063	U	0.00078	U	0.00067	U
Trichlorofluoromethane	75-69-4	--	mg/kg	-	-	0.0059	U	0.0051	U	0.0063	U	0.0053	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.00073	U	0.00063	U	0.00078	U	0.00067	U
Bromodichloromethane	75-27-4	--	mg/kg	-	-	0.00073	U	0.00063	U	0.00078	U	0.00067	U
trans-1,3-Dichloropropene	10061-02-6	--	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
cis-1,3-Dichloropropene	10061-01-5	--	mg/kg	-	-	0.00073	U	0.00063	U	0.00078	U	0.00067	U
Bromoform	75-25-2	--	mg/kg	-	-	0.0059	U	0.0051	U	0.0063	U	0.0053	U
1,1,2,2-Tetrachloroethane	79-34-5	--	mg/kg	-	-	0.00073	U	0.00063	U	0.00078	U	0.00067	U
Benzene	71-43-2	0.06	mg/kg	-	-	0.00073	U	0.00063	U	0.00078	U	0.00067	U
Toluene	108-88-3	0.7	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
Chloromethane	74-87-3	--	mg/kg	-	-	0.0059	U	0.0051	U	0.0063	U	0.0053	U
Bromomethane	74-83-9	--	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
Chloroethane	75-00-3	--	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0022	U	0.0019	U	0.0024	U	0.002	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.00073	U	0.00063	U	0.00078	U	0.00067	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U

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LAB SAMPLE ID				L2335001-01		L2335001-02		L2335001-03		L2335001-04		L2335001-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)													
	CasNum	C/I SCOs	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
p/m-Xylene	179601-23-1	--	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
o-Xylene	95-47-6	--	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
Styrene	100-42-5	--	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
Dichlorodifluoromethane	75-71-8	--	mg/kg	-	-	0.015	U	0.013	U	0.016	U	0.013	U
Acetone	67-64-1	0.05	mg/kg	-	-	0.015	U	0.013	U	0.016	U	0.013	U
Carbon disulfide	75-15-0	--	mg/kg	-	-	0.015	U	0.013	U	0.016	U	0.013	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.015	U	0.013	U	0.016	U	0.013	U
4-Methyl-2-pentanone	108-10-1	--	mg/kg	-	-	0.015	U	0.013	U	0.016	U	0.013	U
2-Hexanone	591-78-6	--	mg/kg	-	-	0.015	U	0.013	U	0.016	U	0.013	U
Bromochloromethane	74-97-5	--	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
1,2-Dibromoethane	106-93-4	--	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
1,2-Dibromo-3-chloropropane	96-12-8	--	mg/kg	-	-	0.0044	U	0.0038	U	0.0047	U	0.004	U
Isopropylbenzene	98-82-8	--	mg/kg	-	-	0.0015	U	0.0013	U	0.0016	U	0.0013	U
1,2,3-Trichlorobenzene	87-61-6	--	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
1,2,4-Trichlorobenzene	120-82-1	--	mg/kg	-	-	0.0029	U	0.0025	U	0.0031	U	0.0027	U
Methyl Acetate	79-20-9	--	mg/kg	-	-	0.0059	U	0.0051	U	0.0063	U	0.0053	U
Cyclohexane	110-82-7	--	mg/kg	-	-	0.015	U	0.013	U	0.016	U	0.013	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.12	U	0.1	U	0.12	U	0.11	U
Freon-113	76-13-1	--	mg/kg	-	-	0.0059	U	0.0051	U	0.0063	U	0.0053	U
Methyl cyclohexane	108-87-2	--	mg/kg	-	-	0.0059	U	0.0051	U	0.0063	U	0.0053	U

Note:
C/I SCOs: New York DER-10 Commercial or Industrial Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010.

Alpha Analytical Labs provides this custom reporting format as a convenience to our clients. As such, we cannot be held liable for errors or omissions associated with the regulatory standards listed above and/or the sample results highlighted by comparison with the standards

New York DER-10 Commercial or Industrial Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010.

Only compounds detected with reporting limits that exceed

the corresponding regulatory standard in at least one sample are included on the summary sheets.
Refer to the laboratory report in Adobe Acrobat (.PDF) format to check results or read any associated project narrative that may be present. In all cases, the signed, hardcopy Alpha Analytical Labs laboratory report is the

official document for reporting laboratory results.

Qualifier Key

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
I - The lower value for the two columns has been reported due to obvious interference.
G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
RE - Analytical results are from sample re-extraction.
R - Analytical results are from sample re-analysis.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
P - The RPD between the results for the two columns exceeds the method-specified criteria.
U - Not detected at the reported detection limit for the sample.
M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
S - Analytical results are from modified screening analysis.
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Appendix E CAMP Field Data Sheets and Weekly Reports

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/3/2022	General Weather Conditions
System Start Time	1000	
System Stop Time	2359	
Total Hours Monitored	14	General Description of Site Activities:
		Arrival: 1045, Departure: 1530
System Calibrations	YES	
(Time/Status)	11:30:00 AM	

System Alarm Log

Time	Alarm Level (P, V)	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min. avg.	Dust/TVOC/Odor 15-min avg conc. range	Total # of Alarms	[TVOC] Instant.	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Wendy Moore
Date: 10/3/2022

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GEI Consultants

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations	
Sampling Date	10/4/2022
System Start Time	0000
System Stop Time	2359
Total Hours Monitored	24
System Calibrations	YES
(Time/Status)	1330

General Observations

General Weather Conditions

Clear Skies, Low 70's

General Description of Site Activities:

Arrival: 1300, Departure: 1600
Calibrate all PID's Site familiarization, No site work performed by contractor

System Alarm Log

Time	Alarm Level (P, V)	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min. avg.	Dust/TVOC/Odor 15-min avg conc. range	Total # of Alarms	[TVOC] Instant.	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/4/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/5/2022	General Weather Conditions
System Start Time	0000	Clear Skies, high 70's
System Stop Time	2359	
Total Hours Monitored	24	General Description of Site Activities:
		Arrival: 0630 Departure: 1600
System Calibrations	YES	Dewatering excavations, mucking out bottom of excavation,and placing new stone
(Time/Status)	0630	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
	102	VOC	CW	5.24	1	Semi truck idling at Pilot station next door within 15 ft of AIR-102 and loader idling within 30 feet of station. No intrusive work in area	0930

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/5/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/6/2022	General Weather Conditions
System Start Time	0000	Clear skies 45°-76°
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Arrival: 0630, Departure: 1600
System Calibrations	YES	Dewatering escavations on the north end of the site, building footer forms at north end of site
(Time/Status)	0630	

System Alarm Log

Time		Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)		Dust/TVOC/Odor 15-min avg conc. range	Total # of Alarms		Notes	Site Person/Time Notified

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/6/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/7/2022	General Weather Conditions
System Start Time	0000	Overcast 45°-60°
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Arrival: 0630, Departure: 1330
System Calibrations	YES	Dewatering excavations, forming footers, energizing decon trailer
(Time/Status)	0630	

System Alarm Log

Time	Alarm Level (P, V)	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min. avg.	Dust/TVOC/Odor 15-min avg conc. range	Total # of Alarms	[TVOC] Instant.	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/7/2022

Page 1 of __1__

GEI Consultants

1301 Trumansburg Road
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Ithaca, NY 14850

Phone: (860) 368-5300
Fax: (860) 368-5307

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Tim Cosgrave and Cat Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: October 14, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
October 2, 2022 through October 8, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103), are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measured fifteen-minute average concentrations of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period. There was one measured exceedances of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period, as summarized below.

Monitored Site Construction Activities

After a period of temporary work suspension, the construction contractor remobilized to the Site starting on October 3, 2022.

During this reporting period, site activities were performed on October 3, 5, 6, and 7, 2022 and included:

- Redeployment of CAMP equipment (October 3, 2022)
- Mobilization of equipment to all areas of the site throughout the week

- Dewatering of existing excavations on north end of site throughout the week
- Excavating (cleaning out) bottoms of existing excavations on north end of site and placing new stone into bottoms (October 5, 2022)
- Building footer forms at the north end of the site (October 6 and 7, 2022)

Air Monitoring Activities and Summary

The three solar-powered, GEI-owned air monitoring stations (AIR-101, AIR-102, and AIR-103) were redeployed on October 3, including cleaning and recalibration of each station. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}. Real-time monitoring for TVOC and PM_{10} was performed at the three air monitoring stations thereafter.

TVOCs were measured above the Action Limit of 5.0 ppm during this monitoring period on one occasion. Between 0900 and 0915 on October 5, 2022, VOCs were measured at AIR-102 above Action Limit. During this time, a loader was idling adjacent to the monitoring station, and tractor trailer trucks were idling to the east/southeast at the Pilot truck stop. Site work was occurring on the northern end of the site at the time, approximately 350 feet northwest of AIR-102. Wind was approximately 3.5 mph out of the west during the exceedance. The idling loader was moved out of the area of AIR-102 and VOC concentrations returned to normal levels.

Table 1 provides a daily summary of maximum fifteen-minute average air concentrations. Typically, figures are included that summarize weather data collected by the Site's meteorological station that is co-located at AIR-101 (Vaisala® WXT-530). However, the station data could not be downloaded due to a connection issue. We anticipate that the data will be provided under an addendum once available.

If you have any questions regarding the information in this report, please contact me.

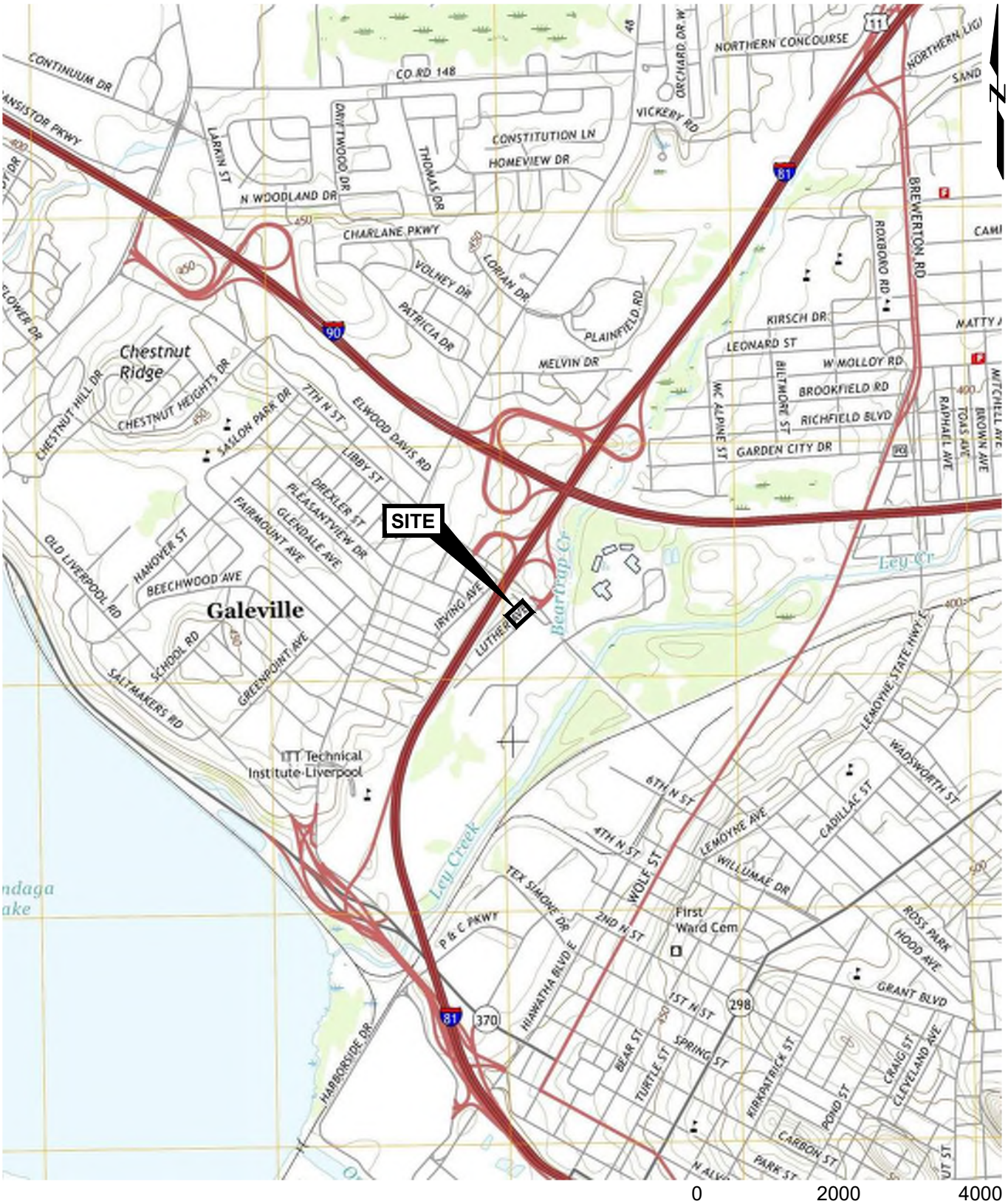
References

NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)

Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Uniform Services
Liverpool, NY

	TVOC (ppmv)			PM_{10} (ug/m^3)		
Alert Limit	3.7			100		
Action Limit	5.0			150		
Stop Work Limit	25.0			-		
Date	**AIR-101**	**AIR-102**	**AIR-103**	**AIR-101**	**AIR-102**	**AIR-103**
Mon 10/3/2022	1.8	0.1	0.7	8	5	5
Tue 10/4/2022	0.0	0.0	0.0	9	10	10
Wed 10/5/2022	0.1	5.2	0.1	8	35	9
Thu 10/6/2022	0.2	0.5	0.0	13	15	13
Fri 10/7/2022	0.0	1.5	0.0	16	12	12

Notes:
ug/m^3 = micrograms per cubic meter
ppmv = parts per million by volume
TVOC = total volatile organic compounds
PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter



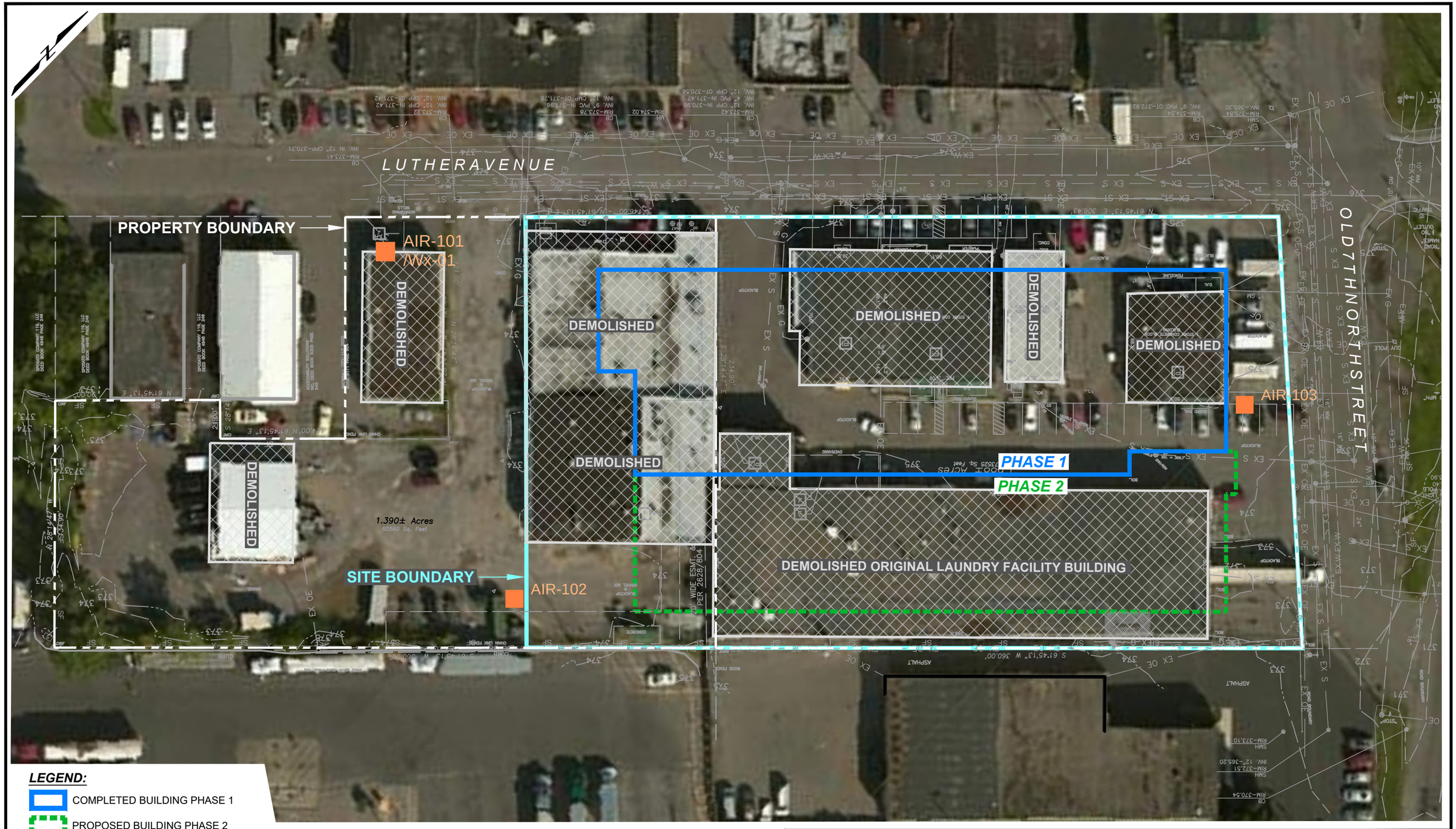
SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

0 2000 4000

SCALE: 1" = 2000'

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	August 2022 / Fig. 1

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LEGEND:

COMPLETED BUILDING PHASE 1

PROPOSED BUILDING PHASE 2

AIR-101 /Wx-01 Air Monitoring Station (WS indicates a co-located weather station)

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	August 2022 / Fig. 2

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\C-I DR 2022\2001642-02.dwg - 5/6/2022

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations	
Sampling Date	10/10/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	YES
(Time/Status)	7:00:00 AM

General Observations

General Weather Conditions

47-58 F, cloudy

General Description of Site Activities:

forms for pile caps, personal air monitoring, dewatering

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative:
Date: 10/10/2022

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Data Collection Forms and Worksheets
CAMP
UniFirstLaundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/11/2022	General Weather Conditions
System Start Time	0.01	40-68 F, mostly cloudy
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		dewatering forms, steel work, rebar placement, formwork
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Tim Dixon
Date: 10/11/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations	
Sampling Date	10/12/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	YES
(Time/Status)	7:00:00 AM

General Observations

General Weather Conditions

50-69 F, mostly clear

General Description of Site Activities:

dewatering and form work

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Tim Dixon
Date: 10/12/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/13/2022	General Weather Conditions
System Start Time	0.01	64-66 F, light clouds, windy, rain in early morning and afternoon
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		concrete prep and pouring for footers
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
18:00 - 21:30	102	VOC		5.0 - 8.0 ppm	1	No work was being conducted on site during this exceedence	

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/13/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/14/2022	General Weather Conditions
System Start Time	0.01	36-61 F
System Stop Time	23.59	General Description of Site Activities:
Total Hours Monitored	24	dewatering excavations, stripping forms, and forming footer pits
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
01:00 - 01:45	102	VOC		5.0 - 12.0 ppm	1	No work was being conducted on site during this exceedence	

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Tim Dixon
Date: 10/14/2022

Page 1 of __1__

GEI Consultants

455 Winding Brook Drive
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Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeff Holden, Project Manager (GEI)

Copy to: Tim Cosgrave, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: October 21, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
October 9 through 15, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103), are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measured fifteen-minute average concentrations of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period. There were measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. These occurred during non-working hours. These exceedances are summarized below.

Monitored Site Construction Activities

During this reporting period, monitoring was performed during on-Site construction activities, which included:

- Dewatering excavations
- Surveying of construction area
- Form building
- Pouring concrete
- Form stripping

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}.

Total Volatile Organic Compounds (TVOC) levels were occasionally measured above the Action Limit of 5 ppm during this monitoring period at station AIR-102 The first measurement above 5 ppm occurred during non-working hours, starting at 1800 hours on October 13 and remaining above the action level until 2115 hours. Wind during this exceedance was predominately from the North and Northeast between 0.3 and 3 mph. The temperature was approximately 55° F, and the Relative Humidity was 85%-87%.

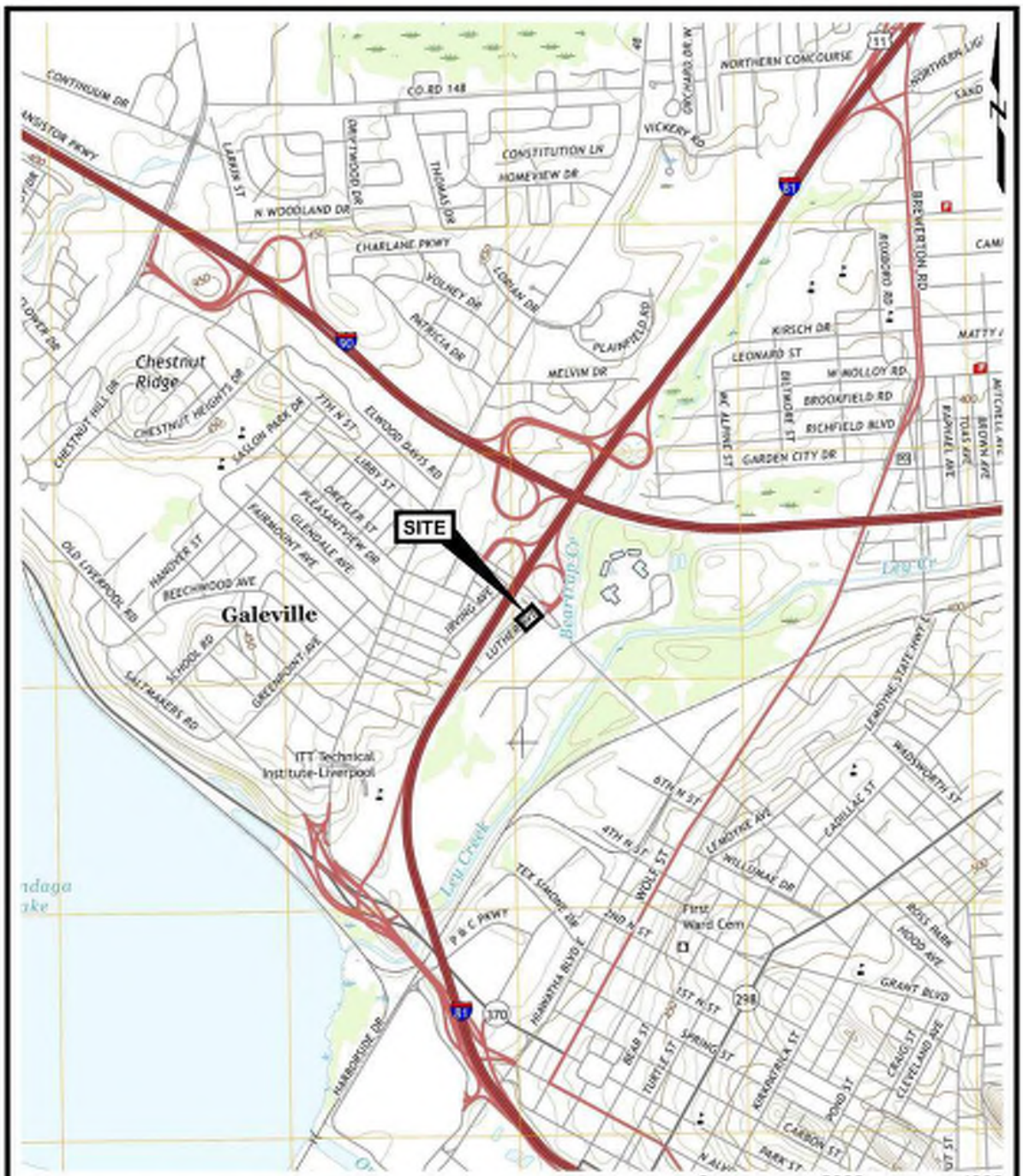
The second exceedance also occurred during non-working hours between 1300 hours and 1330 hours on October 14, 2022. The wind at the time of this exceedance was predominately from the south with speeds between 0.4 and 2.3 mph, the temperature was 51° F, and the relative humidity was 81%-85%.

Table 1 provides a daily summary of maximum fifteen-minute average air concentrations, and Figures 3 through 7 provide weather data collected by the Site's meteorological station that is co-located at AIR-101 (Vaisala® WXT-530).

If you have any questions regarding the information in this report, please contact me.

References

NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	August 2022 / Fig. 1

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GEI Consultants



Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	August 2022	Fig. 2

\\geiconsults\ B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\C-1 DR 2022\2001642-02.dwg - 5/6/2022

GEI Consultants

Table 1.

	TVOC (ppm)			PM-10 (ug/m^3)		
Alert Level	3.7			100		
Action Level	5.0			150		
Date	**Air 101**	**Air 102**	**Air 103**	**Air 101**	**Air 102**	**Air 103**
Sun 10/9/2022	0.00	0.00	0.00	5.1	6.3	6.1
Mon 10/10/2022	0.45	0.00	0.00	7.0	8.8	8.5
Tue 10/11/2022	0.86	1.25	0.95	12.5	14.2	15.1
Wed 10/12/2022	0.00	0.00	0.00	11.8	10.4	14.4
Thu 10/13/2022	0.98	7.51	0.06	14.3	15.3	14.3
Fri 10/14/2022	0.91	12.03	2.73	11.1	13.7	13.8
Sat 10/15/2022	0.00	0.00	0.00	9.8	8.1	8.3

Notes:

AM = air monitoring station location
ug/m^3 = micrograms per cubic meter
ppm = parts per million by volume
TVOC = total volatile organic compounds
PM-10 = particulate matter (i.e. dust) less than 10 microns in diameter

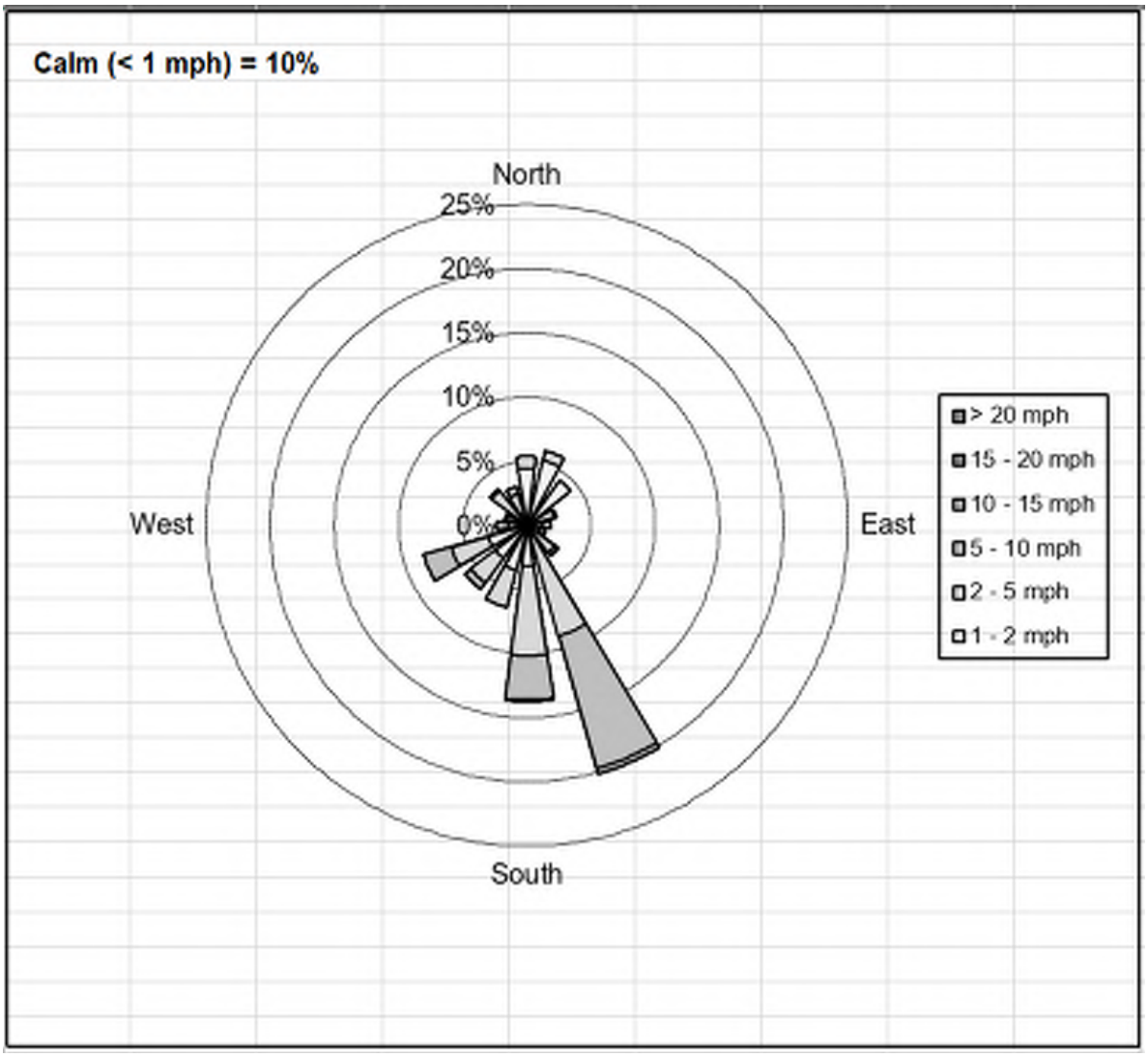


Figure 2. Wind rose for the period 10/9/22 through 10/15/22 collected during air monitoring activities at the Liverpool UniFirst Site. Wind direction data used to create the wind rose were calculated from 15-minute data >1 mph.

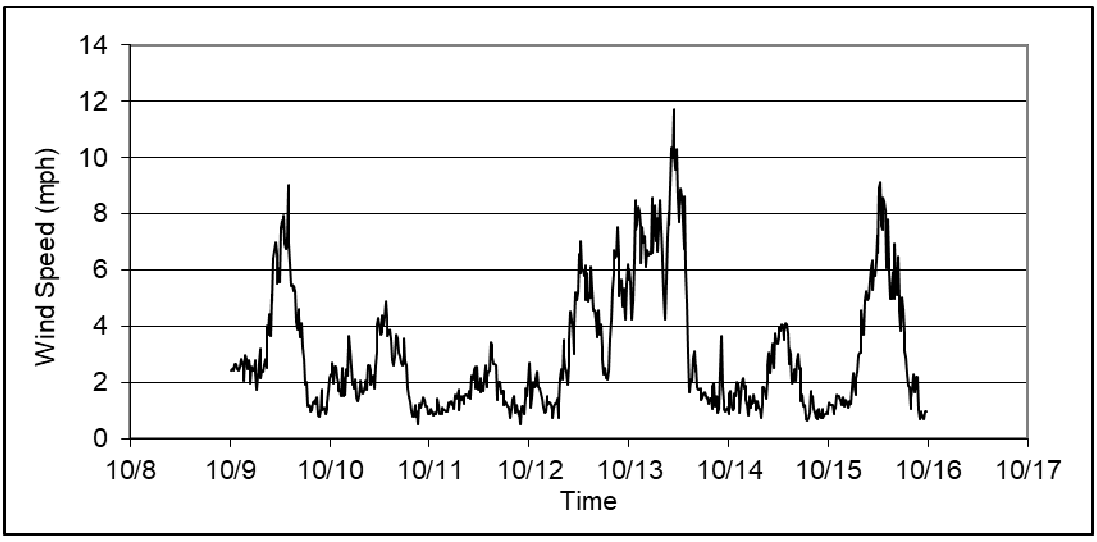


Figure 3. Wind speed for the period 10/9/22 through 10/15/22 collected during air monitoring activities at the Liverpool UniFirst Site. Data are 15-minute averages.

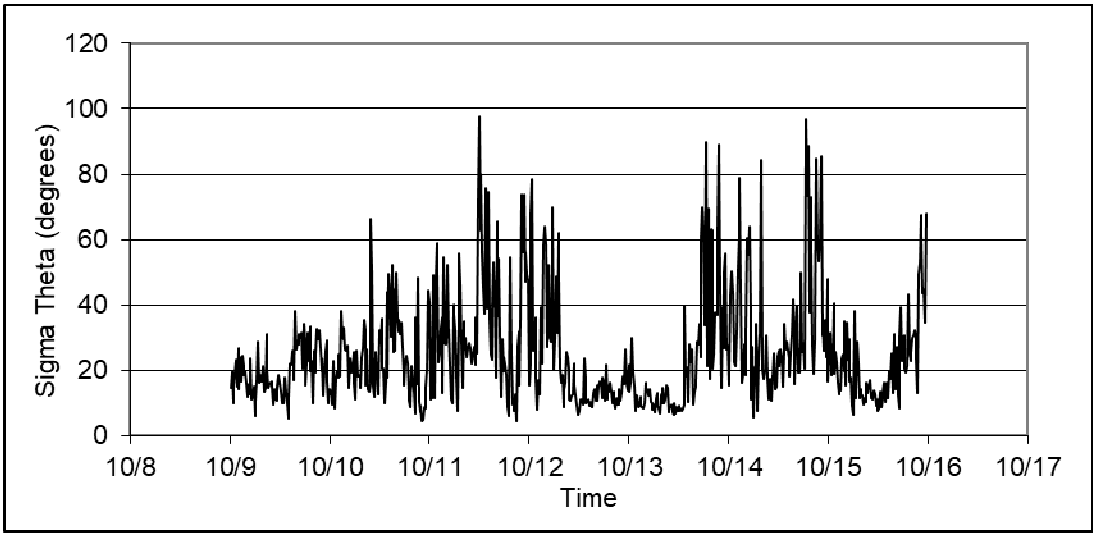


Figure 4. Standard deviation of wind direction (sigma theta) for the period 10/9/22 through 10/15/22 collected during air monitoring activities at the Liverpool UniFirst Site. Data are 15-minute averages.

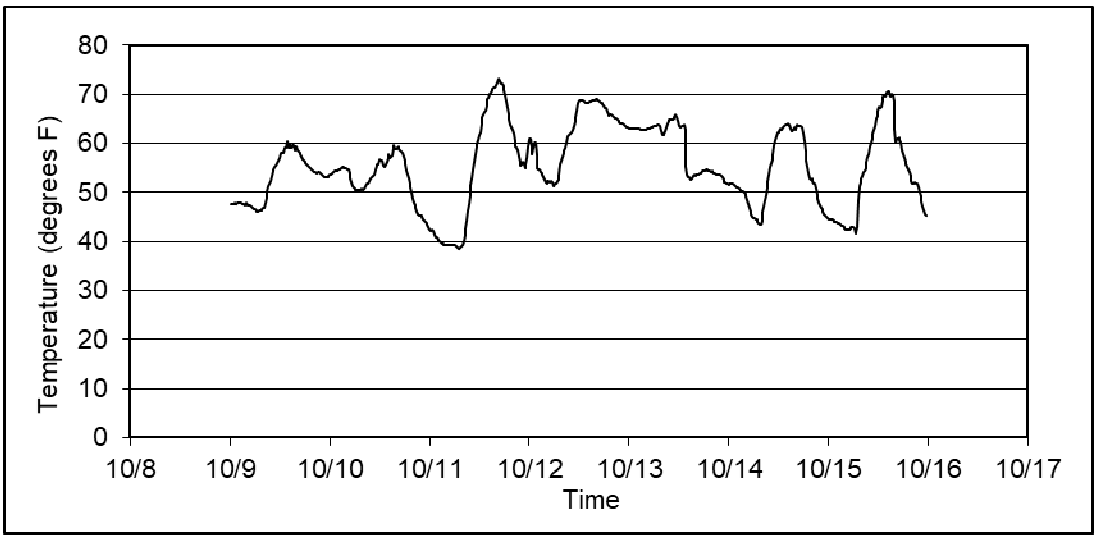


Figure 5. Temperature for the period 10/9/22 through 10/15/22 collected during air monitoring activities at the Liverpool UniFirst Site. Data are 15-minute averages.

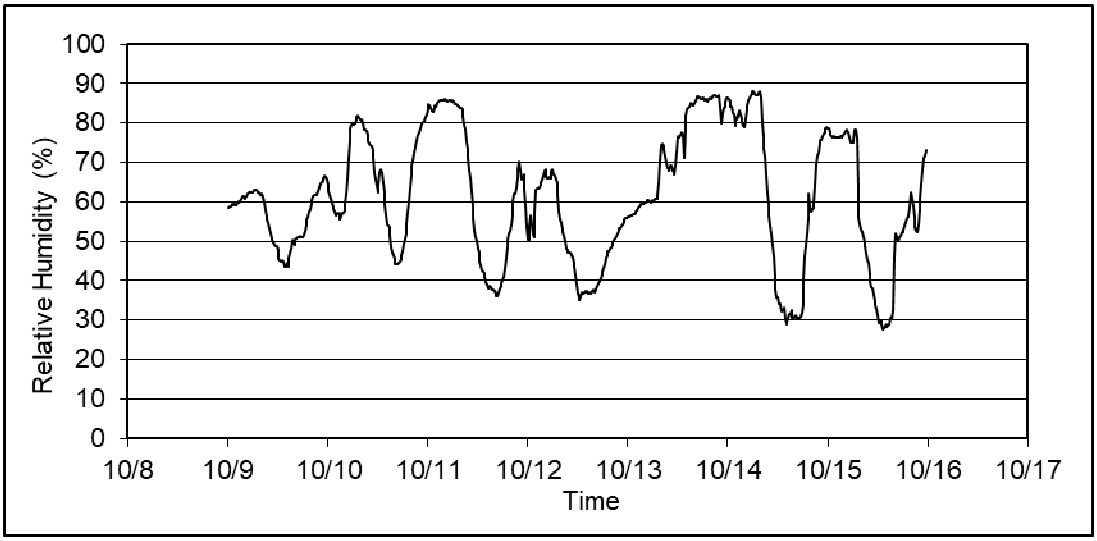


Figure 6. Relative humidity for the period 10/9/22 through 10/15/22 collected during air monitoring activities at the Liverpool UniFirst Site. Data are 15-minute averages.

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations	
Sampling Date	10/17/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	YES
(Time/Status)	7:00:00 AM

General Observations

General Weather Conditions

49-56 F, light rain

General Description of Site Activities:

dewatering excavations, backfilling and compacting piers, forming interior piers, placing rebar

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedences

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/17/2022

Page 1 of __1__

GEI Consultants

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/18/2022	General Weather Conditions
System Start Time	0.01	41-51 F, overcast, occasional light rain
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		dewatering excavations, forming piers, excavating for WC samples, pouring concrete, collected soil sample
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedences

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/18/2022

Page 1 of __1__

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/19/2022	General Weather Conditions
System Start Time	0.01	34-48 F
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		dewatering forms, forming wall, atlantic testing labs on site (compaction testing)
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedences

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/19/2022

Page 1 of __1__

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/20/2022	General Weather Conditions
System Start Time	0.01	41-48 F, partly cloudy
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		forming NW footer wall, dewatering as needed & personal air monitoring
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedences

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/20/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/21/2022	General Weather Conditions
System Start Time	0.01	
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		dewatering, excavated bottom of 6 pits (6 most NE) and placed clean stone, forming NE footer wall & poured concrete for NE footer wall, ATL on site to test compaction, covering impacted soils pile with poly
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedences

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/21/2022

Page 1 of __1__

GEI Consultants

1301 Trumansburg Road
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeff Holden, Project Manager (GEI)

Copy to: Tim Cosgrave, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: October 24, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
October 15, 2022 through October 22, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103), are located on the perimeter of the Site (Figure 2).

Exceedances

There were no exceedances of the measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were no measurements in fifteen-minute average concentrations of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period.

Monitored Site Construction Activities

During this reporting period, monitoring was performed during on-Site construction activities, which included:

- Dewatering excavations
- Surveying of construction area
- Building forms for concrete foundation structures
- Pouring concrete
- Form stripping

- Footer excavation
- Test pit excavations

Air Monitoring Activities and Summary

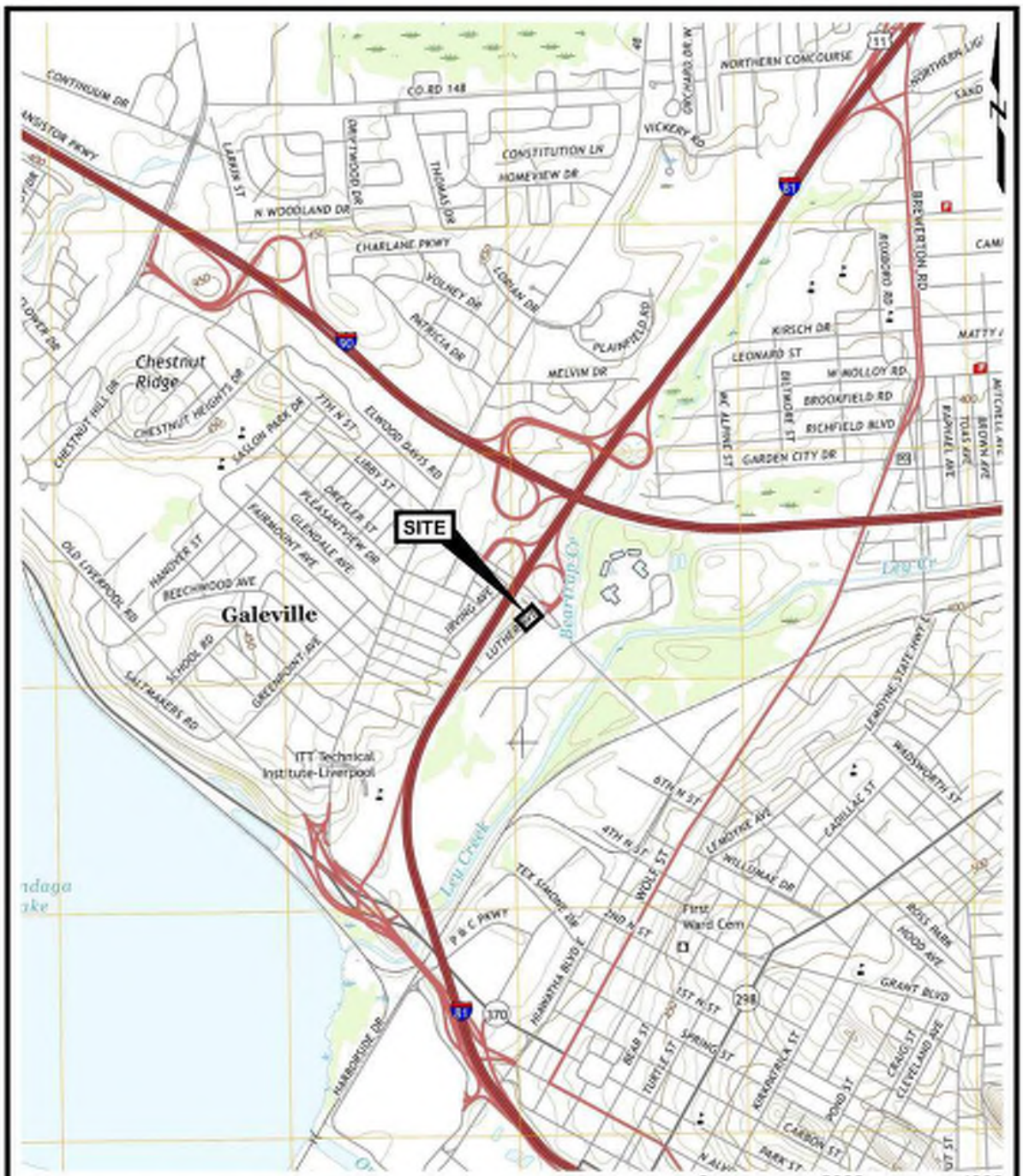
Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}.

Table 1 provides a daily summary of maximum fifteen-minute average air concentrations, and Figures 3 through 7 provide weather data collected by the Site's meteorological station that is co-located at AIR-101 (Vaisala® WXT-530).

If you have any questions regarding the information in this report, please contact me.

References

NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	August 2022 / Fig. 1

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GEI Consultants



Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	August 2022	Fig. 2

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GEI Consultants

Table 1.

	TVOC (ppmv)			PM-10 (ug/m^3)		
Alert Level			3.7		100	
Action Level			5.0		150	
Date	**Air 101**	**Air 102**	**Air 103**	**Air 101**	**Air 102**	**Air 103**
Sun 10/16/2022	0.00	0.00	0.00	10.00	11.10	10.80
Mon 10/17/2022	0.47	0.00	0.00	16.80	15.20	39.30
Tue 10/18/2022	0.57	0.00	0.00	3.80	4.80	16.80
Wed 10/19/2022	1.04	0.00	0.00	4.60	17.80	5.50
Thu 10/20/2022	0.09	0.00	0.00	6.70	11.50	8.70
Fri 10/21/2022	0.00	0.00	0.00	23.50	18.40	20.20
Sat 10/22/2022	0.00	0.00	0.00	14.00	15.80	16.40

Notes:

AM = air monitoring station location
ug/m^3 = micrograms per cubic meter
ppm = parts per million by volume
TVOC = total volatile organic compounds
PM-10 = particulate matter (i.e., dust) less than 10 microns in diameter
AM-1 = CAMP-101
AM-2 = CAMP-102
AM-3 = CAMP-103

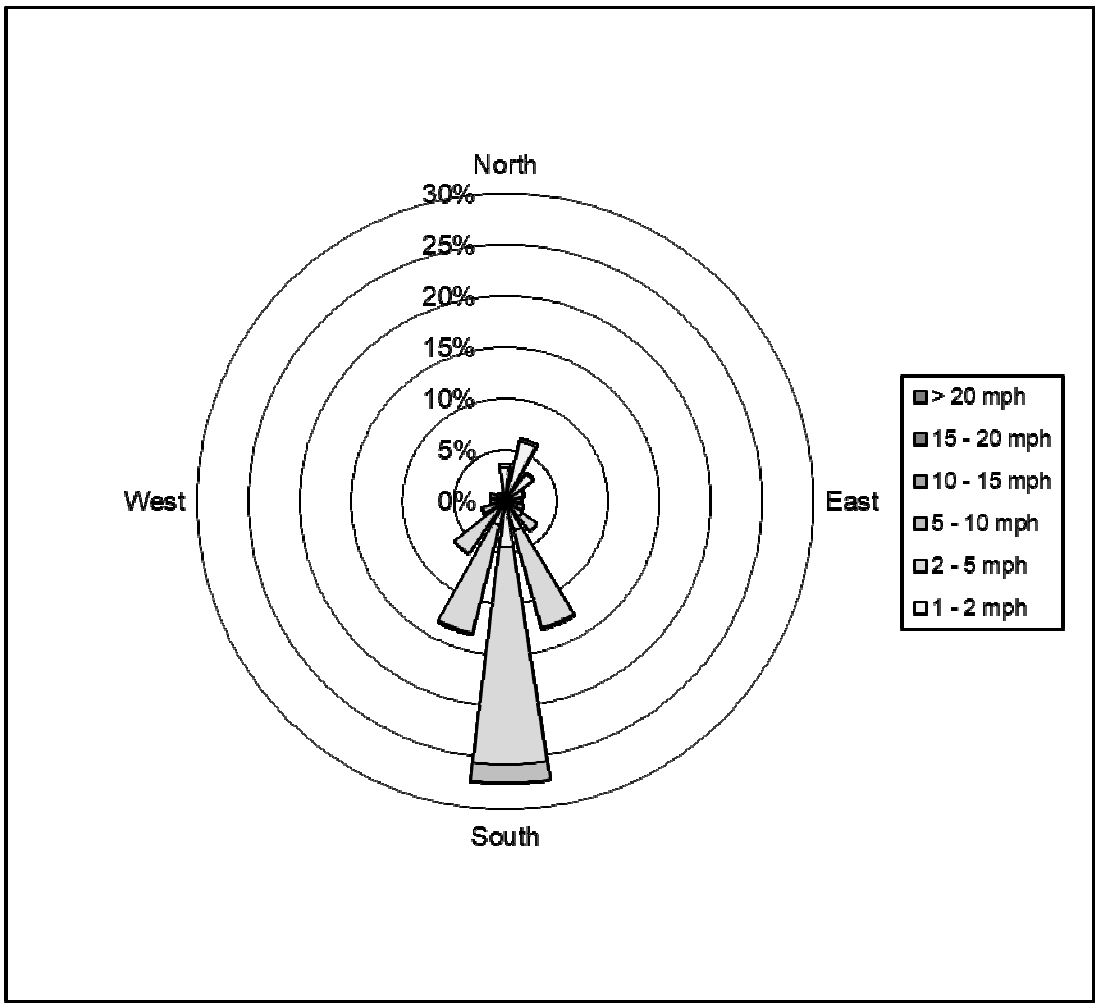


Figure 2. Wind rose for the period 10/16/22 through 10/22/22 collected during air monitoring activities at the Liverpool UniFirst Site. Wind direction data used to create the wind rose were calculated from 15-minute data >1 mph.

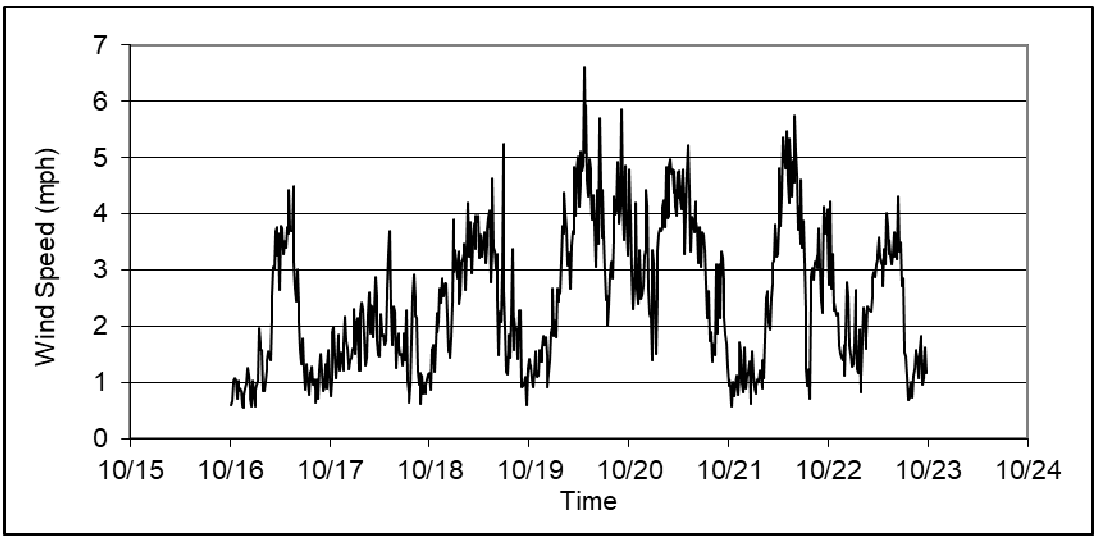


Figure 3. Wind speed for the period 10/16/22 through 10/22/22 collected during air monitoring activities at the Liverpool UniFirst Site. Data are 15-minute averages.

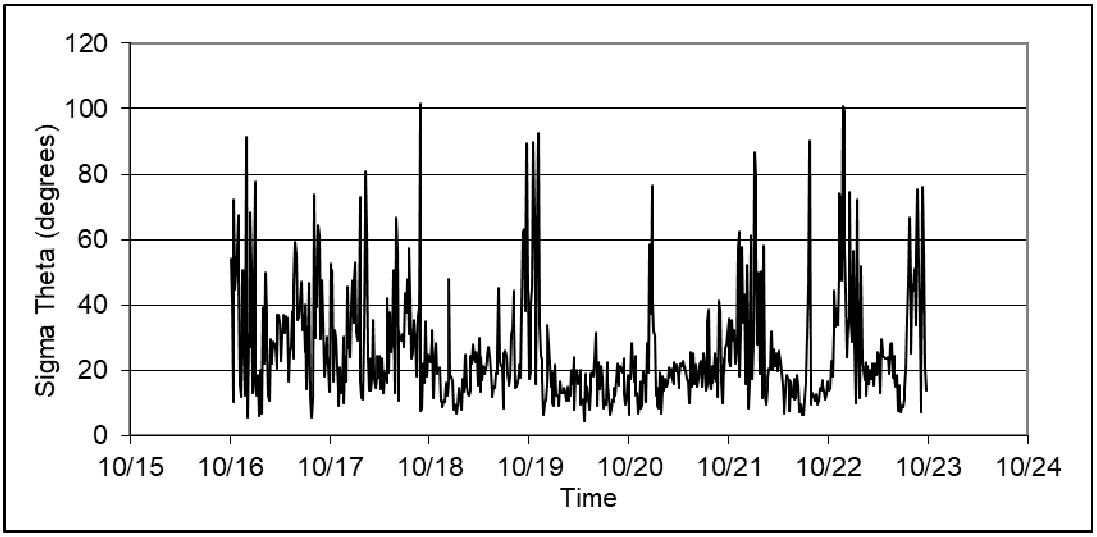


Figure 4. Standard deviation of wind direction (sigma theta) for the period 10/16/22 through 10/22/22 collected during air monitoring activities at the Liverpool UniFirst Site. Data are 15-minute averages.

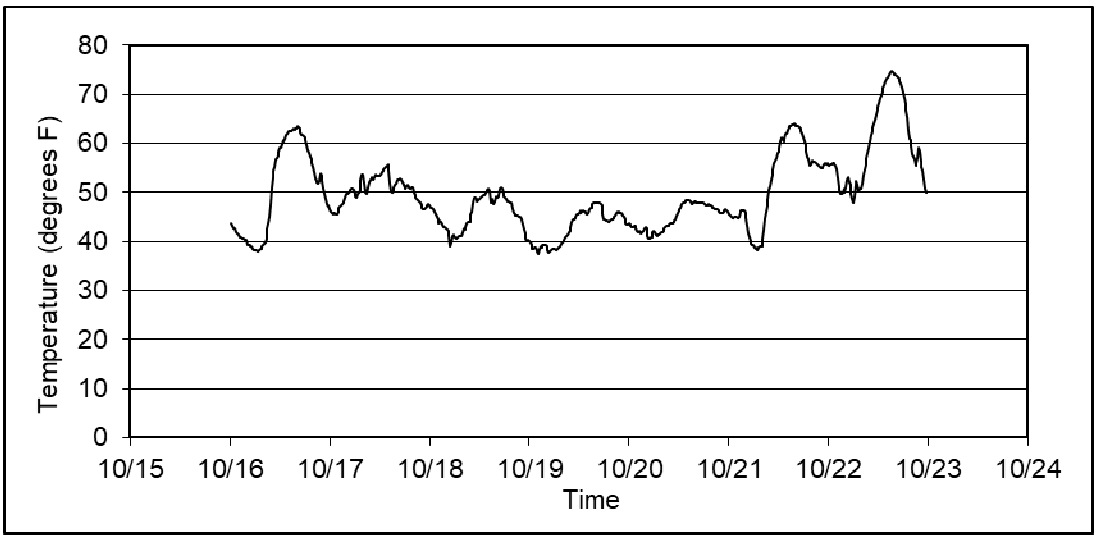


Figure 5. Temperature for the period 10/16/22 through 10/2/22 collected during air monitoring activities at the Liverpool UniFirst Site. Data are 15-minute averages.

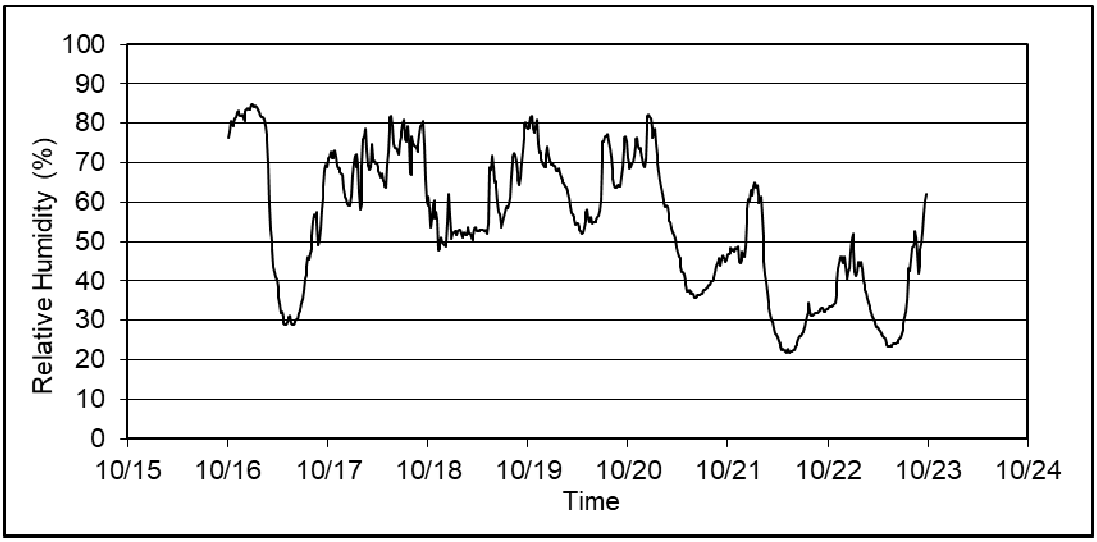


Figure 6. Relative humidity for the period 10/16/22 through 10/22/22 collected during air monitoring activities at the Liverpool UniFirst Site. Data are 15-minute averages.

GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955
Fax: (781) 721-4073

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Tim Cosgrave and Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: November 1, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
October 23, 2022 through October 29, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103), are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measured fifteen-minute average concentrations of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during working hours this reporting period. There were occasional exceedances of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. Exceedances are summarized below.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Equipment delivered onsite;
- Dewatering;

- Construction of pile cap forms and elevator form wall;
- Loading trucks with material from stockpile for disposal offsite;
- Material excavation and transfer to stockpile; and
- Backfill in areas where concrete forming is complete (northern portion of site) and in areas that are being prepared for forming (southern portion of site).

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

TVOCs were occasionally measured above the Action Limit of 5.0 ppm during this monitoring period during both working and non-working hours at station AIR-102, as follows:

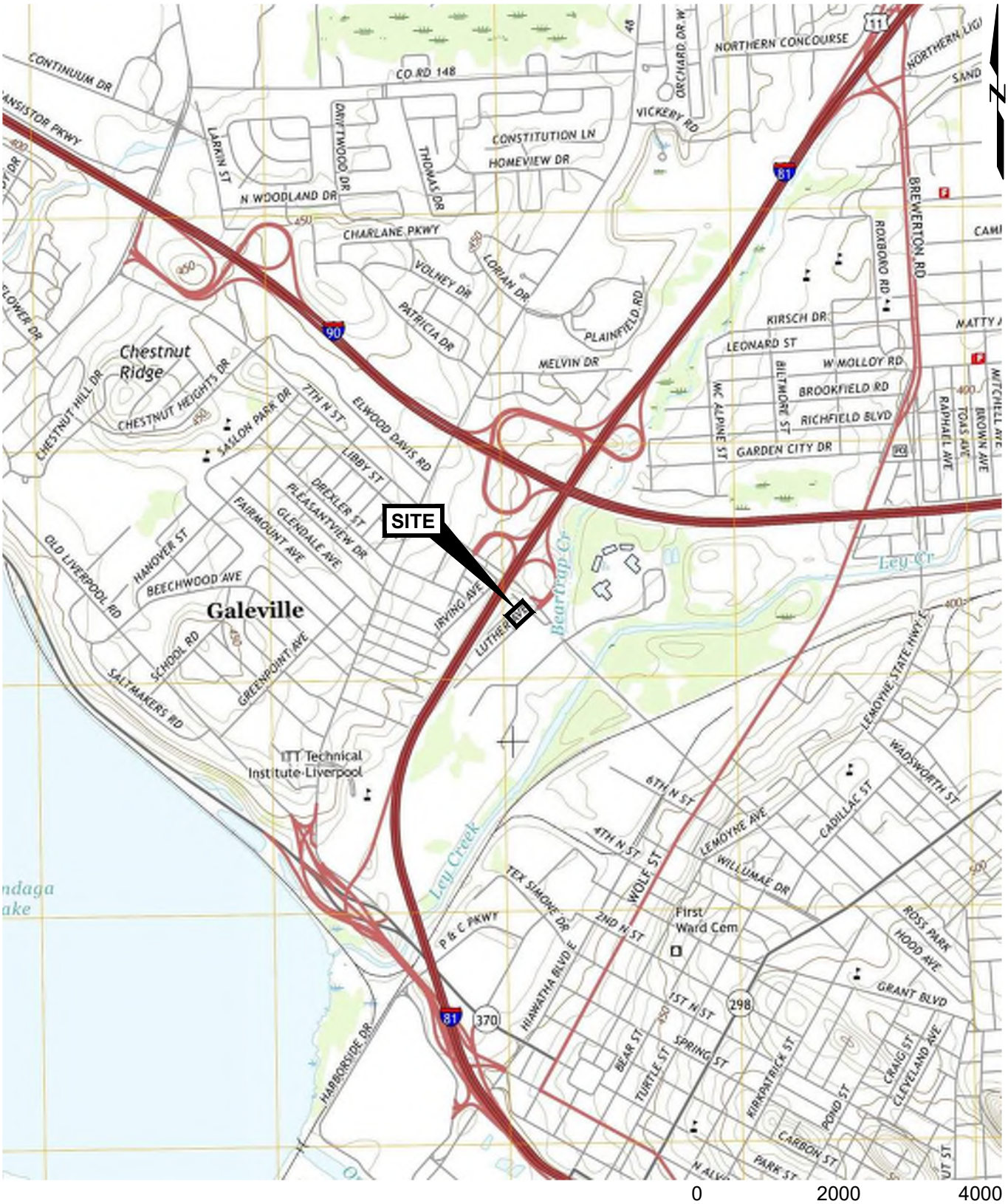
- VOCs were measured above Action Limit of 5.0 (ppmv) at AIR-102 on October 25, 2022 between 0530 and 0915 hours. No work was occurring onsite when the monitor began reading VOC concentrations above 5.0 ppm at 0530. When GEI personnel arrived onsite at 0615, multiple semi-trucks were observed idling on the adjacent Pilot station property, located east of the monitor. Onsite activities began at 0730, including management of the existing soil stockpile located west of the monitor and were performed continuously until approximately 1215. No increase in VOC concentration was observed after initiation of site-related soil stockpile management work. Concentrations fell below 5.0 ppm at 0915. Wind direction was measured primarily from the east during this time, at speeds of approximately 1-3 mph. Soil stockpile management continued throughout the majority of the work day.

- VOCs were measured above Action Limit of 5.0 (ppmv) at AIR-102 on October 26, 2022 between 0115 and 0315 hours. No work was occurring onsite during this time period.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

SCALE: 1" = 2000'

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	October 2022 / Fig. 1

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LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- AIR-101 /Wx-01 — Air Monitoring Station (WS indicates a co-located weather station)

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	October 2022 — Fig. 2

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Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)			PM_{10} (ug/m^3)		
Alert Limit	3.7			100		
Action Limit	5.0			150		
Stop Work Limit	25.0			-		
Date	**AIR-101**	**AIR-102**	**AIR-103**	**AIR-101**	**AIR-102**	**AIR-103**
Sun 10/23/2022	0.6	0.0	0.0	12	12	12
Mon 10/24/2022	0.4	1.5	0.0	11	13	13
Tue 10/25/2022	0.9	9.6	0.0	21	13	22
Wed 10/26/2022	2.3	17.0	0.4	14	37	22
Thu 10/27/2022	0.7	3.2	0.0	11	12	5
Fri 10/28/2022	1.3	0.0	0.1	35	13	10
Sat 10/29/2022	0.8	0.0	0.0	14	17	17

Notes:

ug/m^3 = micrograms per cubic meter
ppmv = parts per million by volume
TVOC = total volatile organic compounds
PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter
NM = Not Measured

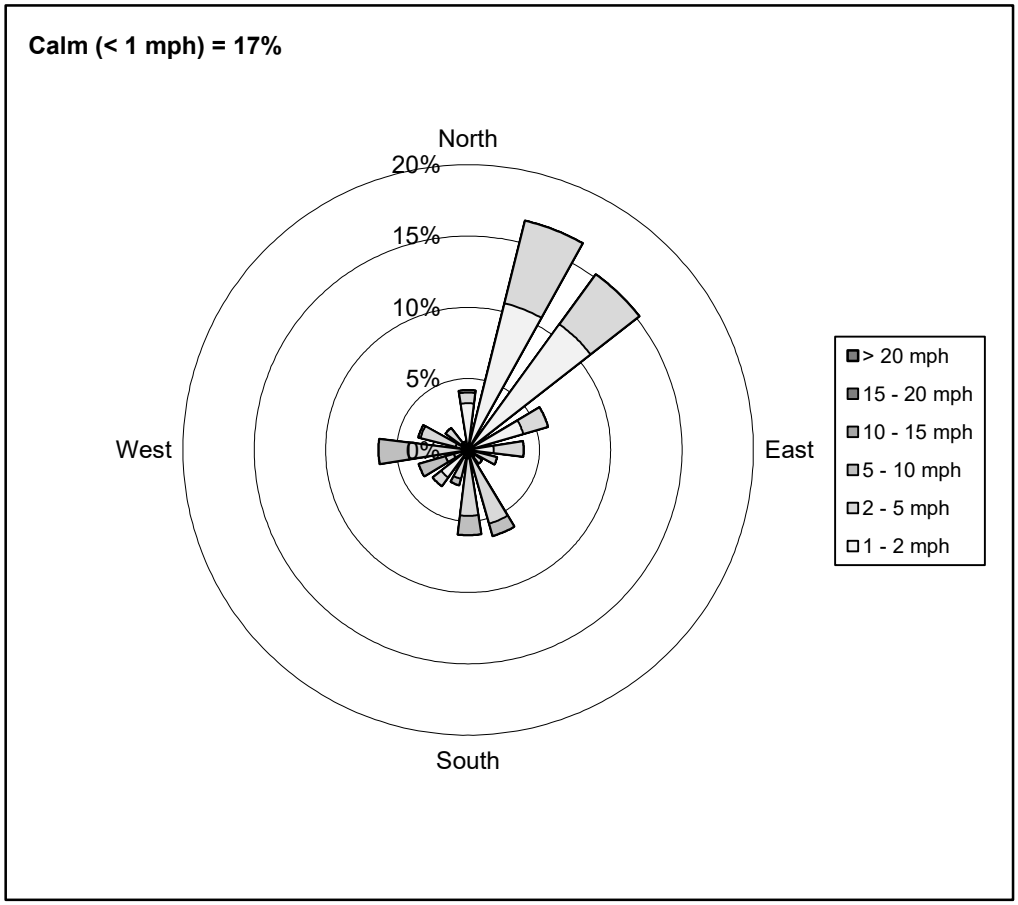


Figure 3. Wind rose for the period 10/23/22 through 10/29/22 collected during air monitoring activities at UniFirst Phase 2 Constuction. Wind direction data used to create the wind rose were calculated from 15-minute data >1 mph.

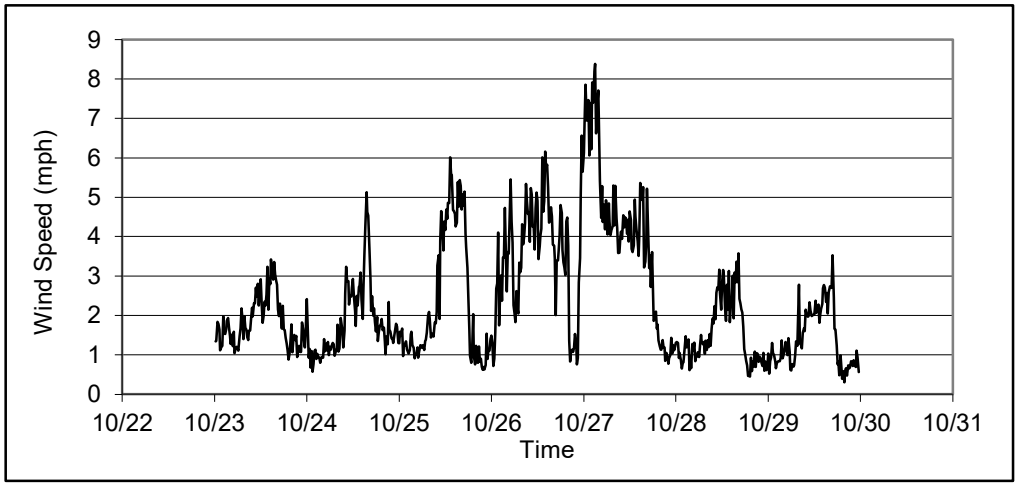


Figure 4. Wind speed for the period 10/23/22 through 10/29/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

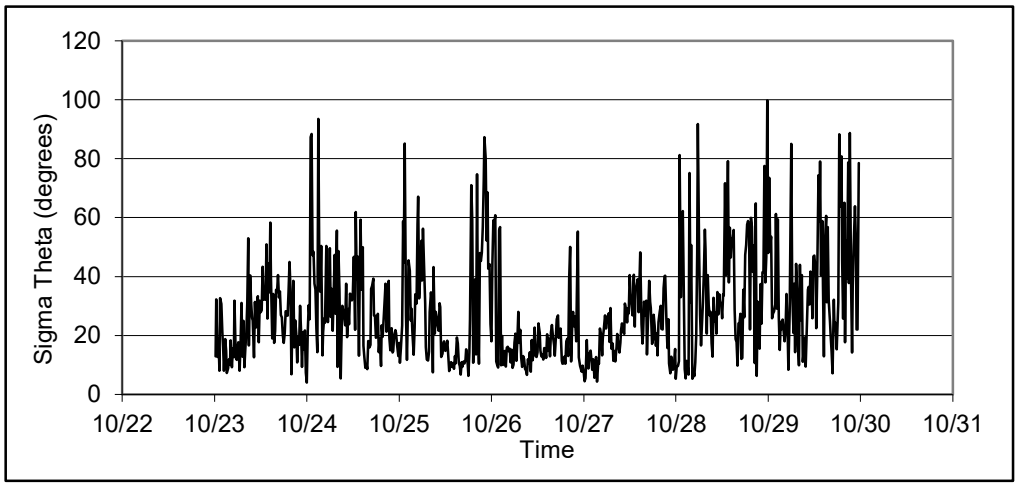


Figure5. Standard deviation of wind direction (sigma theta) for the period 10/23/22 through 10/29/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

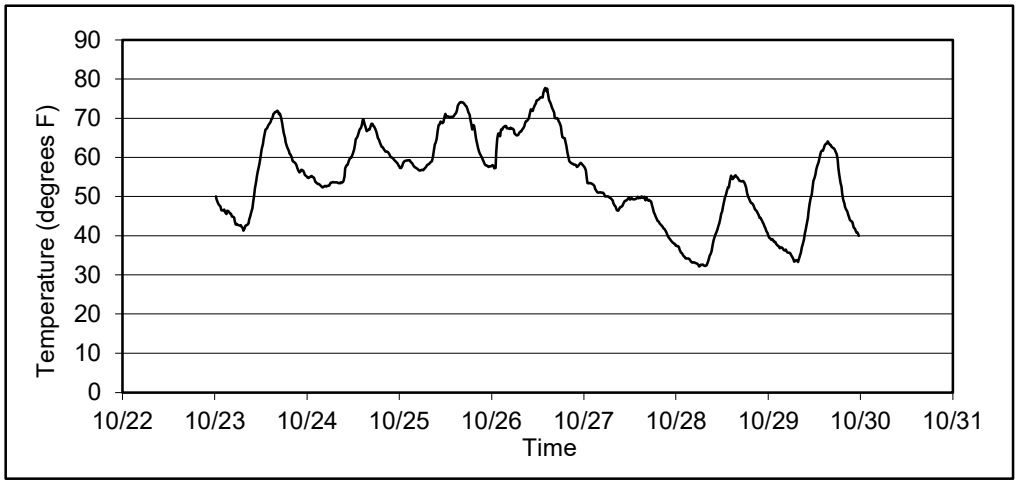


Figure 6. Temperature for the period 10/23/22 through 10/29/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

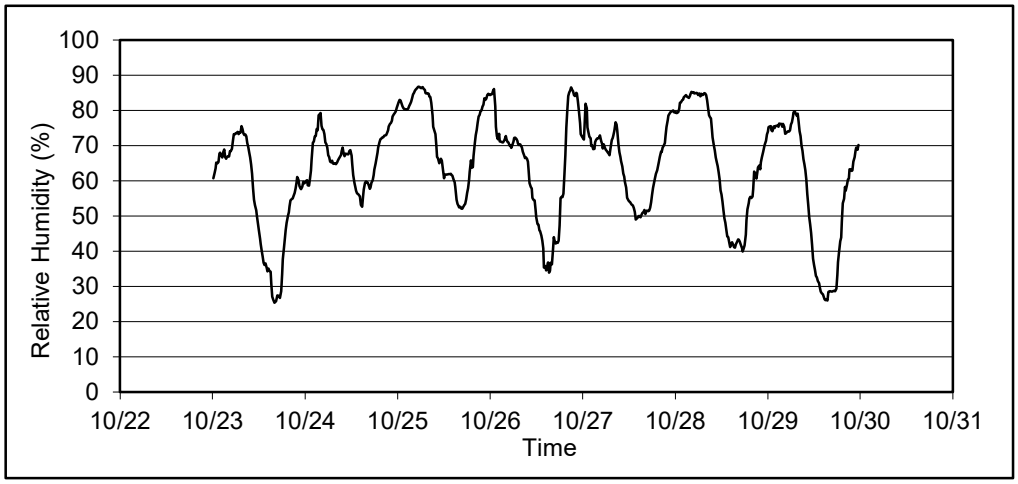


Figure 7. Relative humidity for the period 10/23/22 through 10/29/22 collected during air monitoring actvities at UniFirst Phase 2 Construction. Data are 15-minute averages.

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations	
Sampling Date	10/24/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	YES
(Time/Status)	7:00:00 AM

General Observations

General Weather Conditions

50-60 F, cloudy

General Description of Site Activities:

onsite: 07:00, offsite: 15:30; C&S removed the form on the NE footer wall; personal air monitoring was continuously conducted; sump pit in elevator pit was dewatered and prepped for elevator wall concrete pour; frac tank delivered; excavator delivered

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Davis Miller
Date: 10/24/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/25/2022	General Weather Conditions
System Start Time	0.01	50-70 F, clear skies, light wind out of the East
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		arrival: 0630 departure: 16:45; construction of pile cap forms in northeast of site and along east boundary; construction of elevetor form wall; backfilling around northeast footer wall; dewatering of pits in east of site; loading trucks from stockpile in south of site along with consolidation of pile continued intermittently throughout the day
System Calibrations	YES	
(Time/Status)	6:45:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
05:30 - 09:15	102	VOC	UW	5.09 - 9.58	1	VOC was measured above the action level beginning at 05:30 until 09:15 at AIR 102 on October 25, 2022. When I arrived on site at 0630, I observed multiple semi-trucks idling on the adjacent Pilot station property to the east of the monitor (upwind). Onsite activities began at 0730, including management (i.e., consolidation and loadout into trucks) of the existing soil stockpile located west of the monitor (downwind; see snapshot below), and were performed continuously until approximately 1215. No increase in VOC concentration was observed after initiation of site-related soil stockpile management work. Concentrations fell below 5.0 ppm at 0915. Wind direction was measured primarily from the east during this time, at speeds of approximately 1-3 mph. Soil stockpile management continued throughout the majority of the work day. No additional exceedances were observed.	

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
UW - Upwind — Particulate recorded in ug/m^3
CW - Crosswind — V - Total VOC
DW - Downwind — Total VOC measured in ppm

Field Representative: Davis Miller
Date: 10/25/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/26/2022	General Weather Conditions
System Start Time	0.01	60-75 F, partly cloudy, light wind out of the East shifted to 16 mph out of South around midday. Cloudy starting early afternoon
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	YES	arrival: 0630 departure: 17:00; construction/concrete pouring of pile cap forms in northeast of site and along east boundary; concrete pouring of elevetor form wall; backfilling around northeast footer wall; dewatering of pits in east of site; loading trucks from stockpile in south of site along with consolidation of pile continued intermittently throughout the day
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
01:15-03:00	102	VOC	UW	5.91-17.02	1	VOC was measured above the action level beginning at 01:15 until 03:00 at AIR 102 on October 26, 2022. During this period no on site activities were taking place. Concentrations fell below 5.0 ppm at 03:00.	

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
UW - Upwind
CW - Crosswind
V - Total VOC
DW - Downwind
Particulate recorded in ug/m^3
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 10/26/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/27/2022	General Weather Conditions
System Start Time	0.01	50 F, cloudy, mist
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	YES	oniste: 0630, offsite: removal of pile cap forms in northeast of site and along east boundary; removal of elevetor form wall; dewatering of pits in east of site; dewatering of truck decontamination station; loading trucks from stockpile in south of site along with consolidation of pile continued intermittently throughout the day
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Davis Miller
Date: 10/27/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	10/28/2022	General Weather Conditions
System Start Time	0.01	35 - 50 F, mostly cloudy
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	YES	onsite: 07:00, offsite: ; C&S removing forms of pile caps in east pits (concrete poured 10/27/22); Sun continues dewatering in the east pits; excavation of bottom stone/soil in 6 pits (most Southern of the 12 east pits); excavated material stockpiled in the south of the site; backfill bottom layer of these pits with crushed stone; building/placing pile cap forms in pits after stone backfill
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Davis Miller
Date: 10/28/2022

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GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Tim Cosgrave and Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: November 8, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
October 30, 2022 through November 5, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103), are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were occasional measurements in fifteen-minute average concentrations of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period. These exceedances are summarized below.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Equipment delivered onsite;
- Dewatering;

- Construction of pile cap forms and elevator form wall;
- Material excavation and transfer to stockpile;
- Loading trucks with material from stockpile for disposal offsite; and
- Backfill in areas where concrete forming is complete (eastern portion of site) and in areas that are being prepared for forming (southern portion of site).

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

PM_{10} [dust] levels were measured above the Action Limit of 150 ug/m^3 during this monitoring period during non-working hours at stations AIR-101 and AIR-102, as follows:

- PM_{10} levels were measured above the Action Limit of 150 (ug/m^3) at AIR-101 on November 2, 2022 between 0100 and 0115 hours.
- PM_{10} levels were measured above the Action Limit of 150 ug/m^3 at AIR-102 on November 2, 2022 between 0100 and 0115 hours.

As noted above, these levels were measured outside of working hours and measured PM10 concentrations fell below the exceedance threshold after 15 minutes before start of the work day. Further, based on wind direction during this timeframe, AIR-101 was the upwind perimeter monitor. The level measured at the downwind monitor (AIR-102) was not greater than 150 ug/m^3 above the upwind monitor level.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

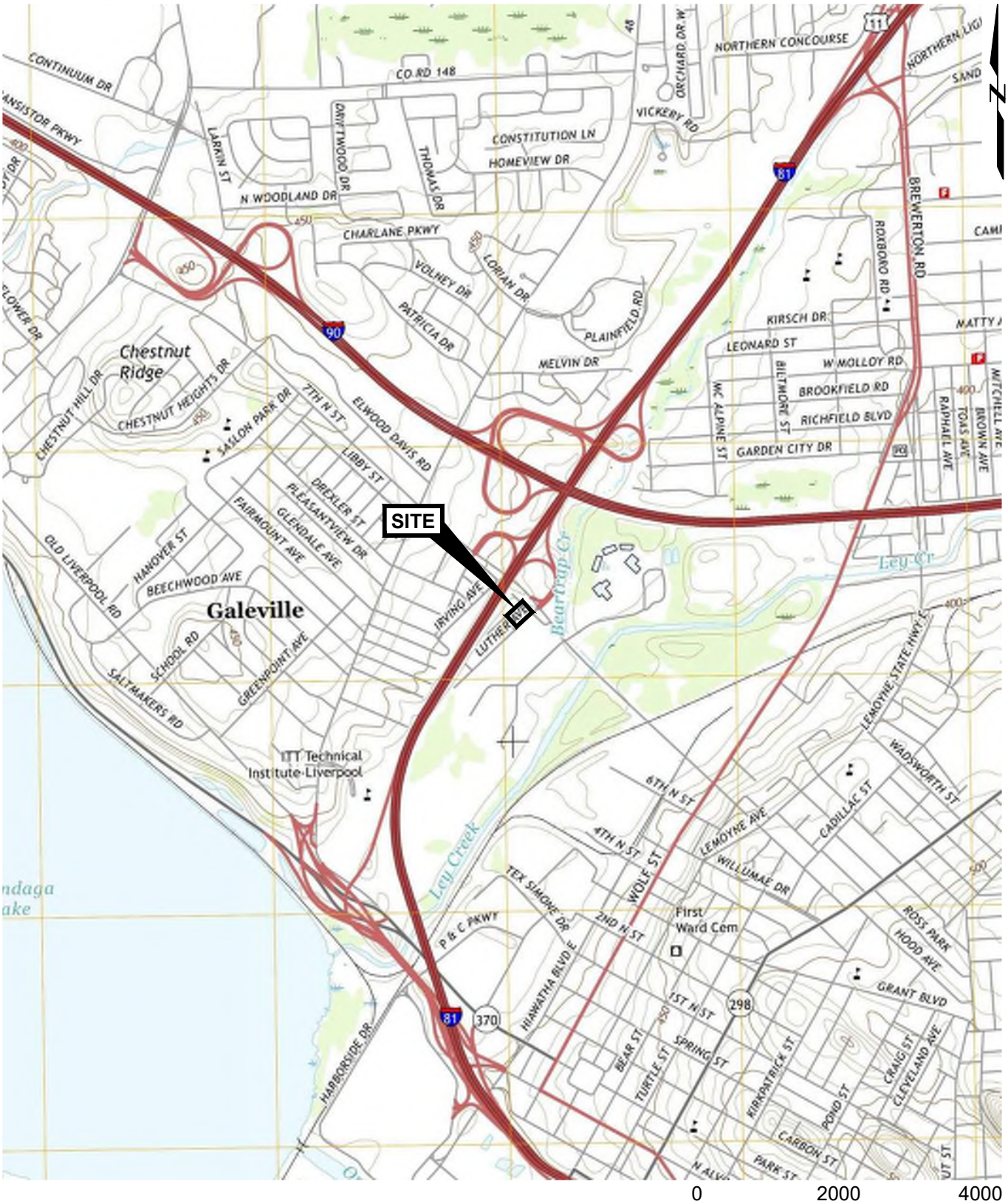
NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)

Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)			PM_{10} (ug/m^3)		
Alert Limit	3.7			100		
Action Limit	5.0			150		
Stop Work Limit	25.0			-		
Date	**AIR-101**	**AIR-102**	**AIR-103**	**AIR-101**	**AIR-102**	**AIR-103**
Sun 10/30/2022	1.1	0.0	0.0	15	17	35
Mon 10/31/2022	0.7	0.3	0.0	25	33	26
Tue 11/1/2022	0.2	2.6	0.0	82	85	81
Wed 11/2/2022	2.5	3.4	0.2	170	164	138
Thu 11/3/2022	2.5	1.9	1.0	64	58	51
Fri 11/4/2022	0.0	0.0	0.0	108	17	13
Sat 11/5/2022	0.4	0.1	0.0	16	12	14

Notes:

ug/m^3 = micrograms per cubic meter
ppmv = parts per million by volume
TVOC = total volatile organic compounds
PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter
NM = Not Measured



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP	
Unifirst Liverpool Liverpool, New York	Project 2001642	November 2022	Fig. 1

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\IRMWP 2022\2001642-01 SLM.dwg - 1/19/2022



LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- AIR-101 /Wx-01 — Air Monitoring Station (WS indicates a co-located weather station)

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	November 2022 — Fig. 2

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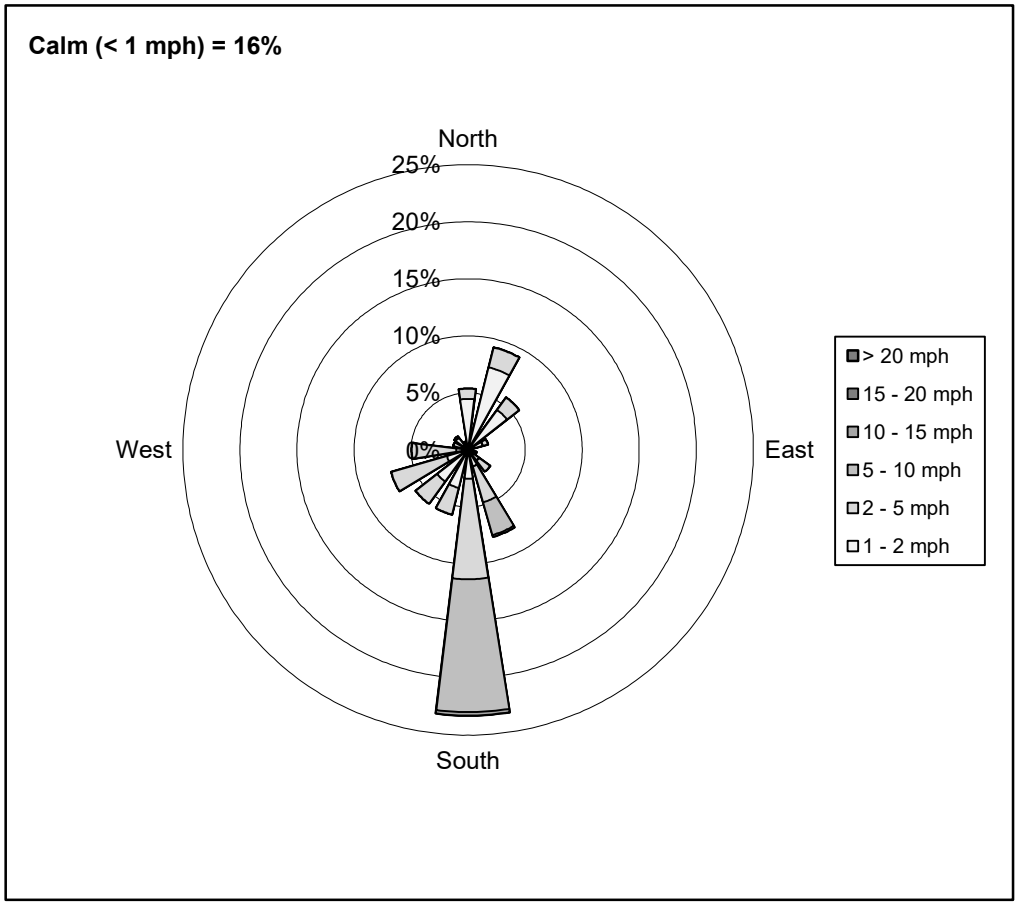


Figure 3. Wind rose for the period 10/30/22 through 11/5/22 collected during air monitoring activities at UniFirst Phase 2 Constuction. Wind direction data used to create the wind rose were calculated from 15-minute data >1 mph.

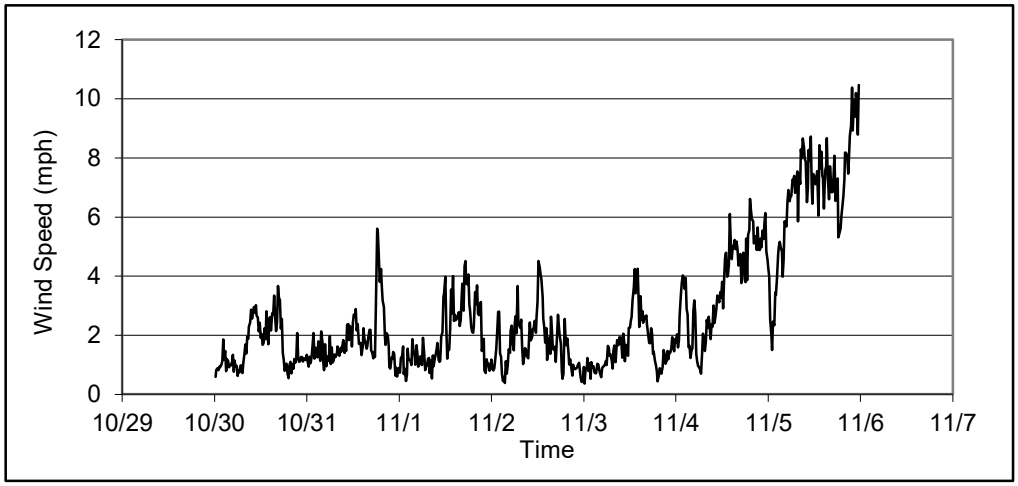


Figure 4. Wind speed for the period 10/30/22 through 11/5/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

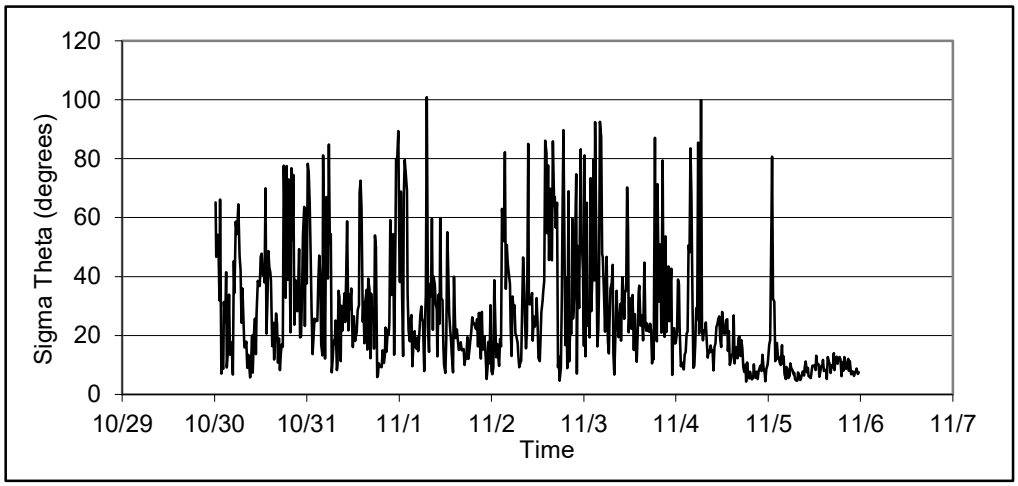


Figure5. Standard deviation of wind direction (sigma theta) for the period 10/30/22 through 11/5/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

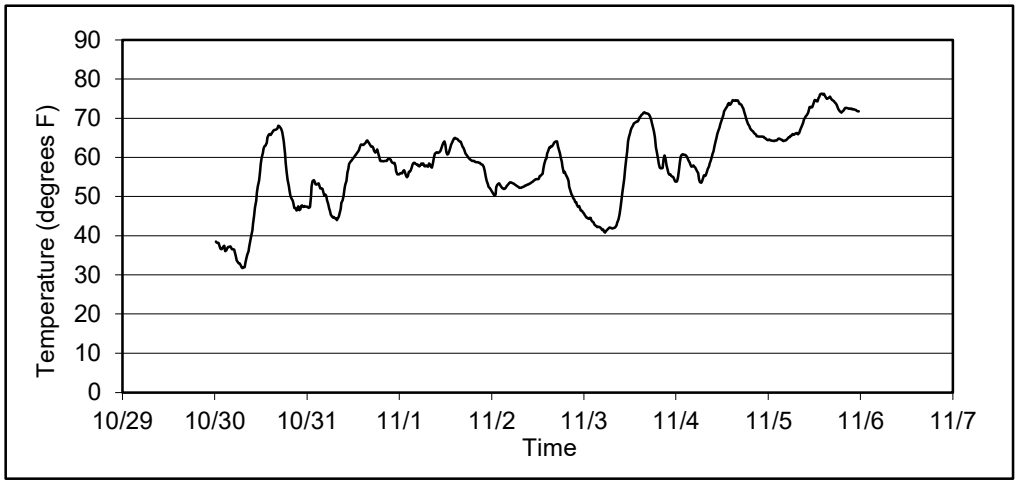


Figure 6. Temperature for the period 10/30/22 through 11/5/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

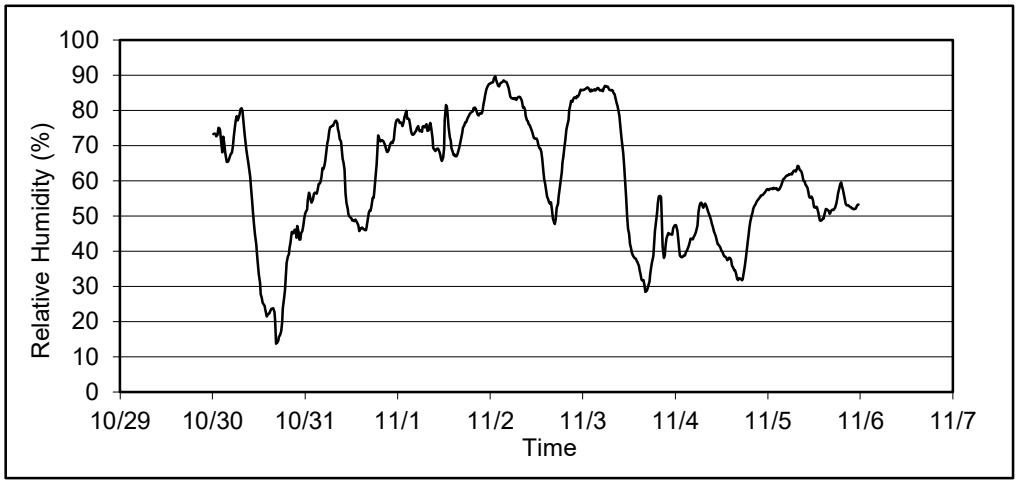


Figure 7. Relative humidity for the period 10/30/22 through 11/5/22 collected during air monitoring actvities at UniFirst Phase 2 Construction. Data are 15-minute averages.

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations	
Sampling Date	10/31/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	YES
(Time/Status)	7:00:00 AM

General Observations

General Weather Conditions

45-64 F, cloudy

General Description of Site Activities:

Sun dewatering excavations, C&S building forms, C&S applying waterproofing to elevator pit

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 10/31/2022

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GEI Consultants

Data Collection Forms and Worksheets

CAMP

UniFirst Laundry Facility

113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/1/2022	General Weather Conditions
System Start Time	0.01	58-65 F, mostly cloudy
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Sun dewatering excavations, C&S building and bracing forms, fourth frac tank delivered to site, C&S set rebar and placed forms for trench wall
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust

UW - Upwind

CW - Crosswind

DW - Downwind

Particulate recorded in ug/m^3

V - Total VOC

Total VOC measured in ppm

Field Representative: Tim Dixon

Date: 11/1/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations	
Sampling Date	11/2/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	YES
(Time/Status)	7:00:00 AM

General Observations

General Weather Conditions

53 F, overcast/clear in the afternoon, heavy fog overnight

General Description of Site Activities:

Sun dewatering excavations, Fisher begins digging excavations along south of building area/stockpiled soil, C&S working on east wall form, Fisher backfilling excavations with clean stone, and C&S pouring concrete.

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
1:15	101	Dust		170	1	No site work was occuring at the time. A dense fog was observed in the beginning of the morning and had occurred overnight	
1:15	102	dust		164.1	1	No site work was occuring at the time. A dense fog was observed in the beginning of the morning and had occurred overnight	

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
UW - Upwind — Particulate recorded in ug/m^3
CW - Crosswind — V - Total VOC
DW - Downwind — Total VOC measured in ppm

Field Representative: Tim Dixon
Date: 11/2/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/3/2022	General Weather Conditions
System Start Time	0.01	41-68 F, clear
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		onsite: 07:00, offsite: ; building forms for pile caps and wall; excavating deep pits for southern pile caps & dewatering in these pits (including stockpiling of impacted soil from excavation); backfilling around pile caps with clean stone
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Davis Miller
Date: 11/3/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/4/2022	General Weather Conditions
System Start Time	0.01	50-70 F, clear
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		onsite: 07:00, offsite: ; building forms for pile caps; excavating deep pits for southern pile caps & dewatering in these pits (including stockpiling of impacted soil from excavation); pouring concrete in wall form
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedences

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/4/2022

Page 1 of __1__

GEI Consultants

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Suite N
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Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Tim Cosgrave and Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: November 14, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
November 6, 2022 through November 12, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103), are located on the perimeter of the Site (Figure 2).

Exceedances

There was one measurement during non-working hours of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There was one measurement of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period. These exceedances are summarized below.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Equipment delivery;
- Dewatering;
- Assembly of elevator scaffolding, elevator shaft construction, and disassembly of scaffolding;

- Construction and/or removal of pile cap forms and elevator form wall;
- Emptying frac tanks;
- Material excavation and transfer to stockpile; and
- Backfill in areas where concrete forming is complete (eastern portion of site) and in areas that are being prepared for forming (southern portion of site).

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

PM_{10} [dust] levels were measured above the Action Limit of 150 ug/m^3 during this monitoring period during working hours at station AIR-103, as follows:

- PM_{10} [dust] levels were measured above the Action Limit of 150 ug/m^3 at AIR-103 on November 11, 2022 between 1015 and 1030 hours.

Scaffolding being used to form an elevator shaft near AIR-103 was being disassembled during this time. The scaffolding was down by 1030 and the dust monitor returned to baseline levels without intervention.

TVOC levels were measured above the Action Limit of 5 ug/m^3 during this monitoring period during non-working hours at station AIR-102, as follows:

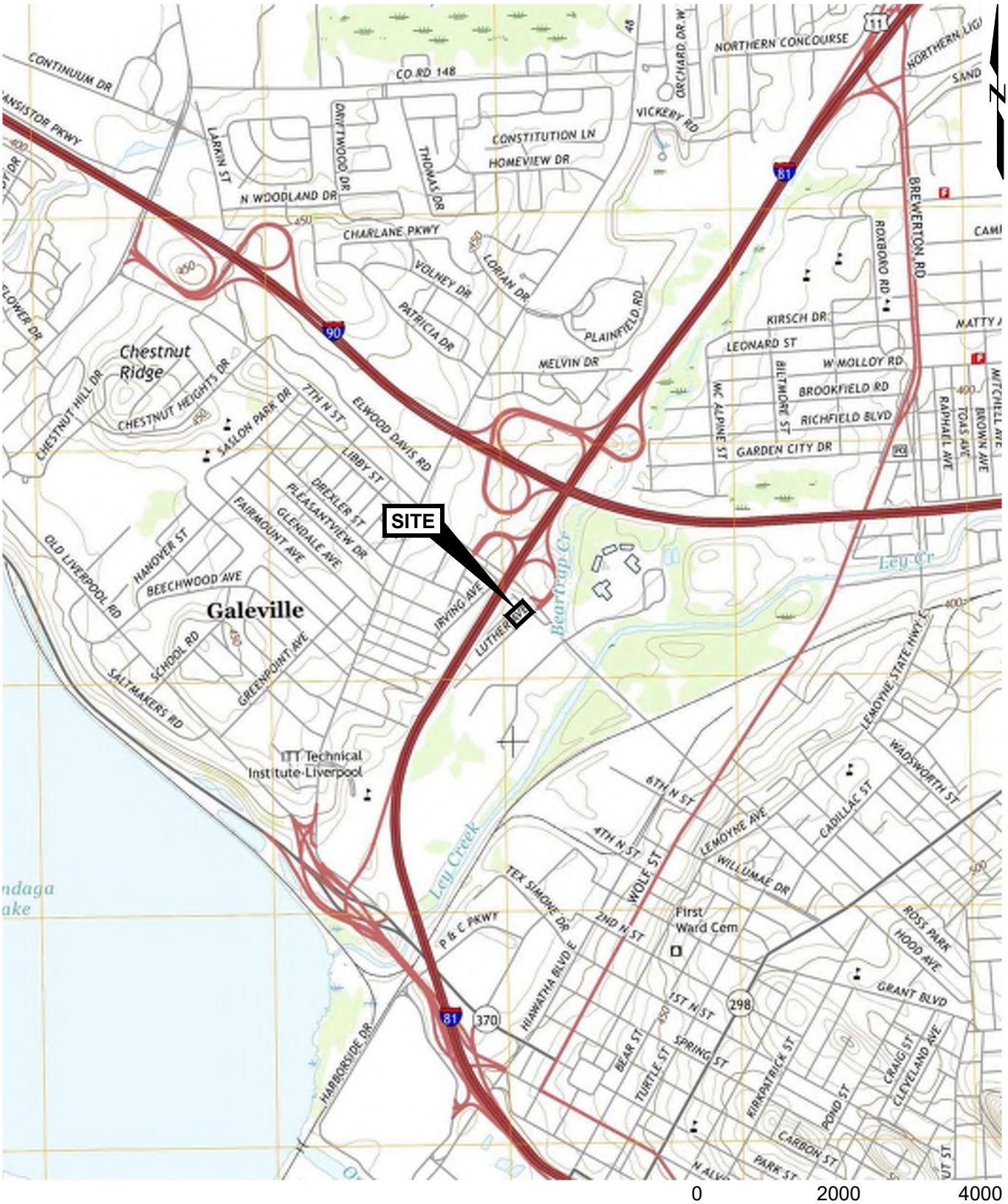
- TVOCs were measured above the Action Limit of 5 ug/m^3 at AIR-102 on November 12, 2022 between 1145 and 1245 hours.

No work was performed onsite during this time.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)

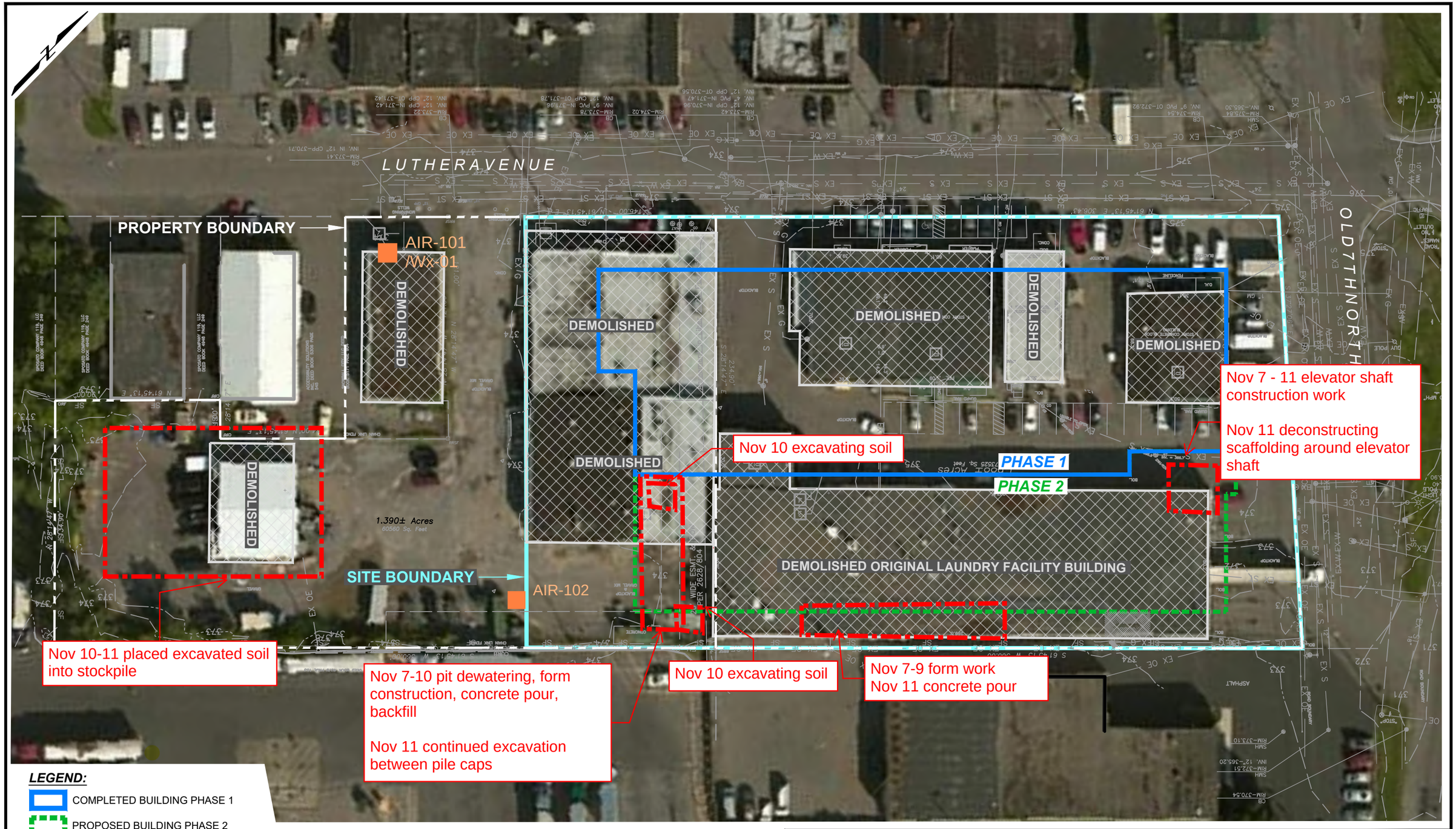


SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

SCALE: 1" = 2000'

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	November 2022 — Fig. 1

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LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- AIR-101 /Wx-01 — Air Monitoring Station (WS indicates a co-located weather station)

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | November 2022 | Fig. 2

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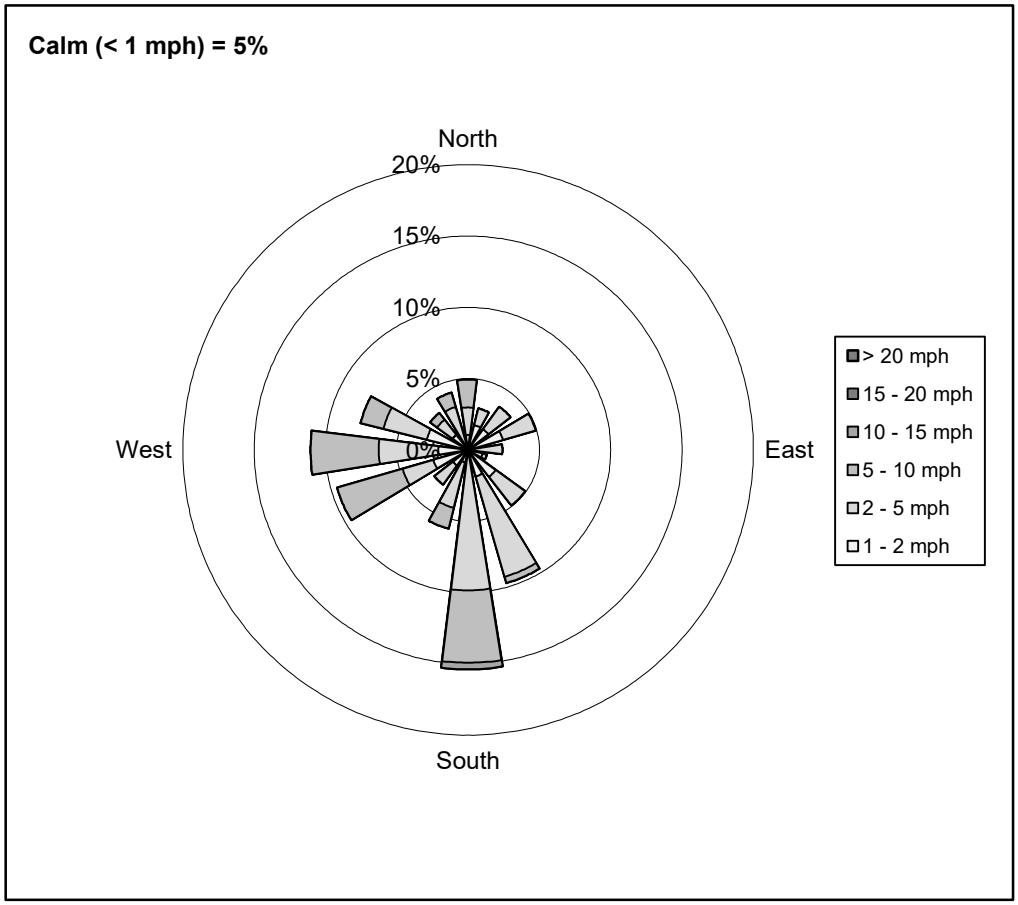


Figure 3. Wind rose for the period 11/6/22 through 11/12/22 collected during air monitoring activities at UniFirst Phase 2 Constuction. Wind direction data used to create the wind rose were calculated from 15-minute data >1 mph.

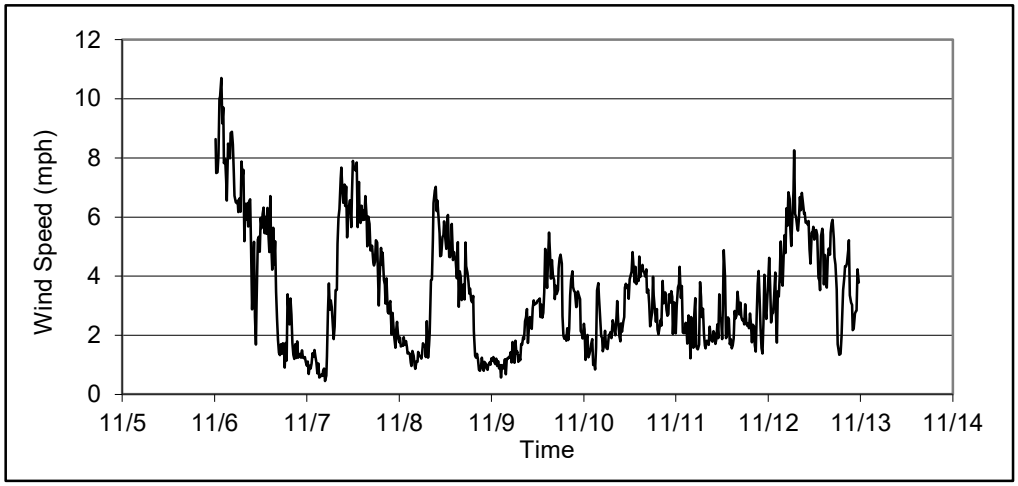


Figure 4. Wind speed for the period 11/6/22 through 11/12/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

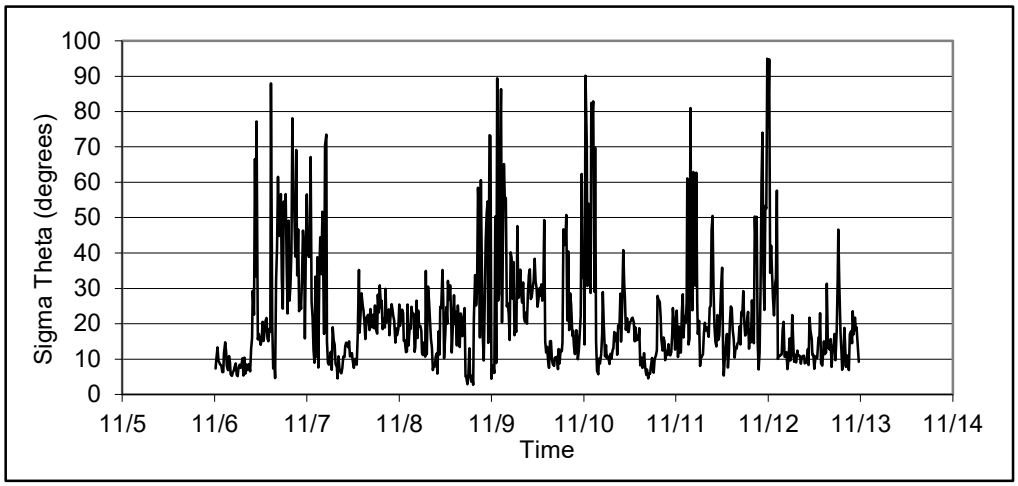


Figure5. Standard deviation of wind direction (sigma theta) for the period 11/6/22 through 11/12/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

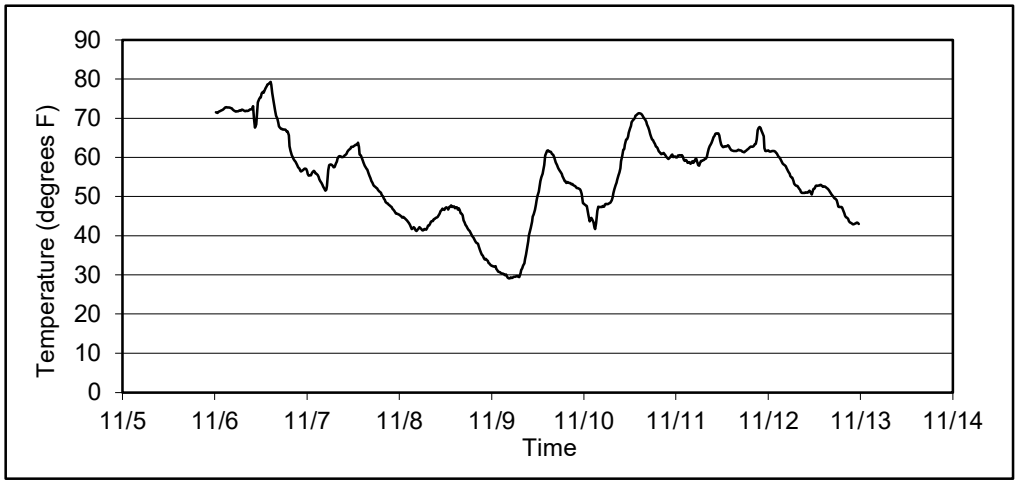


Figure 6. Temperature for the period 11/6/22 through 11/12/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

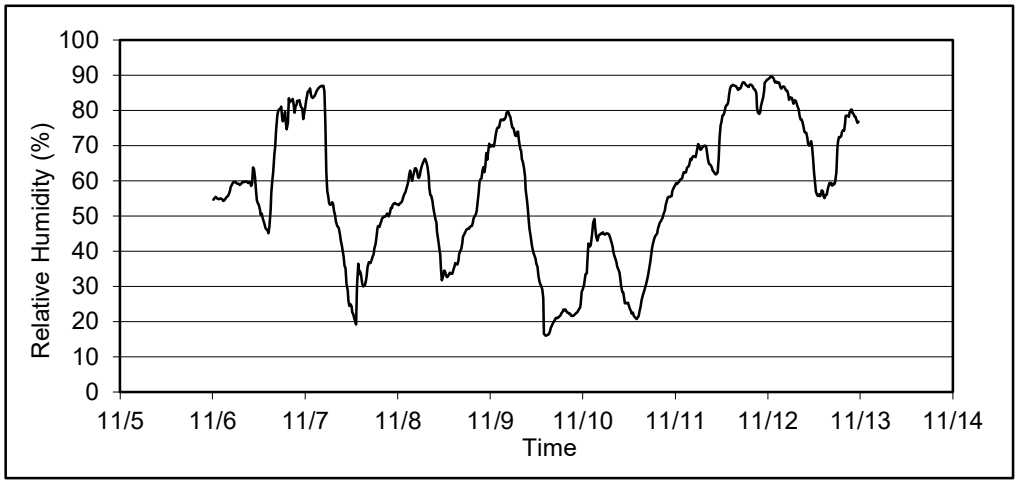


Figure 7. Relative humidity for the period 11/6/22 through 11/12/22 collected during air monitoring actvities at UniFirst Phase 2 Construction. Data are 15-minute averages.

Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)			PM_{10} (ug/m^3)		
Alert Limit	3.7			100		
Action Limit	5.0			150		
Stop Work Limit	25.0			-		
Date	**AIR-101**	**AIR-102**	**AIR-103**	**AIR-101**	**AIR-102**	**AIR-103**
Sun 11/6/2022	0.7	8.9	0.1	14	15	16
Mon 11/7/2022	1.4	6.2	0.1	25	11	12
Tue 11/8/2022	0.3	0.0	0.0	8	44	6
Wed 11/9/2022	1.2	0.9	0.7	10	11	56
Thu 11/10/2022	0.4	0.0	0.0	11	15	35
Fri 11/11/2022	0.8	0.5	1.0	18	20	167
Sat 11/12/2022	0.0	18.7	1.2	25	35	7

Notes:

ug/m^3 = micrograms per cubic meter
ppmv = parts per million by volume
TVOC = total volatile organic compounds
PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter
NM = Not Measured

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/7/2022	General Weather Conditions
System Start Time	0.01	57-62 F, clear
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Sun dewatering in deep excavations around forms (south building area); C&S removing forms on E wall; constructing scaffolding around elevator pit
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
22:15 (Nov 6) - 02:00 (Nov 7)	102	VOC		5-6 ppm	1	No site work was occuring at this time.	

Notes:
VOC at Air station 102 also exceeded 5 ppm (max 9 ppm) on Nov 6 between 21:00 and 22:00.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/7/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/8/2022	General Weather Conditions
System Start Time	0.01	40 - F, clear
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Sun dewatering in deep excavations around forms (south building area) and also emptying frac tanks; C&S working on E wall; laying cinderblock for elevator pit
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/8/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/9/2022	General Weather Conditions
System Start Time	0.01	30 - 58 F, clear
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		C&S working on E wall; laying cinderblock for elevator pit; sun dewatering in forms/pits of S building area, and then C&S pouring concrete in these forms
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/9/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/10/2022	General Weather Conditions
System Start Time	0.01	46 - 67 F, clear
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Sun dewatering; masons continuing elevator shaft work; C&S removes forms in deep pit pile caps; backfilling around pile caps; and begin excavation of soil between deep pits/pile caps to make room for wall form
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/10/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/11/2022	General Weather Conditions
System Start Time	0.01	55 - 65 F, cloudy, rain in afternoon, wind S to N
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Masons continuing elevator shaft work and deconstruct the scaffolding; C&S general site clean up; excavation/associated stockpiling continues between deep pit pile caps/backfilling with clean stone; 8' forms delivered on site/C&S prepping; concrete pour for section of E wall
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
10:15-10:30	103	Dust	DW	167.2	1	the time of the alarm, concrete dust was observed coming off the scaffolding around the elevator shaft by Air 103 as the masons deconstructed it. The scaffolding was all taken down by 10:30. No other site work was occuring in the vicinity of Air 103 at the time. Other work, including excavation, was occuring in the south of the site by Air 102 at the time.	Dave Taillie (C&S) and Wendy Moore (GEI) at 10:15.

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/11/2022

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GEI Consultants

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Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Tim Cosgrave and Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: November 22, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
November 13 through November 19, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103), are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were no measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Dewatering;
- Dismantling bracings and forms along Southeastern wall;
- Preparing forms in South and East portions of the building;

- Excavation for plumbing line in East; and
- Material excavation and transfer to stockpile, followed by transfer offsite.

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

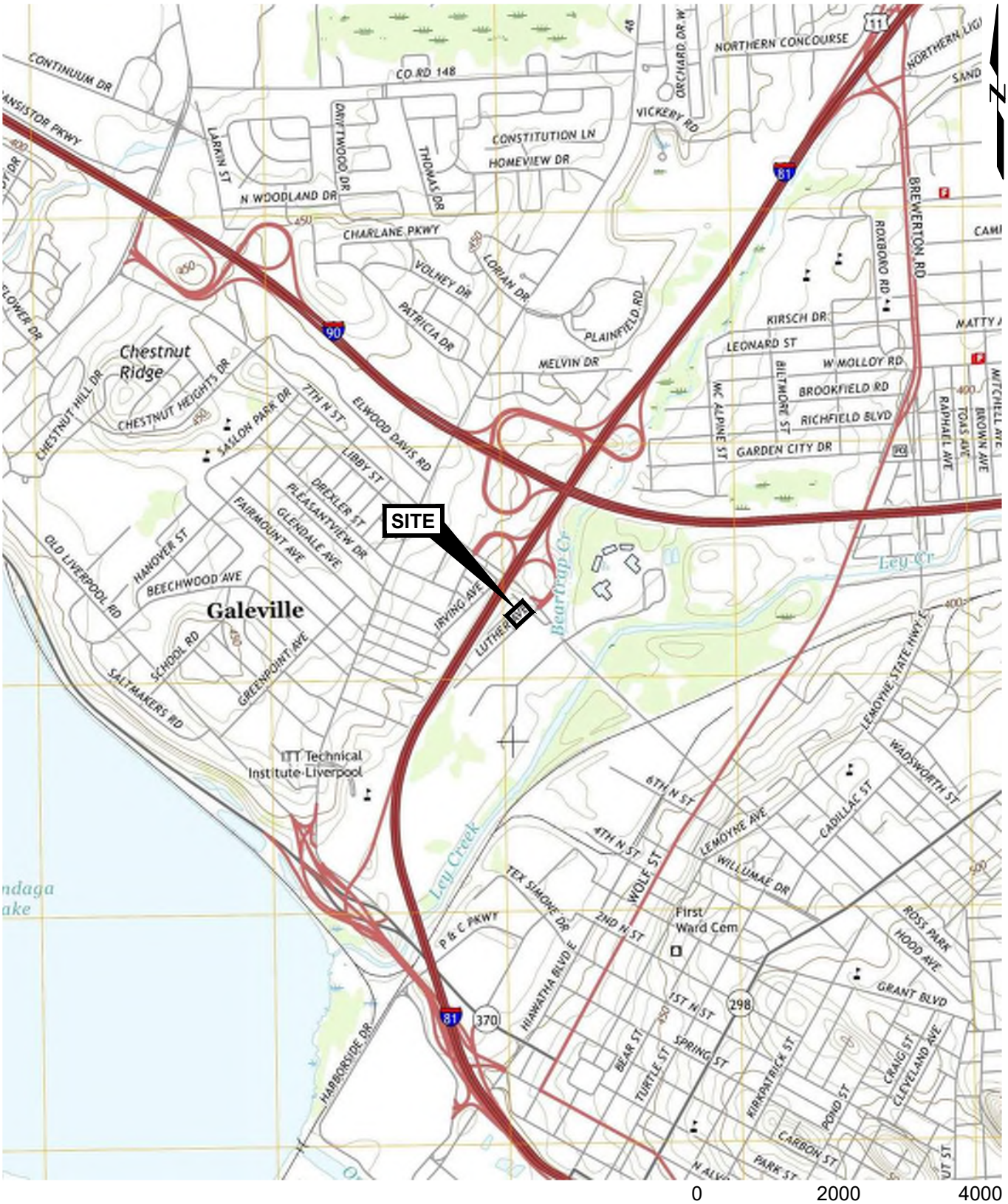
Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

Figures 3 through 7 typically summarize the weather data collected continuously by the Site's meteorological station that is co-located at AIR-101 (Vaisala® WXT-530). However, the station experienced connection issues during the week subject to this submittal and not all of the data could be downloaded, including weather conditions between November 15 08:51 and November 16 08:31, and after November 16 22:25. We are currently troubleshooting the issue and will provide an addendum if/when the data becomes available.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

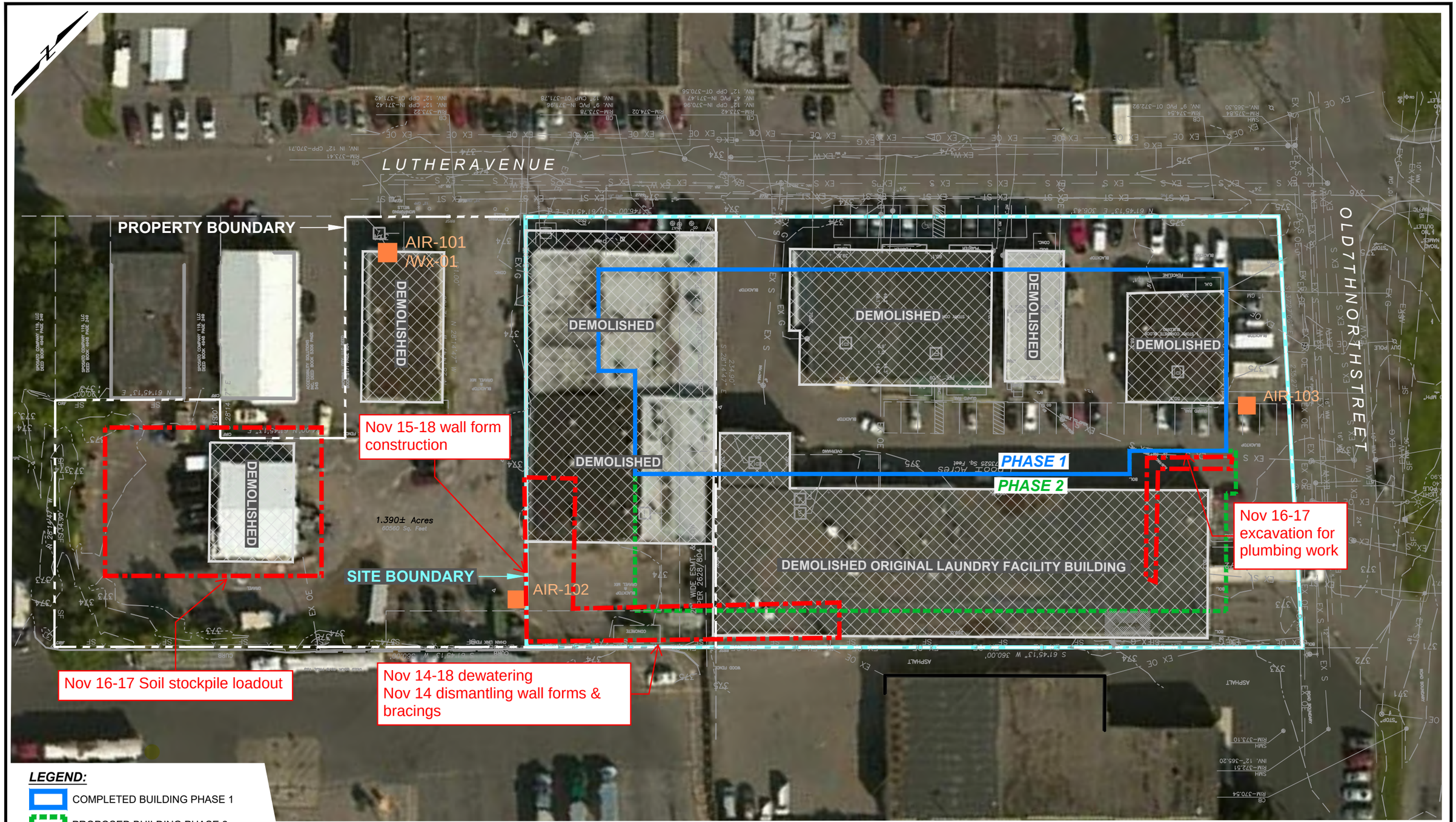
NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP	
Unifirst Liverpool Liverpool, New York	Project 2001642	November 2022	Fig. 1

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\IRMWP 2022\2001642-01 SLM.dwg - 1/19/2022



LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- AIR-101 /Wx-01 — Air Monitoring Station (WS indicates a co-located weather station)

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | November 2022 | Fig. 2

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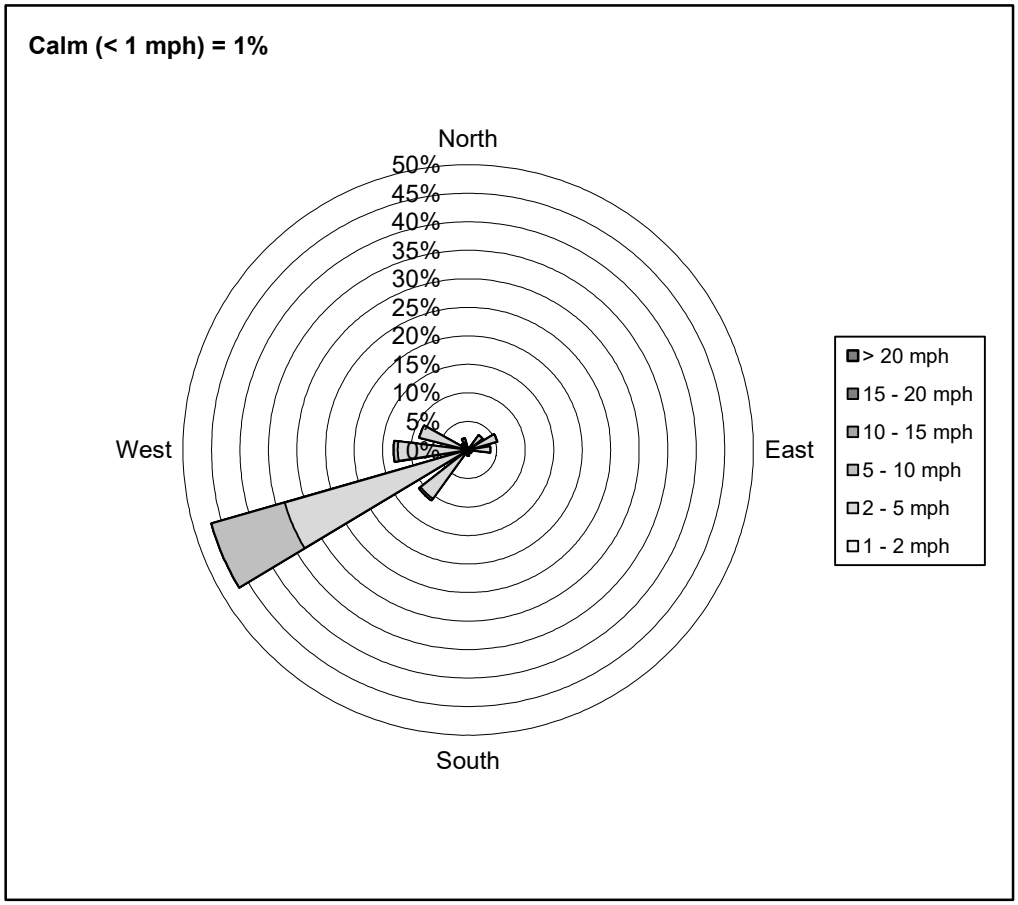


Figure 3. Wind rose for the period 11/13/22 through 11/16/22 collected during air monitoring activities at UniFirst Phase 2 Constuction. Wind direction data used to create the wind rose were calculated from 15-minute data >1 mph.

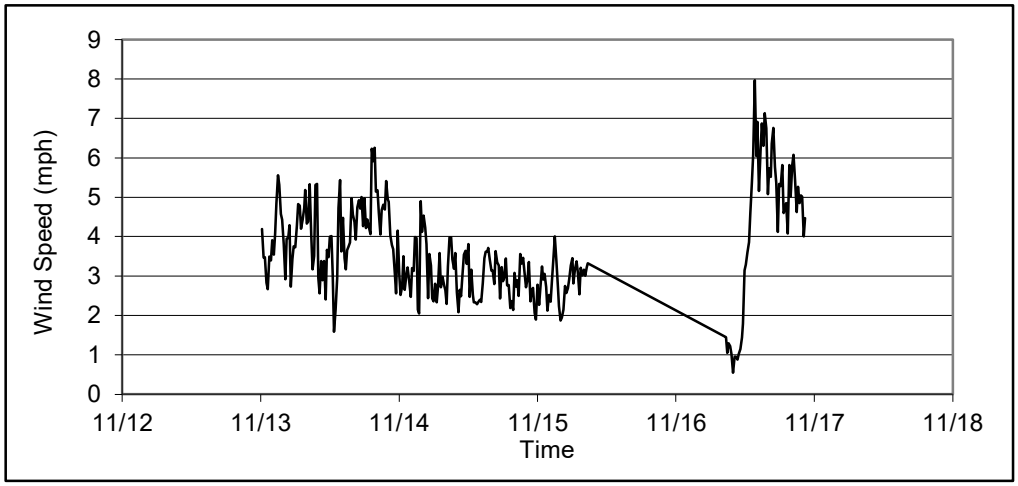


Figure 4. Wind speed for the period 11/13/22 through 11/16/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

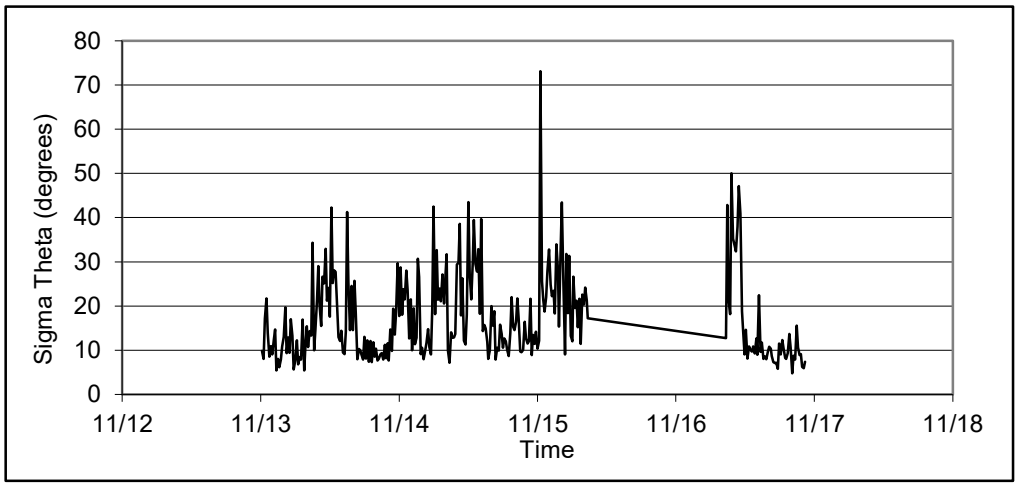


Figure5. Standard deviation of wind direction (sigma theta) for the period 11/13/22 through 11/16/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

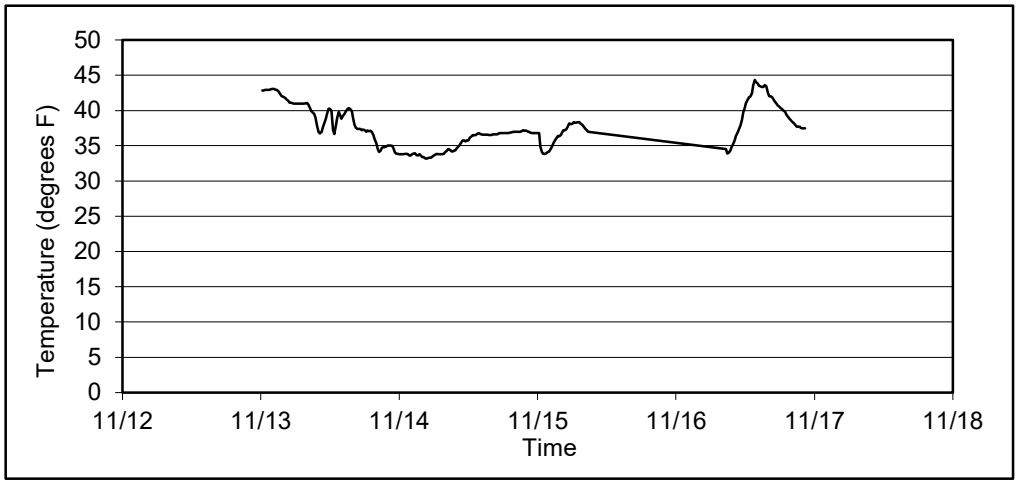


Figure 6. Temperature for the period 11/13/22 through 11/16/22 collected during air monitoring activities at UniFirst Phase 2 Construction. Data are 15-minute averages.

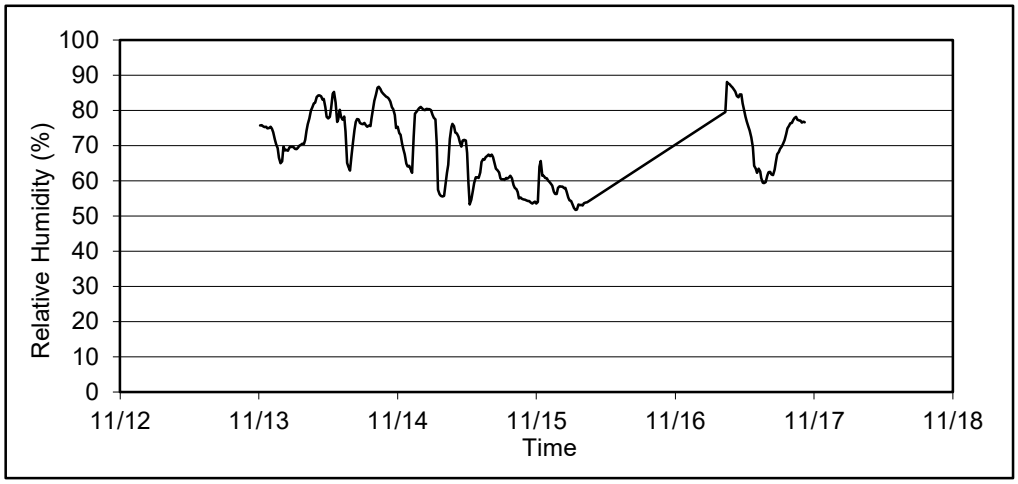


Figure 7. Relative humidity for the period 11/13/22 through 11/16/22 collected during air monitoring actvities at UniFirst Phase 2 Construction. Data are 15-minute averages.

Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)			PM_{10} (ug/m^3)		
Alert Limit	3.7			100		
Action Limit	5.0			150		
Stop Work Limit	25.0			-		
Date	**AIR-101**	**AIR-102**	**AIR-103**	**AIR-101**	**AIR-102**	**AIR-103**
Sun 11/13/2022	0.0	1.5	NM	8	9	2
Mon 11/14/2022	0.9	0.4	0.0	3	32	5
Tue 11/15/2022	0.2	0.1	0.1	10	6	6
Wed 11/16/2022	3.3	0.1	0.1	29	31	30
Thu 11/17/2022	0.0	0.1	0.1	14	15	14
Fri 11/18/2022	0.2	0.0	0.1	18	22	20
Sat 11/19/2022	0.1	0.0	0.0	8	8	6

Notes:

ug/m^3 = micrograms per cubic meter
ppmv = parts per million by volume
TVOC = total volatile organic compounds
PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter
NM = Not Measured

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/14/2022	General Weather Conditions
System Start Time	0.01	34-39 F, cloudy, light snow
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	YES	C&S removing bracing and forms of section of east wall concrete poured on 11/11/22; Sun conducting personal air monitoring; Sun dewatering the water filled in the building wall trench from the rain storm over the weekend, and emptying into the frac tanks.
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
7:30	103					manual measurement - 0.0	
9:00	103					manual measurement - 0.0	
9:30	103					manual measurement - 0.0	
10:30	103					manual measurement - 0.0	
11:00	103					manual measurement - 0.0	

Notes:
On Saturday 11/12/22, Air 102 had an exceedence for VOC between 11:45 and 12:45 - the maximum was 18.65 ppm during this time. No site work was occuring at this time.
Upon arrival on site on Monday 11/14/22, Air 103 was not communicating with the data server - it had stopped communicating over the weekend. First, when calibrating, it was noticed the PID was off - so it was turned on (had full battery in the PID itself) and calibrated. However, it was then noticed that the power and wifi of the CAMP station itself was off. Troubleshooting commenced at 08:00 and finished at 10:45. It appears that the solar battery had died and needed time to recharge. In the meantime, manual readings of VOC were taken and for the duration of troubleshooting it was 0.0 ppm. Dust readings could not be taken at this location during the period because it is directly powered by the CAMP station. No intrusive site work was occuring during this time.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/14/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/15/2022	General Weather Conditions
System Start Time	0.01	32-40 F, cloudy
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Sun dewatering along the concrete east wall and in the south building area deep trench; C&S prepping the forms for the wall in the south building area deep trench
System Calibrations	YES	
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
7:00	101					manual measurement - 0.0	
7:00	103					manual measurement - 0.0	
8:00	101					manual measurement - 0.2	
8:00	103					manual measurement - 0.0	
9:00	103					manual measurement - 0.0	

Notes:
No exceedences.
Upon arrival at site, both Air 101 and Air 103 were offline/powered down. Manual measurements of VOC were taken during the down time and no exceedences for VOC occurred. At approximately 08:15 and 09:00, air 101 and air 103, repsectively, were back online. According to VDV data, the instruments were recording but not communicating during this time period as the data gaps were filled in (no exceedences for VOC or dust). The battery fuses were checked for these stations and no issues were observed, so it appears that the continued cloudy and cold weather is limiting battery lifetime right now.
Additionally, between 05:30 and 08:15, Air 102 dust was off. During this period and during the offline periods for air 101 and 103, no instrusive site work was occuring. Dewatering and form preperation were taking place in the south and east building areas.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/15/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/16/2022	General Weather Conditions
System Start Time	0.01	32-44 F, wintry mix in morning, cloudy throughout the day
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	YES	C&S continues laying forms out for the wall in the south and east building area; sun conducting personal air monitoring and running sump pumps for dewatering around the forms; loading trucks from the major stockpile in the staging area for offsite disposal; excavation of shallow trench by elevator shaft for plumbing line, and associated soil stockpiling
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
7:30	101					manual measurement - 0.0	
7:30	102					manual measurement - 0.1	
7:30	103					manual measurement - 0.0	
8:00	101					manual measurement - 0.0	
8:00	102					manual measurement - 0.1	
8:00	103					manual measurement - 0.0	
8:30	101					manual measurement - 0.0	
8:30	102					manual measurement - 0.0	
8:30	103					manual measurement - 0.0	

Notes:
No exceedences.
Upon arrival at site, all CAMP stations were offline/powered down. Manual measurements of VOC were taken during the down time and no exceedences for VOC occurred. At approximately 08:40, 09:00, and 09:00, air 101, air 102, and air 103, respectively, were back online. It appears that the issue of continued cloudy and cold weather is limiting battery lifetime right now.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/16/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/17/2022	General Weather Conditions
System Start Time	0.01	32-37 F, cloudy, sun in midday
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	YES	C&S continues laying forms out for the wall in the south and east building area; sun conducting personal air monitoring and running sump pumps for dewatering around the forms; loading trucks from the major stockpile in the staging area for offsite disposal; excavation of shallow trench by elevator shaft for plumbing line, and associated soil stockpiling
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
7:00	101					manual measurement - 0.0	
7:00	102					manual measurement - 0.0	
7:00	103					manual measurement - 0.0	
8:00	101					manual measurement - 0.0	
8:00	102					manual measurement - 0.0	
8:00	103					manual measurement - 0.0	

Notes:
No exceedences.
Upon arrival at site, all CAMP stations were offline/powered down. Manual measurements of VOC were taken during the down time and no exceedences for VOC occurred. At approximately 08:00, all stations were back online. It appears that the issue of continued cloudy and cold weather is limiting battery lifetime right now.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/17/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/18/2022	General Weather Conditions
System Start Time	0.01	32-36 F, partly cloudy
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	YES	C&S continues working on forms for the wall in the south and east building area; sun conducting personal air monitoring and running sump pumps for dewatering around the forms;
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
7:00	102					manual measurement - 0.0	
7:00	103					manual measurement - 0.0	
8:00	102					manual measurement - 0.0	
8:00	103					manual measurement - 0.1	
8:30	102					manual measurement - 0.0	

Notes:
No exceedences.
Upon arrival at site, CAMP stations 102 and 103 were offline/powered down. Manual measurements of VOC were taken during the down time and no exceedences for VOC occurred. At approximately 08:15 and 08:30, stations 102 and 103 were back online. It appears that the issue of continued cloudy and cold weather is limiting battery lifetime right now.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Davis Miller
Date: 11/18/2022

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GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Tim Cosgrave and Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: November 29, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
November 20, 2022 through November 26, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103) are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were no measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Dewatering;
- Construction of pile cap forms;
- Excavation and transfer to stockpile (southern corner of site);

- Pouring concrete and testing rebar and concrete; and
- Backfill in areas where concrete forming is complete (northern portion of site).

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

The onsite weather station WX-1 has malfunctioned and requires off-site service. As such, a summary of general weather conditions collected from the local Syracuse Hancock International Airport for WE 11/26/22 is presented in Table 2 in place of the on-site weather data. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)

Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)			PM_{10} (ug/m^3)		
Alert Limit	3.7			100		
Action Limit	5.0			150		
Stop Work Limit	25.0			-		
Date	**AIR-101**	**AIR-102**	**AIR-103**	**AIR-101**	**AIR-102**	**AIR-103**
Sun 11/20/2022	0.0	0.0	0.0	5	6	6
Mon 11/21/2022	0.0	0.0	0.1	6	9	7
Tue 11/22/2022	0.2	0.1	0.1	32	32	31
Wed 11/23/2022	0.2	0.1	0.1	31	35	35
Thu 11/24/2022	0.2	0.1	0.1	45	45	44
Fri 11/25/2022	0.4	0.1	0.0	26	32	27
Sat 11/26/2022	0.0	0.1	0.0	6	9	8

Notes:

ug/m^3 = micrograms per cubic meter
ppmv = parts per million by volume
TVOC = total volatile organic compounds
PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter
NM = Not Measured

Table 2: Meteorological Data from Syracuse
Hancock International Airport
Unifirst Corporation
Liverpool, NY

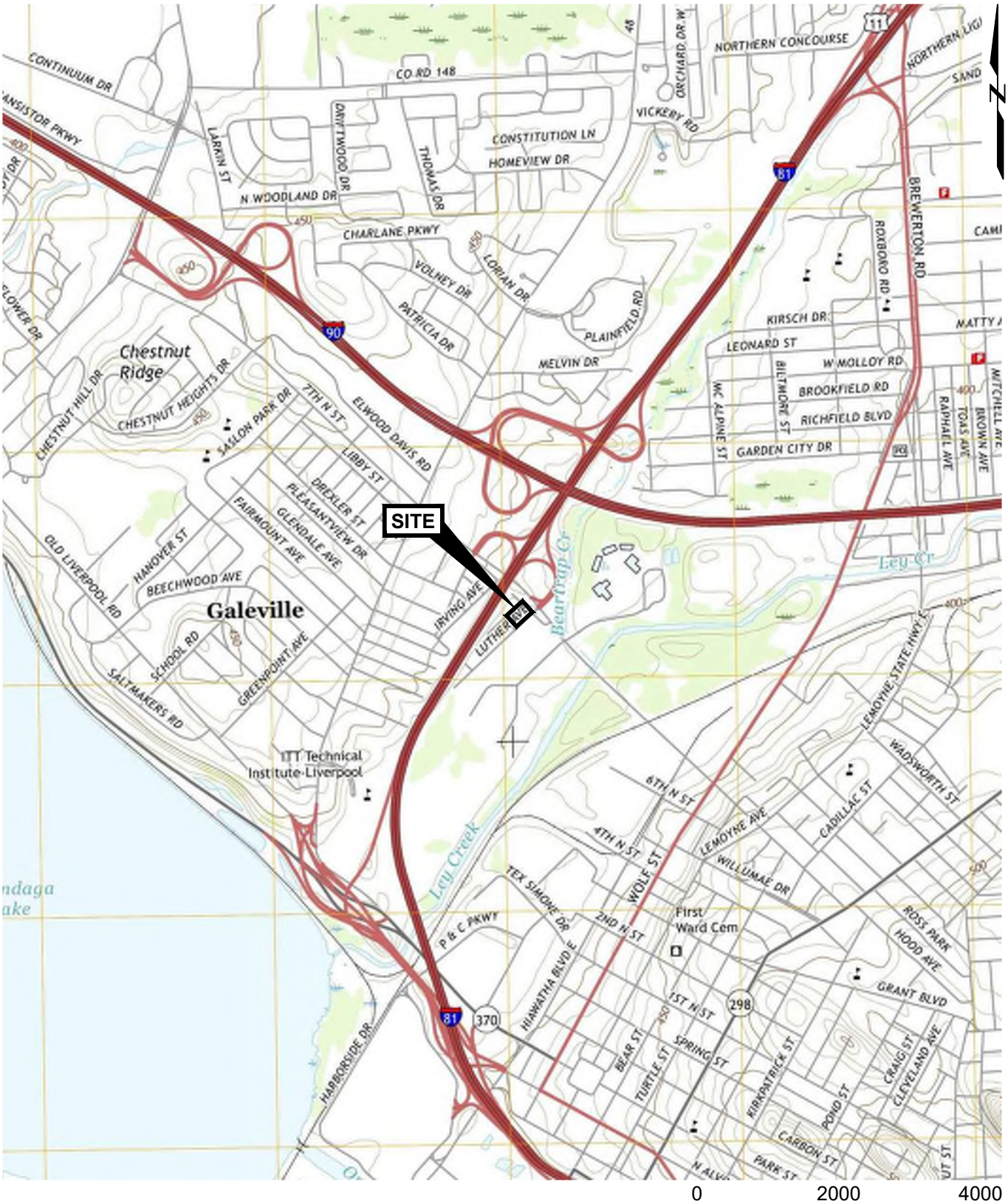
time	Temperature	Dew Point	Relative Humidity	Total Precipitation	Snow Depth	Wind Direction	Wind Speed	Peak Gust	Air Pressure	Sunshine Duration	Weather Condition Code
2022-11-20 00:00:00	1	-8.5	49	0	-	250	22	-	1012	-	4
2022-11-20 01:00:00	-1.1	-7.3	63	0	-	270	29.5	-	1012.4	-	4
2022-11-20 02:00:00	-2.2	-7.1	69	0.1	-	240	25.9	-	1012.9	-	4
2022-11-20 03:00:00	-1.7	-8.9	58	0.2	-	250	27.7	-	1012.9	-	4
2022-11-20 04:00:00	-2.2	-11	51	0	-	250	27.7	-	1013.5	-	4
2022-11-20 05:00:00	-2.8	-13.4	44	0	-	240	30	-	1013.9	-	4
2022-11-20 06:00:00	-3	-13	46	0	-	240	30	-	1014	-	3
2022-11-20 07:00:00	-2.8	-13.4	44	0	-	250	41	-	1015.5	-	12
2022-11-20 08:00:00	-2.2	-15	37	0	-	260	44	-	1016.8	-	3
2022-11-20 09:00:00	-1.7	-13.2	41	0	-	250	50	-	1017.2	-	3
2022-11-20 10:00:00	-2	-12.9	43	0	-	260	52	-	1018	-	12
2022-11-20 11:00:00	-0.6	-12.9	39	0	-	260	50	-	1018.1	-	12
2022-11-20 12:00:00	0.6	-12.8	36	0	-	250	48	-	1018.2	-	3
2022-11-20 13:00:00	0	-15.5	30	0	-	270	52	-	1018.8	-	3
2022-11-20 14:00:00	-0.6	-15.7	31	0	-	250	42.5	-	1019.7	-	3
2022-11-20 15:00:00	-1	-14.2	36	0	-	250	39	-	1020	-	4
2022-11-20 16:00:00	-2	-13.8	40	0	-	250	37	-	1021	-	14
2022-11-20 17:00:00	-2	-13.2	42	0	-	240	32	-	1022	-	12
2022-11-20 18:00:00	-4	-10	63	0.1	-	290	24	-	1024	-	14
2022-11-20 19:00:00	-4	-9.4	66	0.2	-	290	26	-	1024	-	14
2022-11-20 20:00:00	-4.4	-8.3	74	0.3	-	300	13	-	1025.4	-	14
2022-11-20 21:00:00	-4	-9	68	0.2	-	270	19	-	1026	-	14
2022-11-20 22:00:00	-4	-11.7	55	0.2	-	270	17	-	1026	-	14
2022-11-20 23:00:00	-3.9	-11.6	55	0	-	260	11.2	-	1026.4	-	14
2022-11-21 00:00:00	-4	-11.3	57	0	-	220	11	-	1026	-	14
2022-11-21 01:00:00	-4.4	-12.1	55	0	-	250	13	-	1026.4	-	12
2022-11-21 02:00:00	-3.3	-12.3	50	0	-	220	14.8	-	1026.9	-	14
2022-11-21 03:00:00	-2.8	-10.6	55	0	-	240	22.3	-	1026.7	-	4
2022-11-21 04:00:00	-3	-9.7	60	0	-	180	15	-	1026	-	4
2022-11-21 05:00:00	-3	-9.1	63	0	-	180	17	-	1026	-	3
2022-11-21 06:00:00	-1.7	-8.9	58	0	-	180	16.6	-	1026.3	-	3
2022-11-21 07:00:00	-1.7	-8.9	58	0	-	170	16.6	-	1026.1	-	3
2022-11-21 08:00:00	-1	-11.7	44	0	-	190	26	-	1025	-	3
2022-11-21 09:00:00	0	-12.3	39	0	-	170	22.3	-	1024.1	-	3
2022-11-21 10:00:00	2	-12.2	34	0	-	190	20	-	1023	-	4
2022-11-21 11:00:00	2.8	-11.5	34	0	-	190	24.1	-	1021.5	-	4
2022-11-21 12:00:00	3.3	-11.8	32	0	-	200	25.9	-	1020	-	4
2022-11-21 13:00:00	4.4	-11.7	30	0	-	190	24.1	-	1018.5	-	4
2022-11-21 14:00:00	5	-12	28	0	-	190	32	-	1017	-	4
2022-11-21 15:00:00	5	-11.6	29	0	-	180	42.5	-	1016	-	4
2022-11-21 16:00:00	4.4	-11.7	30	0	-	190	27.7	-	1016.2	-	4
2022-11-21 17:00:00	4.4	-10.5	33	0	-	200	28	-	1017.1	-	3
2022-11-21 18:00:00	4.4	-10.1	34	0	-	250	24.1	-	1018.4	-	3
2022-11-21 19:00:00	6	-9.1	33	0	-	220	24	-	1019	-	3
2022-11-21 20:00:00	5.6	-8.3	36	0	-	250	18.4	-	1020.1	-	3
2022-11-21 21:00:00	5.6	-5.1	46	0	-	270	33	-	1021.1	-	3
2022-11-21 22:00:00	5.6	-5.7	44	0	-	250	25.9	-	1021.8	-	4
2022-11-21 23:00:00	5	-5.1	48	0	-	250	24.1	-	1022.7	-	4
2022-11-22 00:00:00	5	-5.1	48	0	-	240	28	-	1023	-	4
2022-11-22 01:00:00	4.4	-4.4	53	0	-	240	22.3	-	1024.1	-	4
2022-11-22 02:00:00	4.4	-3.9	55	0	-	240	11.2	-	1024.9	-	4
2022-11-22 03:00:00	4.4	-3.9	55	0	-	250	16.6	-	1025.3	-	4
2022-11-22 04:00:00	3.9	-3.9	57	0	-	240	16.6	-	1025.2	-	14
2022-11-22 05:00:00	4	-3.8	57	0	-	250	17	-	1026	-	12
2022-11-22 06:00:00	3.9	-4.3	55	0	-	260	14.8	-	1026.3	-	4
2022-11-22 07:00:00	3.9	-3.9	57	0	-	250	13	-	1026.4	-	4
2022-11-22 08:00:00	4.4	-4.4	53	0	-	240	18.4	-	1026.7	-	4

Table 2: Meteorological Data from Syracuse
Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature	Dew Point	Relative Humidity	Total Precipitation	Snow Depth	Wind Direction	Wind Speed	Peak Gust	Air Pressure	Sunshine Duration	Weather Condition Code
2022-11-22 09:00:00	6.1	-5	45	0	-	250	18.4	-	1026.3	-	3
2022-11-22 10:00:00	7	-4.7	43	0	-	240	22	-	1026	-	3
2022-11-22 11:00:00	7.2	-4.3	44	0	-	240	14.8	-	1024.8	-	3
2022-11-22 12:00:00	7.2	-4	45	0	-	240	20.5	-	1023.8	-	3
2022-11-22 13:00:00	7.2	-4	45	0	-	210	14.8	-	1022.9	-	3
2022-11-22 14:00:00	7	-4.4	44	0	-	200	11	-	1022	-	3
2022-11-22 15:00:00	6.7	-4.4	45	0	-	200	7.6	-	1021.4	-	3
2022-11-22 16:00:00	6.7	-5	43	0	-	130	7.6	-	1020.9	-	3
2022-11-22 17:00:00	2.8	-4.4	59	0	-	90	5.4	-	1020.8	-	4
2022-11-22 18:00:00	1.1	-5	64	0	-	100	5.4	-	1020.6	-	3
2022-11-22 19:00:00	1	-5.1	64	0	-	174	5.5	-	1020	-	3
2022-11-22 20:00:00	0	-5	69	0	-	0	0	-	1020	-	3
2022-11-22 21:00:00	0	-5	69	0	-	0	0	-	1019.8	-	3
2022-11-22 22:00:00	-1	-4.7	76	0	-	170	7	-	1020	-	3
2022-11-22 23:00:00	2	-3.1	69	0	-	250	9	-	1020	-	3
2022-11-23 00:00:00	2	-4.1	64	0	-	270	11	-	1020	-	3
2022-11-23 01:00:00	4.4	-2.7	60	0	-	240	14.8	-	1020.1	-	4
2022-11-23 02:00:00	3.3	-2.9	64	0	-	250	9.4	-	1020.5	-	4
2022-11-23 03:00:00	3.9	-2.7	62	0	-	240	13	-	1020.5	-	4
2022-11-23 04:00:00	4	-2.2	64	0	-	240	11	-	1021	-	4
2022-11-23 05:00:00	3	-2.5	67	0	-	270	13	-	1021	-	4
2022-11-23 06:00:00	1.1	-3.2	73	0	-	250	11.2	-	1022.3	-	4
2022-11-23 07:00:00	1.1	-3.2	73	0	-	250	9.4	-	1023	-	3
2022-11-23 08:00:00	4.4	-1.6	65	0	-	260	13	-	1023.6	-	3
2022-11-23 09:00:00	6.7	-1	58	0	-	260	13	-	1023.9	-	3
2022-11-23 10:00:00	7	-1.4	55	0	-	280	13	-	1024	-	3
2022-11-23 11:00:00	7.8	-1.2	53	0	-	290	13	-	1024	-	7
2022-11-23 12:00:00	7.8	-1.7	51	0	-	300	9.4	-	1023.9	-	4
2022-11-23 13:00:00	8.3	-1.8	49	0	-	300	9.4	-	1023.9	-	4
2022-11-23 14:00:00	9	-0.9	50	0	-	340	9	-	1024	-	4
2022-11-23 15:00:00	8.3	-1.8	49	0	-	0	0	-	1024.2	-	4
2022-11-23 16:00:00	4.4	-1	68	0	-	40	5.4	-	1024.9	-	3
2022-11-23 17:00:00	3.9	-0.5	73	0	-	70	5.4	-	1025.4	-	4
2022-11-23 18:00:00	2.2	-1.1	79	0	-	0	0	-	1026.2	-	3
2022-11-23 19:00:00	1	-1.7	82	0	-	100	6	-	1026	-	3
2022-11-23 20:00:00	1.1	-2.1	79	0	-	100	5.4	-	1027.2	-	3
2022-11-23 21:00:00	0	-3.2	79	0	-	118	1.8	-	1027	-	3
2022-11-23 22:00:00	-1.1	-4.4	78	0	-	110	7.6	-	1027.1	-	3
2022-11-23 23:00:00	-1	-4.4	78	0	-	100	9	-	1027	-	3
2022-11-24 00:00:00	-1.7	-3.9	85	0	-	90	7.6	-	1027.2	-	3
2022-11-24 01:00:00	-2.2	-5	81	0	-	90	5.4	-	1027.2	-	3
2022-11-24 02:00:00	-2.2	-4.4	85	0	-	90	7.6	-	1027.2	-	5
2022-11-24 03:00:00	-3.3	-5	88	0	-	80	7.6	-	1027.1	-	5
2022-11-24 04:00:00	-2.8	-5	85	0	-	90	9.4	-	1026.7	-	5
2022-11-24 05:00:00	-3	-4.7	88	0	-	90	9	-	1027	-	5
2022-11-24 06:00:00	-2.8	-5	85	0	-	100	7.6	-	1026.8	-	5
2022-11-24 07:00:00	-2.2	-4.4	85	0	-	100	7.6	-	1027	-	5
2022-11-24 08:00:00	0	-2.2	85	0	-	90	7.6	-	1026.9	-	2
2022-11-24 09:00:00	3	-0.8	76	0	-	100	6	-	1026	-	2
2022-11-24 10:00:00	5.6	-0.7	64	0	-	0	0	-	1025.4	-	2
2022-11-24 11:00:00	8.3	0	56	0	-	110	5.4	-	1024.6	-	14
2022-11-24 12:00:00	11.1	0.5	48	0	-	0	0	-	1023.6	-	3
2022-11-24 13:00:00	12.8	0.5	43	0	-	0	0	-	1022.7	-	3
2022-11-24 14:00:00	12	0.4	45	0	-	10	9	-	1022	-	3
2022-11-24 15:00:00	9.4	0.6	54	0	-	50	7.6	-	1021.6	-	3
2022-11-24 16:00:00	6.1	-0.6	62	0	-	80	7.6	-	1021.2	-	3
2022-11-24 17:00:00	3	-1.4	73	0	-	80	5.4	-	1021.2	-	2

Table 2: Meteorological Data from Syracuse
Hancock International Airport
Unifirst Corporation
Liverpool, NY

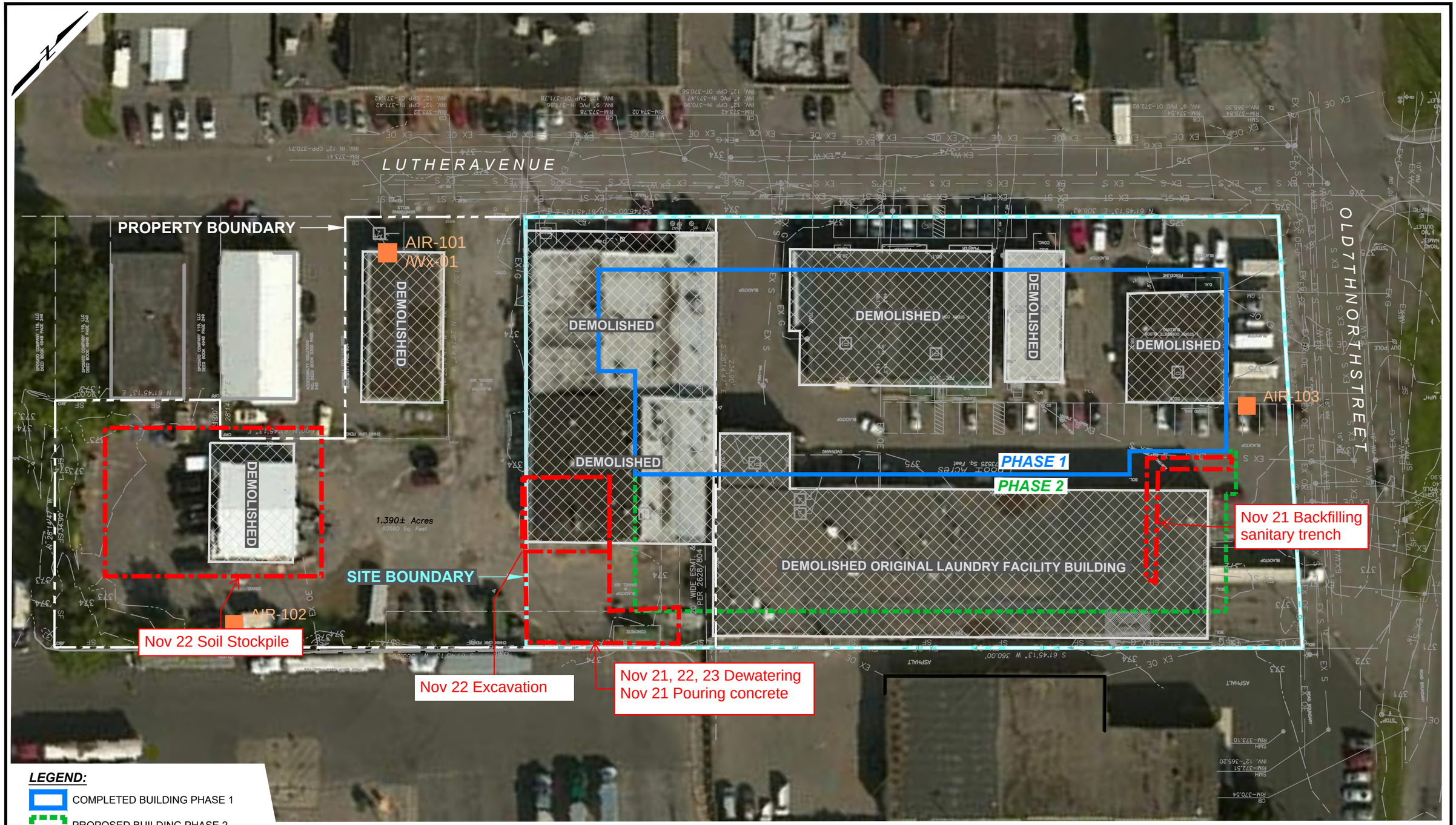
time	Temperature	Dew Point	Relative Humidity	Total Precipitation	Snow Depth	Wind Direction	Wind Speed	Peak Gust	Air Pressure	Sunshine Duration	Weather Condition Code
2022-11-24 18:00:00	3.9	-1.7	67	0	-	120	9.4	-	1019.8	-	3
2022-11-24 19:00:00	5	-2.8	57	0	-	160	9	-	1020	-	3
2022-11-24 20:00:00	8.9	-3.3	42	0	-	170	7.6	-	1018.8	-	3
2022-11-24 21:00:00	8	-2.4	48	0	-	180	15	-	1018	-	3
2022-11-24 22:00:00	8.3	-2.7	46	0	-	150	9.4	-	1016.5	-	3
2022-11-24 23:00:00	8	-2.4	48	0	-	180	17	-	1016	-	3
2022-11-25 00:00:00	9.4	-2.9	42	0	-	190	7.6	-	1014.5	-	3
2022-11-25 01:00:00	9.4	-2.2	44	0	-	220	13	-	1013.8	-	3
2022-11-25 02:00:00	9.4	-2.2	44	0	-	200	16.6	-	1012.6	-	4
2022-11-25 03:00:00	9	-1.7	47	0.2	-	220	11	-	1012	-	4
2022-11-25 04:00:00	9	1.4	59	0	-	220	22	-	1012	-	7
2022-11-25 05:00:00	7.8	4.4	79	0.3	-	170	14.8	-	1009.7	-	7
2022-11-25 06:00:00	7.2	4	80	0.9	-	190	14.8	-	1009.2	-	7
2022-11-25 07:00:00	8	3.6	74	0.9	-	210	22	-	1009	-	7
2022-11-25 08:00:00	7.8	4.4	79	0.2	-	230	22.3	-	1009	-	7
2022-11-25 09:00:00	8.3	5.1	80	0.1	-	240	16.6	-	1009	-	7
2022-11-25 10:00:00	8	5.8	86	0.3	-	280	28	-	1009	-	7
2022-11-25 11:00:00	7.8	6.7	93	0.3	-	280	35	-	1009	-	7
2022-11-25 12:00:00	8	3.5	73	0.2	-	280	33	-	1010	-	7
2022-11-25 13:00:00	7.8	1.6	65	0	-	290	41	-	1010	-	7
2022-11-25 14:00:00	7	1.9	70	0	-	280	26	-	1011	-	7
2022-11-25 15:00:00	6.7	1.6	70	0	-	280	32	-	1011.3	-	7
2022-11-25 16:00:00	5.6	2.2	79	0.2	-	290	30	-	1012	-	7
2022-11-25 17:00:00	6.1	1	70	0.2	-	290	24.1	-	1013	-	7
2022-11-25 18:00:00	6	0.9	70	0	-	290	28	-	1014	-	7
2022-11-25 19:00:00	6	-0.3	64	0	-	290	17	-	1014	-	7
2022-11-25 20:00:00	5.6	-1.1	62	0.2	-	290	16.6	-	1014.9	-	7
2022-11-25 21:00:00	5.6	-1.1	62	0.2	-	290	18.4	-	1015.3	-	7
2022-11-25 22:00:00	5.6	-0.7	64	0.1	-	290	20.5	-	1015.4	-	7
2022-11-25 23:00:00	6	-0.3	64	0	-	280	11	-	1016	-	12
2022-11-26 00:00:00	4.4	1.1	79	0	-	300	14.8	-	1015.7	-	4
2022-11-26 01:00:00	3.9	1.8	86	0.2	-	240	24.1	-	1016	-	12
2022-11-26 02:00:00	3.9	2.3	89	0.3	-	260	13	-	1016.5	-	12
2022-11-26 03:00:00	4.4	1.1	79	0.3	-	250	16.6	-	1016	-	12
2022-11-26 04:00:00	4	0.2	76	0.1	-	250	20	-	1017	-	4
2022-11-26 05:00:00	4.4	0	73	0	-	250	20.5	-	1017.1	-	4
2022-11-26 06:00:00	4.4	0	73	0	-	250	16.6	-	1017.4	-	4
2022-11-26 07:00:00	3.9	-0.5	73	0	-	240	18.4	-	1017.3	-	4
2022-11-26 08:00:00	5	0	70	0	-	230	17	-	1018	-	3
2022-11-26 09:00:00	6	-0.1	65	0	-	230	13	-	1018	-	3
2022-11-26 10:00:00	7.2	1.1	65	0	-	250	16.6	-	1017	-	3
2022-11-26 11:00:00	10.6	1.1	52	0	-	240	18.4	-	1015.2	-	7
2022-11-26 12:00:00	11.1	0.5	48	0	-	230	24.1	-	1014.5	-	2
2022-11-26 13:00:00	11.7	0.2	45	0	-	220	20.5	-	1013.8	-	2
2022-11-26 14:00:00	13	-1	38	0	-	220	19	-	1013	-	2
2022-11-26 15:00:00	12.2	-1	40	0	-	220	13	-	1012.3	-	2
2022-11-26 16:00:00	10	-2.7	41	0	-	220	11.2	-	1012	-	2
2022-11-26 17:00:00	10	-4	37	0	-	220	14.8	-	1012.2	-	2
2022-11-26 18:00:00	9	-4.9	37	0	-	210	11	-	1013	-	2
2022-11-26 19:00:00	8.9	-5.8	35	0	-	270	5.4	-	1012.7	-	2
2022-11-26 20:00:00	3.3	-3.3	62	0	-	0	0	-	1012.8	-	2
2022-11-26 21:00:00	2.8	-2.7	67	0	-	0	0	-	1012.5	-	2
2022-11-26 22:00:00	1	-2.9	75	0	-	220	7.4	-	1012	-	2
2022-11-26 23:00:00	1	-2.4	78	0	-	207	9.3	-	1012	-	2



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP	
Unifirst Liverpool Liverpool, New York	Project 2001642	November 2022	Fig. 1

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LEGEND:

COMPLETED BUILDING PHASE 1

PROPOSED BUILDING PHASE 2

Intrusive work areas

AIR-101 /Wx-01 Air Monitoring Station (WS indicates a co-located weather station)

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	November 2022 / Fig. 2

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/21/2022	General Weather Conditions
System Start Time	0.00	32-40° F, mostly cloudy, windy
System Stop Time	24	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	YES	C&S working on forms and pouring concrete in section of wall on south and east side of building; W&A backfilling saniftary trench at north end of site; ATL performining concrete testing and rebar inspection; Sun conducting personal air monitoring and running sump pumps for dewatering around the forms.
(Time/Status)	7:30:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No exceedences

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Breana Pabst
Date: 11/21/2022

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GEI Consultants

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/22/2022	General Weather Conditions
System Start Time	0.01	Mostly cloudy
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		Dewater excavation, stripping forms, installing forms south wall and SW corner of new building
System Calibrations	Yes	
(Time/Status)		

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Tim Dixon
Date: 11/22/2022

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Data Collection Forms and Worksheets
Air Monitrong Plan Name
Site Name
Site Location

Daily CAMP Report

System Operations	
Sampling Date	11/23/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	Yes
(Time/Status)	

General Observations

General Weather Conditions

Mostly cloudy

General Description of Site Activities:

Dewater excavation, excavation in SW corner, stripping forms, installing forms

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Tim Dixon
Date: 11/23/2022

Page 1 of __1__

GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Tim Cosgrave and Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: December 8, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
November 27, 2022 through December 3, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103) are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period.[1] There were no measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

[1] As shown in Table 1, the maximum 15-minute average TVOC concentration at AIR-103 was 25.6ppmv on December 1, 2022 at 1030. This reading was made while the 100ppm calibration gas remained hooked up to the monitor following calibration.

- Installation of ramp for new building footprint (western corner);
- Installation of vapor sampling point (northeast corner);
- Construction of pile cap forms;
- Removal of pile cap forms (eastern wall);
- Staging imported fill for future use;
- Backfill in areas where concrete forming is complete (north, southwest); and
- Excavation and transfer to stockpile (southern corner);

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

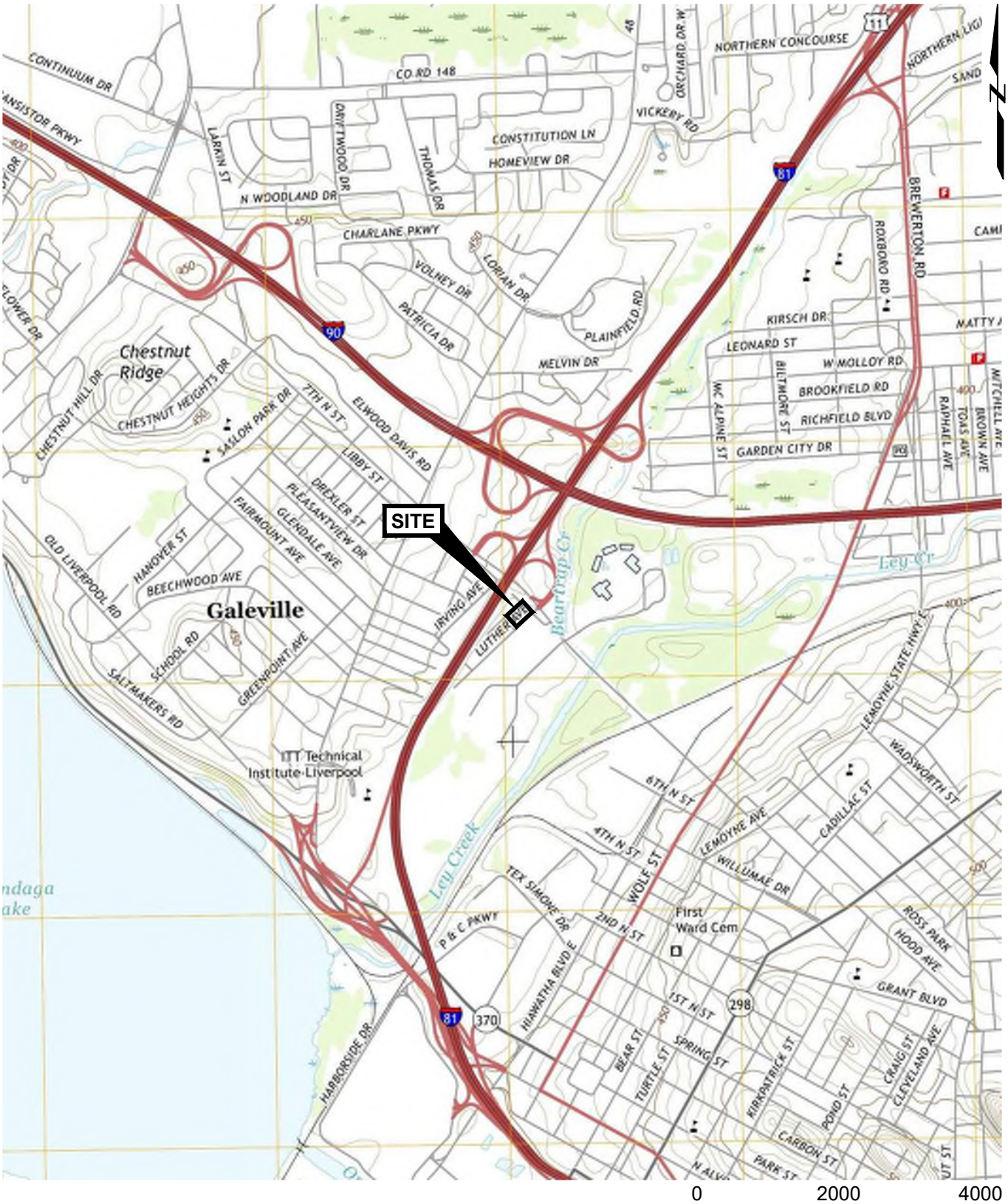
Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

The onsite weather station WX-1 has malfunctioned and requires off-site service. As such, a summary of general weather conditions collected from the local Syracuse Hancock International Airport (SYR) for WE 12/03/22 is presented in Table 2 in place of the on-site weather data. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)

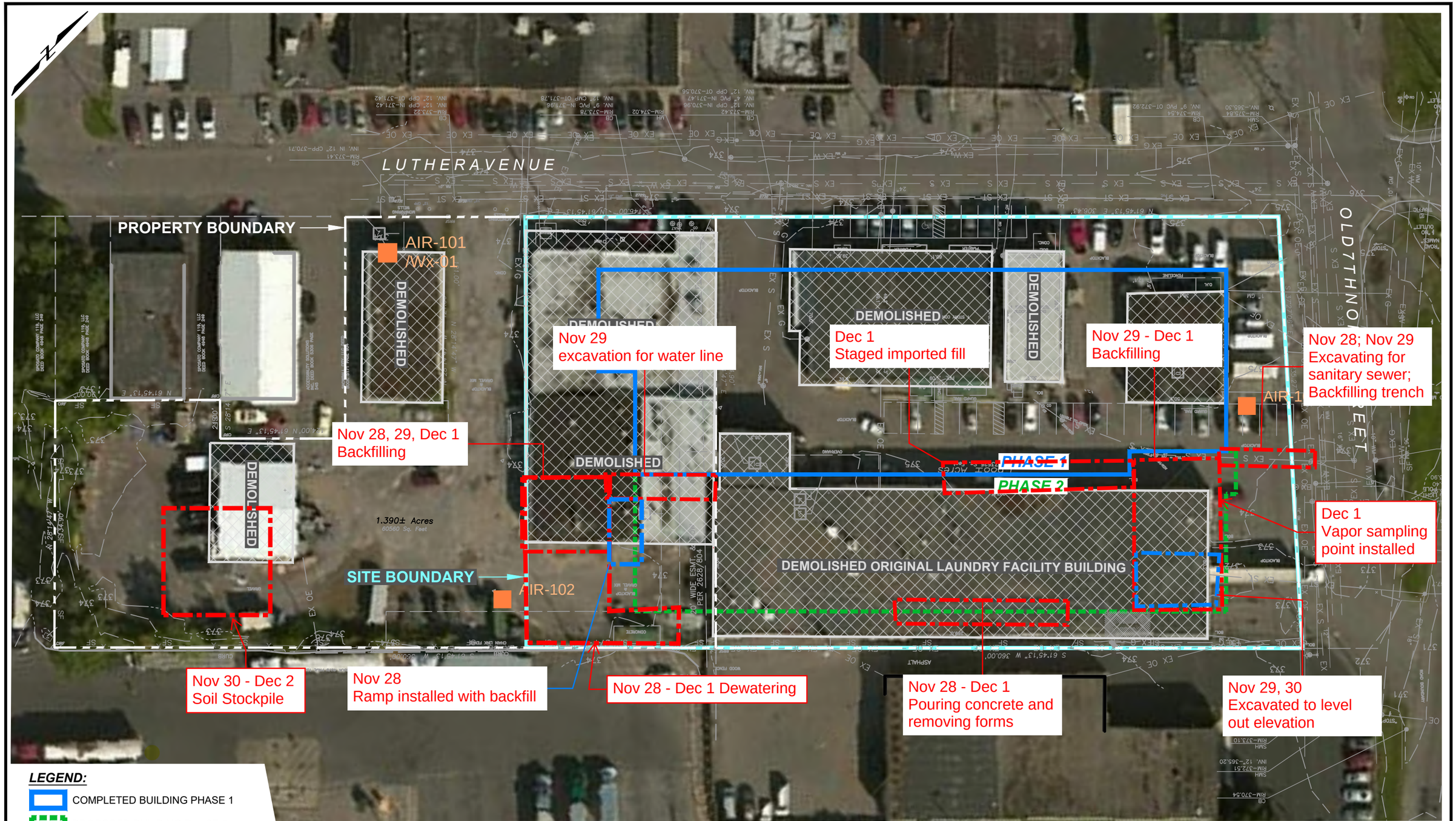


SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

SCALE: 1" = 2000'

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	December 2022 — Fig. 1

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LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- AIR-101 /Wx-01 — Air Monitoring Station (WS indicates a co-located weather station)

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	December 2022 — Fig. 2

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Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)			PM_{10} (ug/m^3)		
Alert Limit	3.7			100		
Action Limit	5.0			150		
Stop Work Limit	25.0			-		
Date	**AIR-101**	**AIR-102**	**AIR-103**	**AIR-101**	**AIR-102**	**AIR-103**
Sun 11/27/2022	1.1	0.1	0.0	25	27	35
Mon 11/28/2022	0.2	0.6	0.0	7	9	6
Tue 11/29/2022	0.0	0.0	0.1	14	16	10
Wed 11/30/2022	2.5	0.0	NM	3	4	NM
Thu 12/1/2022	2.0	1.3	25.6	2	4	3
Fri 12/2/2022	0.6	2.0	0.7	16	13	9
Sat 12/3/2022	NM	0.0	0.1	4	6	6

Notes:

ug/m^3 = micrograms per cubic meter

ppmv = parts per million by volume

TVOC = total volatile organic compounds

PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter

NM = Not Measured.

Weather conditions and equipment location did not provide sufficient solar power to run this station. TVOC readings associated with personnel air monitoring were below detectable levels for the duration of intrusive activities on 11/30/22.

Table 2: Meteorological Data from Syracuse Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature *℃*	Dew Point *℃*	Relative Humidity *%*	Total Precipitation *mm*	Snow Depth	Wind Direction	Wind Speed *km/h*	Peak Gust	Air Pressure *hPa*	Sunshine Duration	Weather Condition Code
2022-11-27 00:00:00	0	-2.9	81	0	-	0	0	-	1011.3	-	2
2022-11-27 01:00:00	0	-2.9	81	0	-	0	0	-	1011	-	2
2022-11-27 02:00:00	-0.6	-3.3	82	0	-	80	5.4	-	1010.5	-	2
2022-11-27 03:00:00	0	-2.2	85	0	-	90	5.4	-	1010.2	-	2
2022-11-27 04:00:00	-1	-2.6	89	0	-	70	7	-	1010	-	2
2022-11-27 05:00:00	2.2	-2.7	70	0	-	90	11.2	-	1009.4	-	2
2022-11-27 06:00:00	1.1	-1.6	82	0	-	80	7.6	-	1008.6	-	3
2022-11-27 07:00:00	1.1	-2.1	79	0	-	70	5.4	-	1007.6	-	3
2022-11-27 08:00:00	3.3	-0.5	76	0	-	100	7.6	-	1006.9	-	3
2022-11-27 09:00:00	7	-0.2	60	0	-	50	11	-	1005	-	4
2022-11-27 10:00:00	7.2	0.6	63	0	-	80	7.6	-	1004.8	-	4
2022-11-27 11:00:00	6.7	1.2	68	0	-	110	7.6	-	1002.8	-	7
2022-11-27 12:00:00	6.1	3.3	82	0	-	90	7.6	-	1001.9	-	7
2022-11-27 13:00:00	6	4.3	89	0	-	80	15	-	999	-	8
2022-11-27 14:00:00	6.1	5.1	93	1.6	-	60	18.4	-	996.8	-	8
2022-11-27 15:00:00	6.7	5.6	93	1	-	80	14.8	-	995.5	-	8
2022-11-27 16:00:00	6	5.6	97	4.5	-	60	15	-	994	-	8
2022-11-27 17:00:00	6	5	93	0.4	-	50	7	-	993	-	8
2022-11-27 18:00:00	6	5.4	96	0	-	80	7	-	993	-	8
2022-11-27 19:00:00	6.1	5.7	97	0.8	-	90	7.6	-	991.6	-	8
2022-11-27 20:00:00	6.1	5.7	97	2.3	-	340	7.6	-	991.5	-	8
2022-11-27 21:00:00	10.6	7.8	83	2.2	-	210	24	-	991.6	-	7
2022-11-27 22:00:00	11	7.7	80	0.8	-	240	32	-	993	-	7
2022-11-27 23:00:00	10.6	7.8	83	0.6	-	250	31.7	-	993	-	7
2022-11-28 00:00:00	8.3	5.6	83	0	-	270	32	-	994.7	-	7
2022-11-28 01:00:00	7.2	6.1	93	0	-	280	18.4	-	996.2	-	7
2022-11-28 02:00:00	6	5	93	0.1	-	290	26	-	999	-	7
2022-11-28 03:00:00	5.6	4.4	92	0.2	-	310	16.6	-	1000.1	-	7
2022-11-28 04:00:00	6	4.8	92	0.1	-	280	15	-	1002	-	7
2022-11-28 05:00:00	5.6	3.9	89	0.1	-	290	18.4	-	1003.2	-	7
2022-11-28 06:00:00	5	3.3	89	0	-	280	16.6	-	1004.5	-	7
2022-11-28 07:00:00	5	3.3	89	0	-	300	17	-	1006	-	7
2022-11-28 08:00:00	5	2.9	86	0.1	-	300	15	-	1008	-	7
2022-11-28 09:00:00	4.4	2.3	86	0	-	300	22	-	1008.6	-	12
2022-11-28 10:00:00	4	1.9	86	0	-	300	17	-	1010	-	7
2022-11-28 11:00:00	4	1.4	83	0	-	300	22	-	1010	-	4
2022-11-28 12:00:00	4.4	1.1	79	0	-	300	14.8	-	1010.8	-	4
2022-11-28 13:00:00	4	1.9	86	0	-	300	13	-	1012	-	4
2022-11-28 14:00:00	3.3	1.2	86	0	-	300	14.8	-	1012.7	-	4
2022-11-28 15:00:00	3	2	93	0	-	320	11	-	1014	-	14
2022-11-28 16:00:00	3	0.7	85	0	-	270	19	-	1015	-	4
2022-11-28 17:00:00	2	-0.3	85	0	-	260	20	-	1016	-	4
2022-11-28 18:00:00	2.2	-0.6	82	0	-	270	18.4	-	1016.8	-	4
2022-11-28 19:00:00	2.2	-1.8	75	0	-	280	14.8	-	1017.4	-	4
2022-11-28 20:00:00	2.2	-2.1	73	0	-	270	13	-	1018.5	-	4
2022-11-28 21:00:00	2.2	-1.1	79	0	-	280	9.4	-	1018.9	-	4
2022-11-28 22:00:00	2	0.4	89	0	-	252	3.7	-	1019	-	4
2022-11-28 23:00:00	1.1	-0.1	92	0	-	0	0	-	1019.5	-	4
2022-11-29 00:00:00	1.7	-1.7	78	0	-	260	11.2	-	1020.4	-	4
2022-11-29 01:00:00	1.7	-2.8	72	0	-	240	9.4	-	1020.8	-	4
2022-11-29 02:00:00	1.7	-2.8	72	0	-	260	13	-	1021.8	-	4
2022-11-29 03:00:00	1.7	-2.8	72	0	-	260	11.2	-	1021.9	-	4
2022-11-29 04:00:00	2	-2.5	72	0	-	107	3.7	-	1022	-	4
2022-11-29 05:00:00	2.2	-3.3	67	0	-	0	0	-	1022.5	-	4
2022-11-29 06:00:00	2.2	-2.7	70	0	-	170	5.4	-	1023.1	-	4
2022-11-29 07:00:00	2.2	-2.1	73	0	-	140	5.4	-	1023.7	-	4
2022-11-29 08:00:00	3	-1.6	72	0	-	100	9	-	1024	-	4
2022-11-29 09:00:00	3.3	-0.5	76	0	-	90	13	-	1024	-	4
2022-11-29 10:00:00	4	-1.4	68	0	-	110	9	-	1024	-	4
2022-11-29 11:00:00	5.6	-2.7	55	0	-	150	14.8	-	1023.6	-	4
2022-11-29 12:00:00	6	-2.9	53	0	-	150	17	-	1023	-	4
2022-11-29 13:00:00	6	-2.4	55	0	-	130	15	-	1022	-	4
2022-11-29 14:00:00	5.6	-2.7	55	0	-	130	16.6	-	1022.2	-	4

2022-11-29 15:00:00	5.6	-1.8	59	0	-	110	14.8	-	1022.2	-	4
2022-11-29 16:00:00	4.4	-1.6	65	0	-	80	14.8	-	1022.2	-	4
2022-11-29 17:00:00	4	-2.2	64	0	-	100	15	-	1021	-	12
2022-11-29 18:00:00	3	-2.5	67	0	-	100	19	-	1021	-	4
2022-11-29 19:00:00	2.8	-2.1	70	0	-	100	14.8	-	1020.9	-	4
2022-11-29 20:00:00	2	-2.3	73	0	-	80	17	-	1020	-	4
2022-11-29 21:00:00	2	-2	75	0	-	100	19	-	1019	-	4
2022-11-29 22:00:00	2	-2	75	0	-	90	17	-	1018	-	4
2022-11-29 23:00:00	3	-1.6	72	0	-	80	15	-	1017	-	3
2022-11-30 00:00:00	2.8	-1	76	0	-	90	18.4	-	1016.2	-	3
2022-11-30 01:00:00	3	-0.8	76	0	-	90	17	-	1015	-	3
2022-11-30 02:00:00	4	-0.4	73	0	-	150	22	-	1014	-	4
2022-11-30 03:00:00	6	0.3	67	0	-	140	20	-	1013	-	4
2022-11-30 04:00:00	6	0.5	68	0	-	130	26	-	1011	-	4
2022-11-30 05:00:00	6.7	0.6	65	0	-	150	25.9	-	1011	-	4
2022-11-30 06:00:00	7.8	1.6	65	0	-	160	37	-	1008.4	-	7
2022-11-30 07:00:00	7.2	1.7	68	0	-	160	39	-	1007.4	-	7
2022-11-30 08:00:00	8	2.5	68	5.4	-	160	32	-	1006	-	7
2022-11-30 09:00:00	7.2	2.9	74	2.3	-	140	32	-	1004.2	-	7
2022-11-30 10:00:00	8.9	5.6	80	0.9	-	150	50	-	1001	-	8
2022-11-30 11:00:00	10	6.2	77	1.5	-	170	37.1	-	998	-	7
2022-11-30 12:00:00	11	7.1	77	1.7	-	180	41	-	997	-	7
2022-11-30 13:00:00	10	7.9	87	0.8	-	260	32	-	999	-	7
2022-11-30 14:00:00	8.3	5.6	83	0.5	-	250	50	-	1002	-	7
2022-11-30 15:00:00	6.1	3.3	82	2.8	-	260	31.7	-	1004.9	-	7
2022-11-30 16:00:00	4.4	2.3	86	0.9	-	260	39	-	1006.7	-	7
2022-11-30 17:00:00	4	-0.4	73	0	-	260	32	-	1008	-	7
2022-11-30 18:00:00	3.9	-2.7	62	0	-	270	39	-	1009.4	-	12
2022-11-30 19:00:00	2.8	-3.3	64	0	-	280	20.5	-	1010.3	-	12
2022-11-30 20:00:00	2.2	-6.2	54	0	-	260	31.7	-	1010.8	-	4
2022-11-30 21:00:00	1.1	-8.2	50	0	-	260	33	-	1011.6	-	4
2022-11-30 22:00:00	1	-8.3	50	0	-	250	19	-	1012	-	4
2022-11-30 23:00:00	1.1	-7.7	52	0	-	260	22.3	-	1011.7	-	14
2022-12-01 00:00:00	1.1	-6	59	0	-	240	20.5	-	1012.3	-	12
2022-12-01 01:00:00	0	-5	69	0	-	250	24.1	-	1013.3	-	3
2022-12-01 02:00:00	0	-4.4	72	0	-	240	26	-	1014	-	12
2022-12-01 03:00:00	0	-7.3	58	0	-	260	29.5	-	1014.9	-	4
2022-12-01 04:00:00	0.6	-7.9	53	0	-	260	37	-	1016.1	-	4
2022-12-01 05:00:00	1	-7.5	53	0	-	260	43	-	1017	-	4
2022-12-01 06:00:00	0.6	-8.4	51	0	-	260	43	-	1018.4	-	4
2022-12-01 07:00:00	0	-7.7	56	0	-	260	41	-	1020	-	14
2022-12-01 08:00:00	0.6	-7.9	53	0	-	250	43	-	1021.3	-	14
2022-12-01 09:00:00	1.7	-7.9	49	0	-	260	40.7	-	1022.4	-	14
2022-12-01 10:00:00	1.7	-7.1	52	0	-	260	38.9	-	1023.4	-	14
2022-12-01 11:00:00	2.2	-6.6	52	0	-	260	31.7	-	1024	-	14
2022-12-01 12:00:00	2	-6.8	52	0	-	260	43	-	1024	-	14
2022-12-01 13:00:00	2.2	-6.6	52	0	-	260	44	-	1025.1	-	14
2022-12-01 14:00:00	2.8	-6.1	52	0	-	260	41	-	1026.3	-	14
2022-12-01 15:00:00	2.8	-6.1	52	0	-	270	29.5	-	1027	-	14
2022-12-01 16:00:00	2	-6.3	54	0	-	260	30	-	1028	-	12
2022-12-01 17:00:00	2	-5.4	58	0	-	250	26	-	1029	-	12
2022-12-01 18:00:00	2	-5.9	56	0	-	240	33	-	1030	-	4
2022-12-01 19:00:00	1	-5.7	61	0	-	240	20	-	1030	-	4
2022-12-01 20:00:00	0.6	-5.6	63	0	-	250	27.7	-	1030.3	-	4
2022-12-01 21:00:00	0.6	-6.7	58	0	-	240	26	-	1030.6	-	4
2022-12-01 22:00:00	1	-5.3	63	0	-	240	19	-	1031	-	4
2022-12-01 23:00:00	0.6	-6.1	61	0	-	250	14.8	-	1030.9	-	14
2022-12-02 00:00:00	0.6	-6.1	61	0	-	250	13	-	1030.8	-	4
2022-12-02 01:00:00	0	-5.6	66	0	-	260	16.6	-	1031.2	-	4
2022-12-02 02:00:00	0	-5.6	66	0	-	220	11	-	1031	-	4
2022-12-02 03:00:00	-1.7	-6.1	72	0	-	230	9.4	-	1031.4	-	4
2022-12-02 04:00:00	-1.7	-5.5	75	0	-	0	0	-	1031.6	-	4
2022-12-02 05:00:00	-2.2	-6	75	0	-	160	7.6	-	1031.3	-	2
2022-12-02 06:00:00	-2.2	-6	75	0	-	160	7.6	-	1031.7	-	3
2022-12-02 07:00:00	-2	-4.8	81	0	-	120	13	-	1032	-	3
2022-12-02 08:00:00	-0.6	-5	72	0	-	130	13	-	1031.2	-	3
2022-12-02 09:00:00	1	-5.1	64	0	-	130	19	-	1031	-	3
2022-12-02 10:00:00	3.3	-5.6	52	0	-	160	24.1	-	1029.3	-	3
2022-12-02 11:00:00	3.9	-5.6	50	0	-	140	13	-	1027.6	-	3
2022-12-02 12:00:00	5	-6.6	43	0	-	140	17	-	1027	-	3
2022-12-02 13:00:00	5	-6.6	43	0	-	150	18.4	-	1026.3	-	4
2022-12-02 14:00:00	5.6	-6	43	0	-	130	18.4	-	1025.4	-	4

2022-12-02 15:00:00	5.6	-6.6	41	0	-	160	20.5	-	1025.1	-	4
2022-12-02 16:00:00	5	-5.7	46	0	-	130	11	-	1025	-	4
2022-12-02 17:00:00	6	-5.6	43	0	-	140	20	-	1024	-	3
2022-12-02 18:00:00	6	-6.3	41	0	-	140	26	-	1024	-	4
2022-12-02 19:00:00	6	-6.3	41	0	-	140	15	-	1023	-	4
2022-12-02 20:00:00	5	-2.8	57	0	-	100	22	-	1021	-	4
2022-12-02 21:00:00	6	-3.9	49	0	-	150	22	-	1021	-	4
2022-12-02 22:00:00	6	-5	45	0	-	130	24	-	1020	-	4
2022-12-02 23:00:00	7	-5.4	41	0	-	150	22	-	1018	-	4
2022-12-03 00:00:00	7.2	-5.5	40	0	-	170	11.2	-	1017.8	-	4
2022-12-03 01:00:00	8.3	-4.5	40	0	-	180	24.1	-	1017.5	-	7
2022-12-03 02:00:00	7	-0.7	58	0	-	140	20	-	1016	-	7
2022-12-03 03:00:00	6.7	-0.5	60	0	-	100	11.2	-	1015.1	-	7
2022-12-03 04:00:00	7	0.9	65	0.3	-	160	26	-	1015	-	7
2022-12-03 05:00:00	6.1	2.2	76	0	-	140	9.4	-	1013.8	-	7
2022-12-03 06:00:00	6.7	3.3	79	0.2	-	200	13	-	1013.6	-	7
2022-12-03 07:00:00	8	4.6	79	2.3	-	190	15	-	1012	-	7
2022-12-03 08:00:00	8.9	5.1	77	0	-	200	25.9	-	1011.1	-	7
2022-12-03 09:00:00	10	5.6	74	0	-	200	33	-	1010.1	-	7
2022-12-03 10:00:00	10.6	6.2	74	0	-	190	35	-	1008.9	-	7
2022-12-03 11:00:00	12	7.1	72	0.1	-	180	28	-	1008	-	7
2022-12-03 12:00:00	11.7	7.8	77	0	-	190	35	-	1007	-	7
2022-12-03 13:00:00	11	8.2	83	0	-	230	35	-	1009	-	7
2022-12-03 14:00:00	7.8	2.9	71	1.4	-	280	35.3	-	1012.6	-	7
2022-12-03 15:00:00	7.2	-0.5	58	0	-	280	31.7	-	1015	-	7
2022-12-03 16:00:00	7	-1.4	55	0	-	280	33	-	1017	-	4
2022-12-03 17:00:00	5	-2.1	60	0	-	280	22.3	-	1018.5	-	7
2022-12-03 18:00:00	4.4	-3.9	55	0	-	280	48	-	1019.6	-	12
2022-12-03 19:00:00	4	-5.5	50	0	-	290	33	-	1021	-	4
2022-12-03 20:00:00	3.3	-4.4	57	0	-	290	22.3	-	1021.1	-	7
2022-12-03 21:00:00	3	-5.2	55	0	-	280	33	-	1022	-	14
2022-12-03 22:00:00	3.3	-4.9	55	0	-	280	20.5	-	1021.9	-	14
2022-12-03 23:00:00	3	-4.2	59	0	-	280	19	-	1022	-	14

Data Collection Forms and Worksheets
Community Air Monitoring Plan
Unifirst Laundry Facilty
113 7th North Street, Liverpool, New York

Daily CAMP Report

System Operations	
Sampling Date	11/28/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	Yes
(Time/Status)	8:15:00 AM

General Observations

General Weather Conditions

38-50 degrees, clear

General Description of Site Activities:

- Install ramp in western portion of new building footprint for truck access using imported backfill
- Poured concrete in footer forms along southern section of the proposed building.

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
The PID lamp from station 101 would not fire. Replaced with a backup being stored on site.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Adam Grossman
Date: 11/28/2022

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GEI Consultants

Data Collection Forms and Worksheets
Community Air Monitoring Plan
Unifirst Laundry Facility
113 7th North Street, Liverpool, New York

Daily CAMP Report

System Operations		General Observations
Sampling Date	11/29/2022	General Weather Conditions
System Start Time	0.01	28-30 degrees, overcast
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	Yes	• Placing fabric and backfilling in northwest portion of proposed building – by elevator shaft
(Time/Status)	10:15:00 AM	• Backfilling sewer trench
		• Removing forms along eastern wall of proposed building

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
Air monitoring stations were down upon arrival to the site due to limited battery life as a result of overcast skies.The PID at station 102 was still operating. GEI monitored the PID throughout the morning, and the readings did not exceed 0.1 ppm. The air monitoring stations were calibrated once they were powered back on.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Adam Grossman
Date: 11/29/2022

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Data Collection Forms and Worksheets
Community Air Monitoring Plan
Unifirst Laundry Facility
113 7th North Street, Liverpool, New York

Daily CAMP Report

System Operations	
Sampling Date	11/30/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	Yes
(Time/Status)	12:15:00 PM

General Observations

General Weather Conditions

35-47 degrees, rain and wind

General Description of Site Activities:

- Backfilling northern portion of proposed building with imported backfill
- Removing forms along eastern wall of proposed building
- Fisher excavated 6-8 feet bgs in the southwestern portion of the proposed building to locate construction trailer's temporary water line that broke last week. Soil was either placed adjacent to the trench or kept in the hole and contained mostly of imported fill. The soil that was placed next to the trench was placed back in the trench after locating the water line.

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:

Air monitoring stations were down upon arrival to the site due to limited battery life as a result of inclement weather. GEI calibrated the air monitoring stations after they were powered on. Station 103 did not power on.during duration of work.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Adam Grossman
Date: 11/30/2022

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Data Collection Forms and Worksheets
Community Air Monitoring Plan
Unifirst Laundry Facility
113 7th North Street, Liverpool, New York

Daily CAMP Report

System Operations		General Observations
Sampling Date	12/1/2022	General Weather Conditions
System Start Time	0.01	18-21 degrees, overcast and wind
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	Yes	• Backfilling northeastern and southwestern portion of proposed building with imported backfill • Removing forms along walls of proposed building • Installed vapor sampling point in northwestern portion of proposed building • At the end of the day, Fisher set aside top layer of imported fill in preparation of next activity in the western portion of the proposed building
(Time/Status)	10:15:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Range	Total # of Alarms	Notes	Site Person/Time Notified
10:30	103	VOC	DW	25.7	1	Due to a loose cap on the PID, the instrument was giving off erroneous high readings during initial calibration, which resulted in a false alarm. GEI tightened the cap and resolved the calibration issue.	Adam Grossman/10:30

Notes:
Air monitoring stations were down upon arrival to the site due to limited battery life as a result of inclement weather. GEI monitored the PID throughout the morning, and the readings did not exceed 0.1 ppm. The air monitoring stations were calibrated once they were powered back on.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

UW - Upwind
CW - Crosswind
DW - Downwind

Field Representative: Adam Grossman
Date: 12/1/2022

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Data Collection Forms and Worksheets
Community Air Monitoring Plan
Unifirst Laundry Facility
113 7th North Street, Liverpool, New York

Daily CAMP Report

System Operations	
Sampling Date	12/2/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	Yes
(Time/Status)	9:30:00 AM

General Observations

General Weather Conditions

20-22 degrees, mostly sunny

General Description of Site Activities:

• General site cleanup (Fisher not onsite today)

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Range	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
Air monitoring stations were down upon arrival to the site due to limited battery life as a result of overrcast skies. GEI calibrated the air monitoring stations once they were powered on.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Adam Grossman
Date: 12/2/2022

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GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Tim Cosgrave and Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: December 13, 2022

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site) (Figure 1)
December 4, 2022 through December 7, 2022

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site. Three air monitoring stations (AIR-101, AIR-102, and AIR-103) are located on the perimeter of the Site (Figure 2).

Full-time CAMP monitoring concluded mid-day on December 7, 2022 as no intrusive earthwork will be routinely occurring for the next several months. CAMP will be reinstated on an as-needed basis for remaining intrusive activities.

Exceedances

There was one measurement of Total Volatile Organic Compounds (TVOC) above the Action Limit of 5.0 ppm during this reporting period. There were no measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period. All exceedances are summarized below.

Monitored Site Construction Activities

During this reporting period, monitoring was performed during on-Site construction activities, which included:

- Equipment transported offsite;
- Site cleanup and preparation for concrete slab pour following installation of vapor barrier;
- Backfilling in southeastern corner;
- Vapor Barrier installation in northern portion of site;
- Deliveries and staging of imported fill for future use; and
- Excavation and transfer to stockpile (central portion of Phase 2 construction area).

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at three solar-powered, GEI-owned air monitoring stations. Each station included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter [dust monitor] to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

TVOC levels were measured above the Action Limit of 5 ug/m^3 during this monitoring period during non-working hours at station AIR-102, as follows:

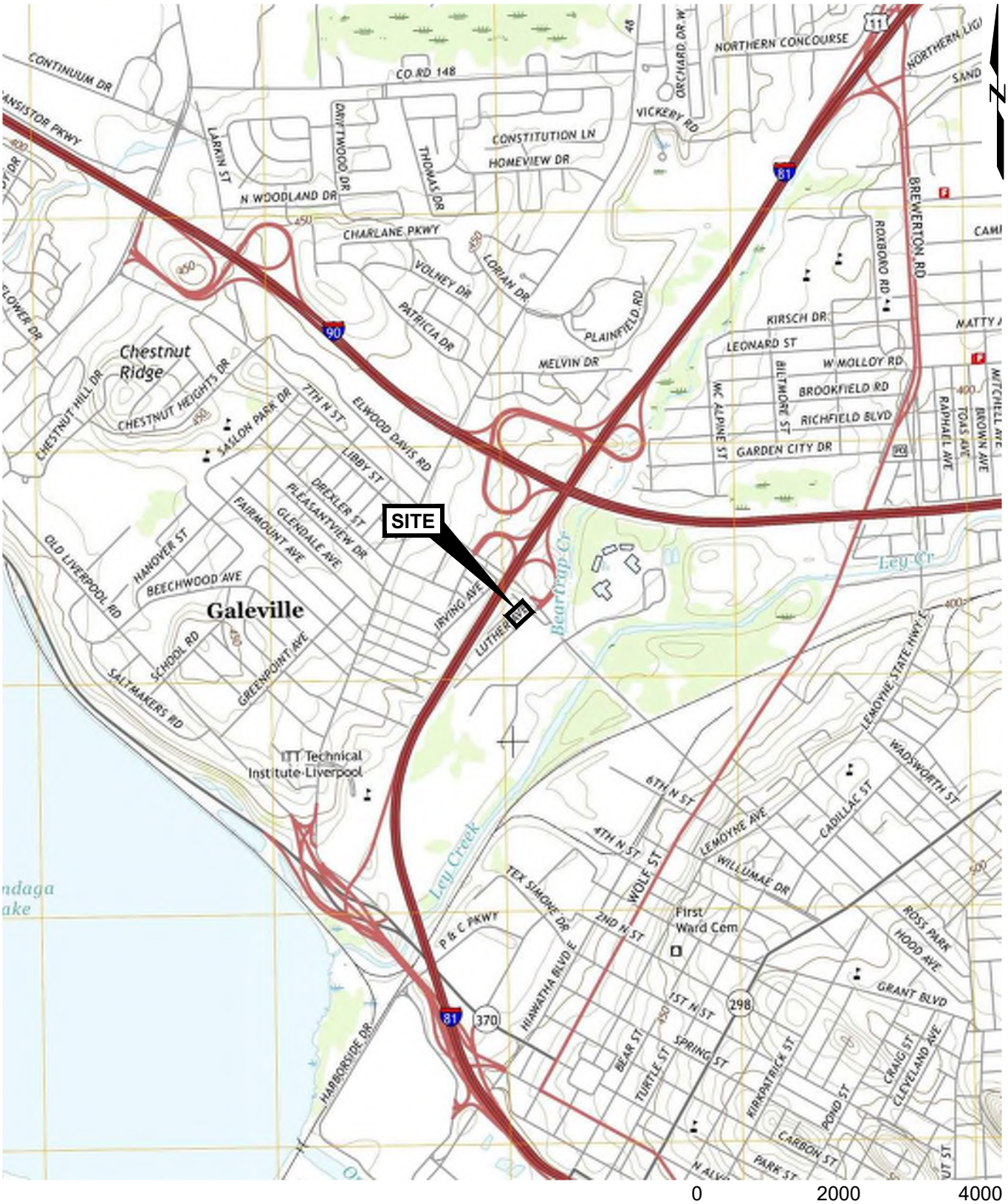
- TVOCs were measured above the Action Limit of 5 ug/m^3 at AIR-102 on December 7, 2022 between 1300 and 1345 hours. The elevated concentration was measured upon starting the PID manually on low battery. Moisture was present in the tubing, which after manual cleaning and evaporation returned the measurements below the Action Limit by 1345. A loader was working and idling vehicles were also observed in the vicinity of AIR-102 during the exceedance period.

The onsite weather station WX-1 malfunctioned recently and requires off-site service. As a result, a summary of general weather conditions have been collected from the local Syracuse Hancock International Airport (SYR) for WE 12/10/22 is presented in Table 2 in place of the on-site weather data. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)

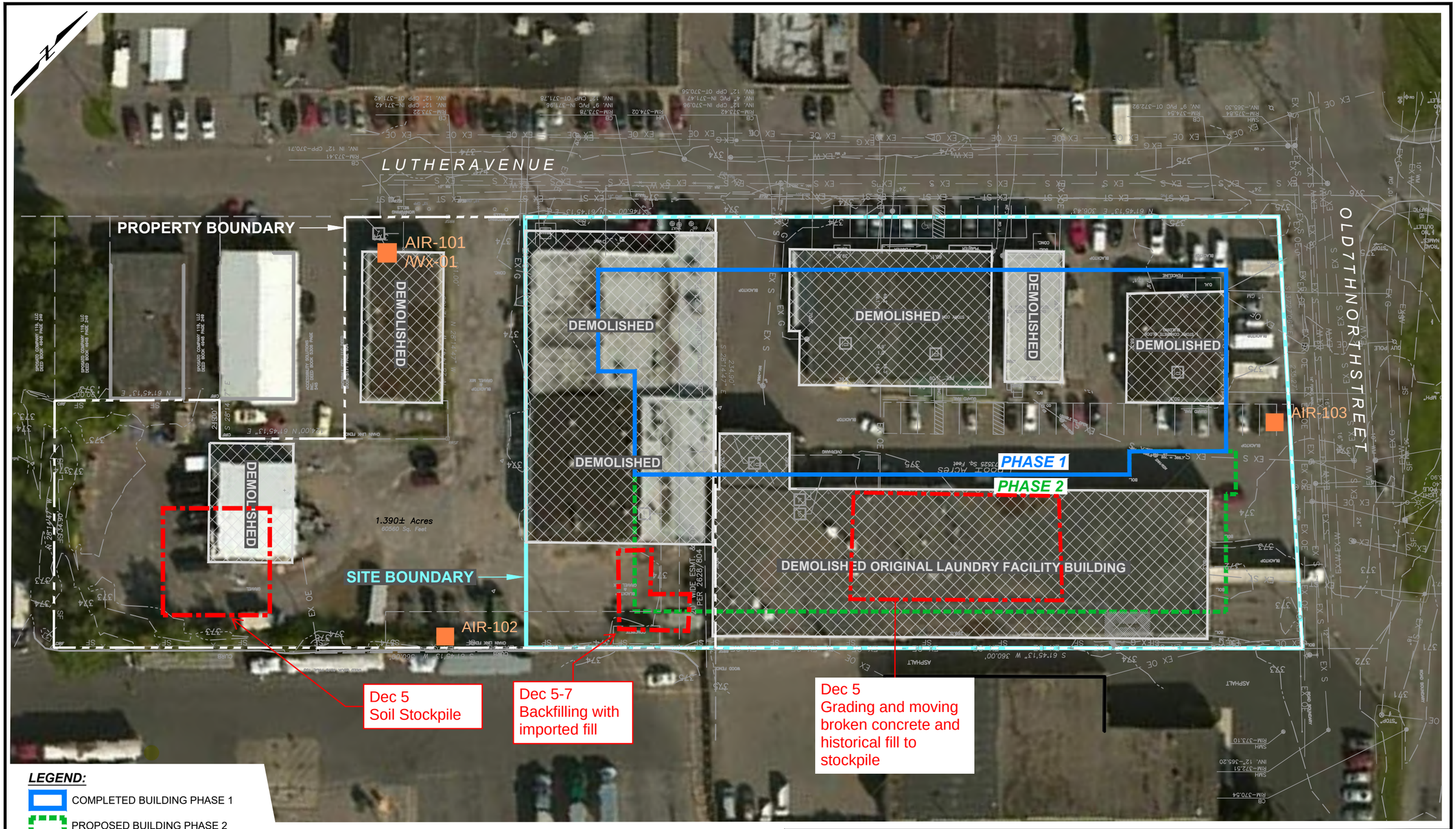


SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

SCALE: 1" = 2000'

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	December 2022 — Fig. 1

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LEGEND:

COMPLETED BUILDING PHASE 1

PROPOSED BUILDING PHASE 2

Intrusive work areas

AIR-101 /Wx-01 Air Monitoring Station (WS indicates a co-located weather station)

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	December 2022 / Fig. 2

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Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)			PM_{10} (ug/m^3)		
Alert Limit	3.7			100		
Action Limit	5.0			150		
Stop Work Limit	25.0			-		
Date	**AIR-101**	**AIR-102**	**AIR-103**	**AIR-101**	**AIR-102**	**AIR-103**
Sun 12/4/2022	NM	0.0	NM	14	20	17
Mon 12/5/2022	0.0	0.0	0.1	105	52	38
Tue 12/6/2022	0.0	0.3	0.2	57	24	61
Wed 12/7/2022	0.0	28.1	0.1	106	84	71
Thu 12/8/2022	NM	NM	NM	NM	NM	NM
Fri 12/9/2022	NM	NM	NM	NM	NM	NM
Sat 12/10/2022	NM	NM	NM	NM	NM	NM

Notes:

ug/m^3 = micrograms per cubic meter

ppmv = parts per million by volume

TVOC = total volatile organic compounds

PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter

NM = Not Measured. Weather conditions and equipment location did not provide sufficient solar power to run this station.

Full-time CAMP monitoring concluded mid-day on December 7, 2022 as no intrusive earthwork will be routinely occurring for the next several months. CAMP will be reinstated on an as-needed basis for remaining intrusive activities.

Table 2: Meteorological Data from Syracuse
Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature *°C*	Dew Point *°C*	Relative Humidity *%*	Total Precipitation *mm*	Snow Depth	Wind Direction	Wind Speed *km/h*	Peak Gust	Air Pressure *hPa*	Sunshine Duration	Weather Condition Code
2022-12-03 01:00:00	8.3	-4.5	40	0	-	180	24.1	-	1017.5	-	7
2022-12-03 02:00:00	7	-0.7	58	0	-	140	20	-	1016	-	7
2022-12-03 03:00:00	6.7	-0.5	60	0	-	100	11.2	-	1015.1	-	7
2022-12-03 04:00:00	7	0.9	65	0.3	-	160	26	-	1015	-	7
2022-12-03 05:00:00	6.1	2.2	76	0	-	140	9.4	-	1013.8	-	7
2022-12-03 06:00:00	6.7	3.3	79	0.2	-	200	13	-	1013.6	-	7
2022-12-03 07:00:00	8	4.6	79	2.3	-	190	15	-	1012	-	7
2022-12-03 08:00:00	8.9	5.1	77	0	-	200	25.9	-	1011.1	-	7
2022-12-03 09:00:00	10	5.6	74	0	-	200	33	-	1010.1	-	7
2022-12-03 10:00:00	10.6	6.2	74	0	-	190	35	-	1008.9	-	7
2022-12-03 11:00:00	12	7.1	72	0.1	-	180	28	-	1008	-	7
2022-12-03 12:00:00	11.7	7.8	77	0	-	190	35	-	1007	-	7
2022-12-03 13:00:00	11	8.2	83	0	-	230	35	-	1009	-	7
2022-12-03 14:00:00	7.8	2.9	71	1.4	-	280	35.3	-	1012.6	-	7
2022-12-03 15:00:00	7.2	-0.5	58	0	-	280	31.7	-	1015	-	7
2022-12-03 16:00:00	7	-1.4	55	0	-	280	33	-	1017	-	4
2022-12-03 17:00:00	5	-2.1	60	0	-	280	22.3	-	1018.5	-	7
2022-12-03 18:00:00	4.4	-3.9	55	0	-	280	48	-	1019.6	-	12
2022-12-03 19:00:00	4	-5.5	50	0	-	290	33	-	1021	-	4
2022-12-03 20:00:00	3.3	-4.4	57	0	-	290	22.3	-	1021.1	-	7
2022-12-03 21:00:00	3	-5.2	55	0	-	280	33	-	1022	-	14
2022-12-03 22:00:00	3.3	-4.9	55	0	-	280	20.5	-	1021.9	-	14
2022-12-03 23:00:00	3	-4.2	59	0	-	280	19	-	1022	-	14
2022-12-04 00:00:00	3	-4.2	59	0.1	-	270	26	-	1022	-	14
2022-12-04 01:00:00	2.2	-3.9	64	0.1	-	290	18.4	-	1022.8	-	14
2022-12-04 02:00:00	2	-4.1	64	0	-	280	19	-	1023	-	12
2022-12-04 03:00:00	1.7	-4.4	64	0	-	270	16.6	-	1023	-	14
2022-12-04 04:00:00	1.7	-4.4	64	0	-	270	18.4	-	1023	-	14
2022-12-04 05:00:00	1.7	-7.1	52	0	-	260	18.4	-	1023	-	14
2022-12-04 06:00:00	1.1	-7.7	52	0	-	260	27.7	-	1023.2	-	14
2022-12-04 07:00:00	1	-6.8	56	0	-	250	24	-	1023	-	4
2022-12-04 08:00:00	1.7	-7.9	49	0	-	250	27.7	-	1022.8	-	14
2022-12-04 09:00:00	2.2	-7.2	50	0	-	250	20.5	-	1022.5	-	4
2022-12-04 10:00:00	3.9	-6.7	46	0	-	240	20.5	-	1022.2	-	4
2022-12-04 11:00:00	3	-7	48	0	-	220	24	-	1022	-	4
2022-12-04 12:00:00	2.2	-6.6	52	0	-	230	14.8	-	1020.8	-	4
2022-12-04 13:00:00	2.2	-6.6	52	0	-	240	13	-	1020.4	-	4
2022-12-04 14:00:00	2.8	-5.6	54	0	-	210	16.6	-	1019.9	-	4
2022-12-04 15:00:00	2.8	-5.6	54	0	-	200	14.8	-	1019.6	-	4
2022-12-04 16:00:00	2	-5.9	56	0	-	220	11.1	-	1019	-	3
2022-12-04 17:00:00	0	-5.6	66	0	-	170	6	-	1019	-	2
2022-12-04 18:00:00	0	-5.6	66	0	-	0	0	-	1018.9	-	2
2022-12-04 19:00:00	-0.6	-5.6	69	0	-	170	7.6	-	1018.9	-	3
2022-12-04 20:00:00	-1	-6	69	0	-	190	9	-	1019	-	3
2022-12-04 21:00:00	1	-7.5	53	0	-	220	9	-	1019	-	3
2022-12-04 22:00:00	0.6	-7.2	56	0	-	200	13	-	1018.5	-	3
2022-12-04 23:00:00	0	-8.2	54	0	-	220	9	-	1019	-	2
2022-12-05 00:00:00	0	-8.2	54	0	-	0	0	-	1018.4	-	2
2022-12-05 01:00:00	0	-8.9	51	0	-	190	9.4	-	1018.1	-	2
2022-12-05 02:00:00	-2	-9.2	58	0	-	180	9.3	-	1019	-	2
2022-12-05 03:00:00	-1.1	-8.3	58	0	-	140	7.6	-	1018.7	-	2
2022-12-05 04:00:00	-2	-8.7	60	0	-	160	7	-	1019	-	2
2022-12-05 05:00:00	-1.1	-8.3	58	0	-	140	13	-	1019.3	-	2
2022-12-05 06:00:00	-2	-9.2	58	0	-	160	11	-	1019	-	2
2022-12-05 07:00:00	-0.6	-8.8	54	0	-	160	11.2	-	1020	-	2
2022-12-05 08:00:00	1.7	-8.4	47	0	-	140	7.6	-	1020.4	-	2
2022-12-05 09:00:00	4	-8.1	41	0	-	170	17	-	1020	-	2
2022-12-05 10:00:00	5	-9.2	35	0	-	180	17	-	1020	-	2
2022-12-05 11:00:00	7	-9.8	29	0	-	160	15	-	1019	-	3
2022-12-05 12:00:00	8.9	-9.6	26	0	-	180	18.4	-	1018.7	-	3
2022-12-05 13:00:00	8.9	-10.1	25	0	-	170	16.6	-	1018.4	-	7
2022-12-05 14:00:00	8.9	-10.1	25	0	-	190	20.5	-	1018.6	-	3
2022-12-05 15:00:00	8	-10.4	26	0	-	160	13	-	1019	-	3
2022-12-05 16:00:00	6.1	-9.8	31	0	-	120	16.6	-	1019.7	-	3
2022-12-05 17:00:00	6.1	-9.4	32	0	-	150	18.4	-	1020	-	3
2022-12-05 18:00:00	6	-7.3	38	0	-	140	9	-	1021	-	3
2022-12-05 19:00:00	6	-5.6	43	0	-	120	11	-	1020	-	3
2022-12-05 20:00:00	6	-5.6	43	0	-	170	15	-	1021	-	4

2022-12-05 21:00:00	6	-5.3	44	0	-	150	17	-	1021	-	4
2022-12-05 22:00:00	6	-5.6	43	0	-	160	19	-	1021	-	4
2022-12-05 23:00:00	5.6	-6.6	41	0	-	180	16.6	-	1021.2	-	4
2022-12-06 00:00:00	6.1	-6.8	39	0	-	170	13	-	1021	-	4
2022-12-06 01:00:00	6	-6.9	39	0	-	170	15	-	1021	-	4
2022-12-06 02:00:00	5	-6	45	0	-	130	14.8	-	1021.2	-	4
2022-12-06 03:00:00	5.6	-4.3	49	0	-	130	16.6	-	1021.1	-	4
2022-12-06 04:00:00	5.6	-4	50	0	-	140	18.4	-	1020.7	-	4
2022-12-06 05:00:00	6.7	-2.7	51	0	-	130	16.6	-	1021.3	-	4
2022-12-06 06:00:00	7	-3	49	0	-	114	13	-	1022	-	4
2022-12-06 07:00:00	7.2	-2.3	51	0	-	160	7.6	-	1023	-	7
2022-12-06 08:00:00	6.1	0	65	0.2	-	160	11.2	-	1023.6	-	7
2022-12-06 09:00:00	5	0	70	1.3	-	70	9	-	1023	-	7
2022-12-06 10:00:00	3.3	0	79	0.8	-	80	14.8	-	1022.9	-	12
2022-12-06 11:00:00	3	-0.3	79	1.2	-	90	17	-	1022	-	7
2022-12-06 12:00:00	3.9	0.1	76	1.3	-	80	11.2	-	1021.5	-	7
2022-12-06 13:00:00	4.4	0	73	0.7	-	80	9.4	-	1021.2	-	7
2022-12-06 14:00:00	4.4	0	73	0.9	-	80	11.2	-	1021.3	-	7
2022-12-06 15:00:00	5	0	70	0	-	90	6	-	1021	-	7
2022-12-06 16:00:00	5.6	0	67	0.1	-	100	7.6	-	1021.5	-	7
2022-12-06 17:00:00	5.6	0.3	67	0	-	110	11.2	-	1021.3	-	7
2022-12-06 18:00:00	6.1	-0.1	65	0	-	100	9.4	-	1020.9	-	7
2022-12-06 19:00:00	6.7	-0.9	57	0	-	90	11.2	-	1020.5	-	7
2022-12-06 20:00:00	7.2	-0.7	58	0.2	-	90	11.2	-	1019.7	-	7
2022-12-06 21:00:00	7	7	100	0	-	80	11	-	1019	-	5
2022-12-06 22:00:00	8	7.6	97	0.9	-	70	6	-	1019	-	5
2022-12-06 23:00:00	9	8.4	96	0.4	-	96	7.4	-	1019	-	7
2022-12-07 00:00:00	8	8	100	0.1	-	110	6	-	1019	-	7
2022-12-07 01:00:00	8	8	100	0.4	-	100	6	-	1019	-	7
2022-12-07 02:00:00	8.9	8.3	96	0.3	-	0	0	-	1018.9	-	5
2022-12-07 03:00:00	8	7.6	97	0	-	137	5.5	-	1019	-	7
2022-12-07 04:00:00	8	8	100	0.3	-	137	5.5	-	1019	-	5
2022-12-07 05:00:00	8.3	7.9	97	0	-	0	0	-	1019	-	5
2022-12-07 06:00:00	8.9	8.3	96	0.2	-	0	0	-	1019	-	5
2022-12-07 07:00:00	8.9	8.3	96	0	-	0	0	-	1019.2	-	5
2022-12-07 08:00:00	8.9	8.3	96	0	-	110	5.4	-	1019.5	-	5
2022-12-07 09:00:00	9	8.5	97	0	-	191	5.5	-	1020	-	4
2022-12-07 10:00:00	11	10.4	96	0.3	-	217	3.7	-	1019	-	7
2022-12-07 11:00:00	10.6	10	96	0.5	-	310	5.4	-	1018.5	-	7
2022-12-07 12:00:00	11	10.4	96	0.3	-	309	5.5	-	1019	-	5
2022-12-07 13:00:00	10	8.9	93	0.1	-	310	9.4	-	1018.3	-	7
2022-12-07 14:00:00	9.4	8.9	97	0.1	-	300	11.2	-	1018.7	-	7
2022-12-07 15:00:00	9	7.9	93	0.1	-	300	13	-	1020	-	7
2022-12-07 16:00:00	8	7.4	96	0	-	280	13	-	1020	-	7
2022-12-07 17:00:00	8	7.4	96	0.1	-	260	13	-	1021	-	7
2022-12-07 18:00:00	7.2	6.8	97	0	-	260	18.4	-	1021.9	-	4
2022-12-07 19:00:00	7	6.6	97	0	-	270	19	-	1023	-	7
2022-12-07 20:00:00	6.7	6.1	96	0	-	270	18.4	-	1023.1	-	7
2022-12-07 21:00:00	7	6.4	96	0	-	270	19	-	1024	-	7
2022-12-07 22:00:00	7	6.4	96	0	-	260	17	-	1024	-	4
2022-12-07 23:00:00	6.7	5.6	93	0	-	260	13	-	1023.8	-	5
2022-12-08 00:00:00	6.7	5.6	93	0	-	270	14.8	-	1023.8	-	4
2022-12-08 01:00:00	7	5.9	93	0	-	260	17	-	1024	-	5
2022-12-08 02:00:00	6.7	5.6	93	0	-	270	13	-	1024.5	-	4
2022-12-08 03:00:00	6.7	5.6	93	0.1	-	260	13	-	1024.8	-	5
2022-12-08 04:00:00	6	5.6	97	0.2	-	270	7	-	1024	-	5
2022-12-08 05:00:00	6	4.3	89	0	-	290	11	-	1025	-	4
2022-12-08 06:00:00	5.6	4.4	92	0	-	300	11.2	-	1025.3	-	4
2022-12-08 07:00:00	5.6	3.9	89	0	-	270	14.8	-	1025.7	-	7
2022-12-08 08:00:00	6	4.3	89	0	-	290	13	-	1026	-	7
2022-12-08 09:00:00	5.6	3.9	89	0	-	300	11.2	-	1026	-	4
2022-12-08 10:00:00	6	4.3	89	0	-	270	11	-	1026	-	4
2022-12-08 11:00:00	6.1	3.9	86	0	-	280	16.6	-	1025.6	-	7
2022-12-08 12:00:00	6.7	3.8	82	0	-	250	11.2	-	1025.6	-	4
2022-12-08 13:00:00	5	3.3	89	0	-	320	20	-	1026	-	4
2022-12-08 14:00:00	5	2.9	86	0	-	310	13	-	1025.5	-	4
2022-12-08 15:00:00	5	2.9	86	0	-	310	15	-	1026	-	4
2022-12-08 16:00:00	4.4	2.7	89	0	-	310	13	-	1026.4	-	4
2022-12-08 17:00:00	4.4	2.3	86	0	-	300	11.2	-	1026.9	-	4
2022-12-08 18:00:00	4	2.4	89	0	-	280	7	-	1027	-	4
2022-12-08 19:00:00	3.3	1.7	89	0	-	270	9.4	-	1027.5	-	4
2022-12-08 20:00:00	3	1.4	89	0	-	310	6	-	1028	-	4
2022-12-08 21:00:00	3	0.7	85	0	-	300	11	-	1028	-	4
2022-12-08 22:00:00	2.2	0.6	89	0	-	330	7.6	-	1027.9	-	4
2022-12-08 23:00:00	2	0.4	89	0	-	340	6	-	1028	-	3
2022-12-09 00:00:00	1.7	0.1	89	0	-	20	5.4	-	1028	-	3

2022-12-09 01:00:00	1	-1.2	85	0	-	40	9	-	1028	-	3
2022-12-09 02:00:00	-1.1	-2.2	92	0	-	350	9.4	-	1028.6	-	3
2022-12-09 03:00:00	-1.1	-2.2	92	0	-	340	7.6	-	1028.6	-	3
2022-12-09 04:00:00	-1.1	-2.2	92	0	-	340	7.6	-	1028.7	-	3
2022-12-09 05:00:00	-1	-2.6	89	0	-	340	9	-	1029	-	3
2022-12-09 06:00:00	-0.6	-2.2	89	0	-	350	9.4	-	1029.1	-	3
2022-12-09 07:00:00	-0.6	-2.2	89	0	-	340	7.6	-	1029.5	-	3
2022-12-09 08:00:00	0	-2.2	85	0	-	340	7.6	-	1029.8	-	2
2022-12-09 09:00:00	1	-1.7	82	0	-	340	9	-	1030	-	2
2022-12-09 10:00:00	1.1	-2.1	79	0	-	330	13	-	1030	-	2
2022-12-09 11:00:00	1.7	-2.8	72	0	-	340	9.4	-	1029.4	-	2
2022-12-09 12:00:00	2.2	-3.3	67	0	-	0	0	-	1029.1	-	2
2022-12-09 13:00:00	1.7	-5	61	0	-	0	0	-	1028.8	-	2
2022-12-09 14:00:00	2	-4.1	64	0	-	339	9.3	-	1029	-	2
2022-12-09 15:00:00	1.1	-4.3	67	0	-	0	0	-	1029	-	2
2022-12-09 16:00:00	-1.1	-3.3	85	0	-	320	11.2	-	1029	-	2
2022-12-09 17:00:00	-1.7	-3.9	85	0	-	320	9.4	-	1029.1	-	14
2022-12-09 18:00:00	-2.2	-4.4	85	0	-	310	7.6	-	1029.7	-	2
2022-12-09 19:00:00	-3	-5.8	81	0	-	357	7.4	-	1030	-	2
2022-12-09 20:00:00	-3.9	-5.6	88	0	-	270	5.4	-	1029.9	-	2
2022-12-09 21:00:00	-4	-6.8	81	0	-	280	6	-	1030	-	2
2022-12-09 22:00:00	-4	-5.7	88	0	-	21	3.7	-	1030	-	2
2022-12-09 23:00:00	-5	-5.5	96	0	-	260	5.4	-	1029.9	-	2
2022-12-10 00:00:00	-5	-6.1	92	0	-	310	6	-	1030	-	2
2022-12-10 01:00:00	-5.6	-6.7	92	0	-	0	0	-	1029.8	-	2
2022-12-10 02:00:00	-6	-6.5	96	0	-	38	3.7	-	1030	-	2
2022-12-10 03:00:00	-6.1	-6.6	96	0	-	0	0	-	1029.5	-	2
2022-12-10 04:00:00	-6.7	-7.2	96	0	-	0	0	-	1029.6	-	2
2022-12-10 05:00:00	-6	-7.1	92	0	-	100	6	-	1030	-	2
2022-12-10 06:00:00	-5.6	-6.7	92	0	-	0	0	-	1030.5	-	2
2022-12-10 07:00:00	-6.1	-7.2	92	0	-	0	0	-	1030.7	-	2
2022-12-10 08:00:00	-4.4	-6.1	88	0	-	100	7.6	-	1031	-	2
2022-12-10 09:00:00	-3	-5.8	81	0	-	80	13	-	1031	-	2
2022-12-10 10:00:00	-0.6	-5	72	0	-	50	9.4	-	1029.7	-	2
2022-12-10 11:00:00	0.6	-6.1	61	0	-	0	0	-	1029.1	-	2
2022-12-10 12:00:00	1.7	-6.6	54	0	-	90	11.2	-	1028.1	-	2
2022-12-10 13:00:00	3	-5.9	52	0	-	30	9	-	1028	-	2
2022-12-10 14:00:00	3	-5.9	52	0	-	50	11	-	1028	-	2
2022-12-10 15:00:00	1.1	-8.2	50	0	-	60	11.2	-	1028.6	-	2
2022-12-10 16:00:00	-1	-8.2	58	0	-	70	7	-	1028	-	2
2022-12-10 17:00:00	-1.1	-8.3	58	0	-	80	11.2	-	1027.4	-	2
2022-12-10 18:00:00	-1.7	-7.8	63	0	-	90	9.4	-	1027.2	-	2
2022-12-10 19:00:00	-2	-7.5	66	0	-	70	11	-	1027	-	2
2022-12-10 20:00:00	-1.7	-6.6	69	0	-	80	13	-	1026.6	-	3
2022-12-10 21:00:00	-2	-6.4	72	0	-	70	13	-	1026	-	3
2022-12-10 22:00:00	-1	-6.6	66	0	-	90	17	-	1026	-	3
2022-12-10 23:00:00	-1	-6	69	0	-	80	20	-	1025	-	3
2022-12-11 00:00:00	-1.1	-6.1	69	0	-	70	14.8	-	1025.6	-	3
2022-12-11 01:00:00	-1.7	-6.6	69	0	-	70	18.4	-	1025.1	-	4
2022-12-11 02:00:00	-1.7	-6.6	69	0	-	70	18.4	-	1024.9	-	4
2022-12-11 03:00:00	-1.7	-6.1	72	0	-	70	20.5	-	1024.1	-	4
2022-12-11 04:00:00	-2	-5.8	75	0.2	-	90	15	-	1024	-	14
2022-12-11 05:00:00	-1.7	-3.9	85	0.4	-	80	16.6	-	1023	-	14
2022-12-11 06:00:00	-1.7	-3.3	89	0.3	-	80	14.8	-	1022.7	-	14
2022-12-11 07:00:00	-1.1	-2.2	92	0	-	80	16.6	-	1022.1	-	14
2022-12-11 08:00:00	-1	-2.1	92	0	-	80	13	-	1021	-	14
2022-12-11 09:00:00	-1.1	-2.2	92	0.2	-	80	11.2	-	1022	-	14
2022-12-11 10:00:00	-0.6	-1.2	96	0.3	-	70	13	-	1020.8	-	14
2022-12-11 11:00:00	-0.6	-1.2	96	1.1	-	70	13	-	1019.8	-	14
2022-12-11 12:00:00	0	-0.6	96	0.7	-	70	13	-	1019	-	14
2022-12-11 13:00:00	0	-1.1	92	1	-	70	13	-	1018	-	14
2022-12-11 14:00:00	0	-0.6	96	0.6	-	70	13	-	1018	-	14
2022-12-11 15:00:00	0	-0.6	96	0.3	-	80	11.2	-	1018	-	14
2022-12-11 16:00:00	0	-0.6	96	0.6	-	80	11.2	-	1018	-	14
2022-12-11 17:00:00	0	-0.6	96	0.8	-	70	7	-	1018	-	14
2022-12-11 18:00:00	0	-0.6	96	1	-	50	6	-	1018	-	14
2022-12-11 19:00:00	0	-0.6	96	0.3	-	100	9.4	-	1018	-	14
2022-12-11 20:00:00	0	-0.6	96	0.1	-	90	6	-	1019	-	5
2022-12-11 21:00:00	0	-0.6	96	0	-	340	5.4	-	1019.1	-	14
2022-12-11 22:00:00	1	-0.2	92	0	-	360	6	-	1019	-	14
2022-12-11 23:00:00	0.6	-0.6	92	0	-	0	0	-	1020	-	14

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations	
Sampling Date	12/5/2022
System Start Time	0.01
System Stop Time	23.59
Total Hours Monitored	24
System Calibrations	Yes
(Time/Status)	0915

General Observations

General Weather Conditions

Low in 30s, High in mid 40s degrees, mostly sunny

General Description of Site Activities:

- Clean up of work surface at center of Phase 2 building, removed broken concrete slab from former building and some historical fill to level the surface
- Removal of frac tank located near construction entrance on Luther Ave
- General site cleanup & preparation for concrete slab pour in office area following installation of vapor barrier

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Range	Total # of Alarms	Notes	Site Person/Time Notified
1530	101	Dust	UW	105	1	see below	

Notes:
Truck fire on an adjacent property to the south resulted in visible smoke onsite. Upwind air monitoring station AIR101 read 105 ug/m3 during the fire (not considered an exceedance).

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Wendy Moore
Date: 12/5/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	12/6/2022	General Weather Conditions
System Start Time	0.01	Low in 30s, High in low 40s degrees, periods of rain
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
System Calibrations	Yes	• Backfilling southeast corner of foundation
(Time/Status)	0740-0825	• Receipt of additional imported fill material for use in foundation backfilling operation
		• Gas Barrier installation in northern portion of site ("office area")

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Range	Total # of Alarms	Notes	Site Person/Time Notified

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Wendy Moore
Date: 12/6/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	12/7/2022	General Weather Conditions
System Start Time	0.01	High 40s degrees, periods of rain
System Stop Time	23.59	
Total Hours Monitored	24	General Description of Site Activities:
		• Backfilling southeast corner of foundation (Phase 2 foundation backfill complete mid-day)
System Calibrations	Yes	• Receipt of imported fill deliveries for use in Phase 2 foundation backfill
(Time/Status)	0800	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Range	Total # of Alarms	Notes	Site Person/Time Notified
0930	101	Dust	UW	106	1	~~Above alert level, but not action level. No~~ apparent cause; resolved with no action needed	
1300	102	VOCs	CW	28.12	0	No alarm and no email notification, but reading was recorded upon manual power on of equipment on low battery. Equipment powered down again by 1345, with reading of 3.38. Temp 50*, dew point 48* Loader working near station.	

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Wendy Moore
Date: 12/7/2022

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	1/24/2023	General Weather Conditions
System Start Time	7:15	Low in 30s, High upper 30's, snowing, overcast
System Stop Time	11:45	
Total Hours Monitored	5	General Description of Site Activities:
System Calibrations	Yes	- 5:55 Arrived onsite - 6:10 Sun Environmental arrived - 6:20 C&S arrived - 6:51 Truck onsite - 7:06 Manifest signed and given to driver. Plate # recorded on GEI manifest copy - 7:12 loading commenced - 7:50 Truck filled to max weight, second truck scheduled for later pickup - 8:45 C&S confirmed pile was untouched since original creation during summer '22 - 11:50 CAMP demobilized - 4pm offsite
(Time/Status)	7:10	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Range	Total # of Alarms	Notes	Site Person/Time Notified

GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: April 7, 2023

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site)
March 26, 2023 through April 1, 2023

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site (Figure 1). Two air monitoring stations (Upwind and Downwind) are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were no measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Excavation of soil for installation of stormwater basin (northeastern corner);
- Loadout of soil stockpile (eastern corner); and
- Test pit soil sampling (eastern corner);

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at two battery-powered, GEI-owned air monitoring stations. Both stations included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter (dust monitor) to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

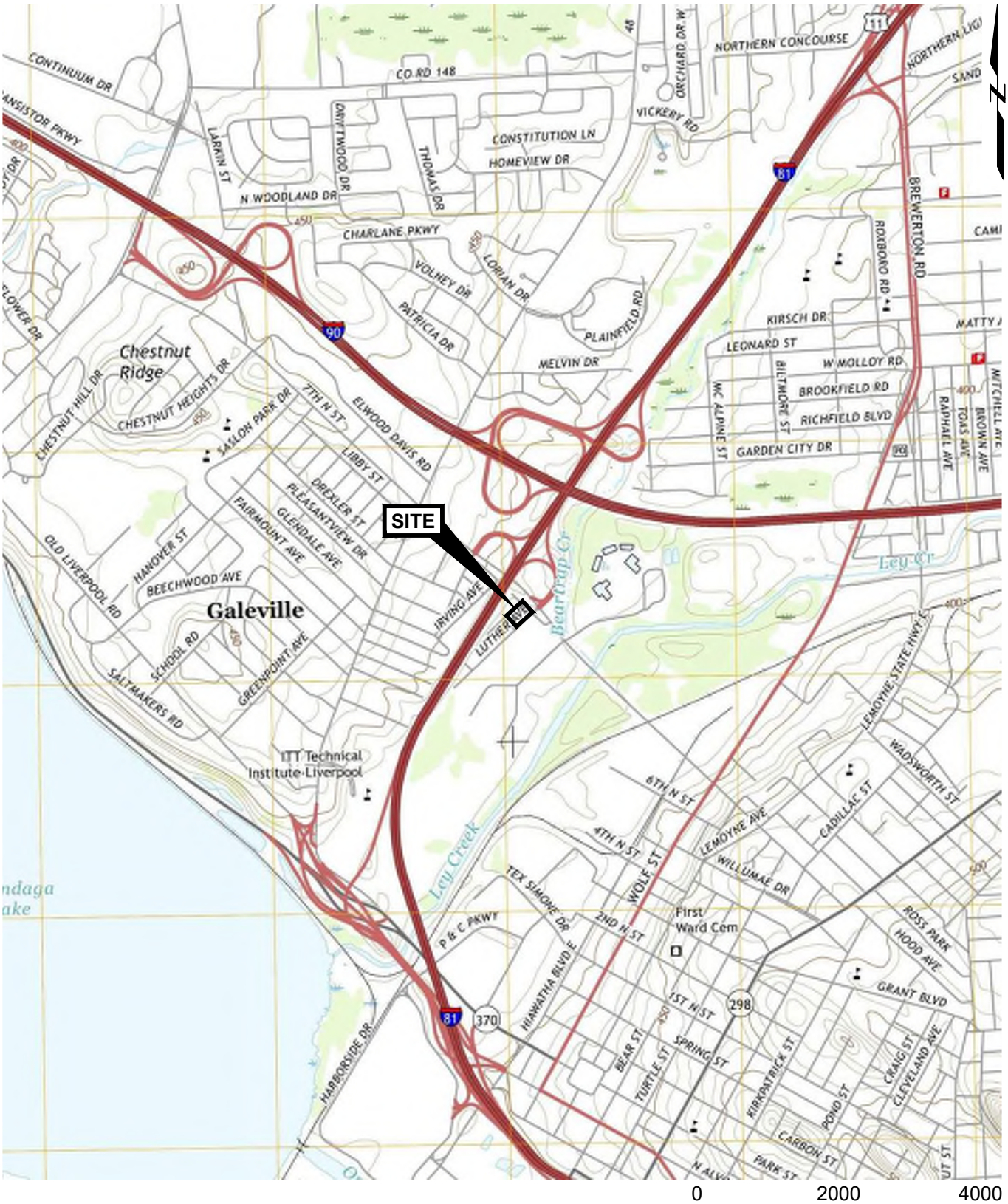
No PM_{10} or TVOC levels were measured above the project Action Limits. While the attached Table 1 indicates TVOC concentrations above the 5 ppm Action Level on March 27 and 28, those readings were recorded during the equipment calibration process and were not representative of ambient air conditions.

Weather conditions were obtained from the local Syracuse Hancock International Airport (SYR) for WE 04/01/23 and are presented in Table 2 in place of the on-site weather data. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

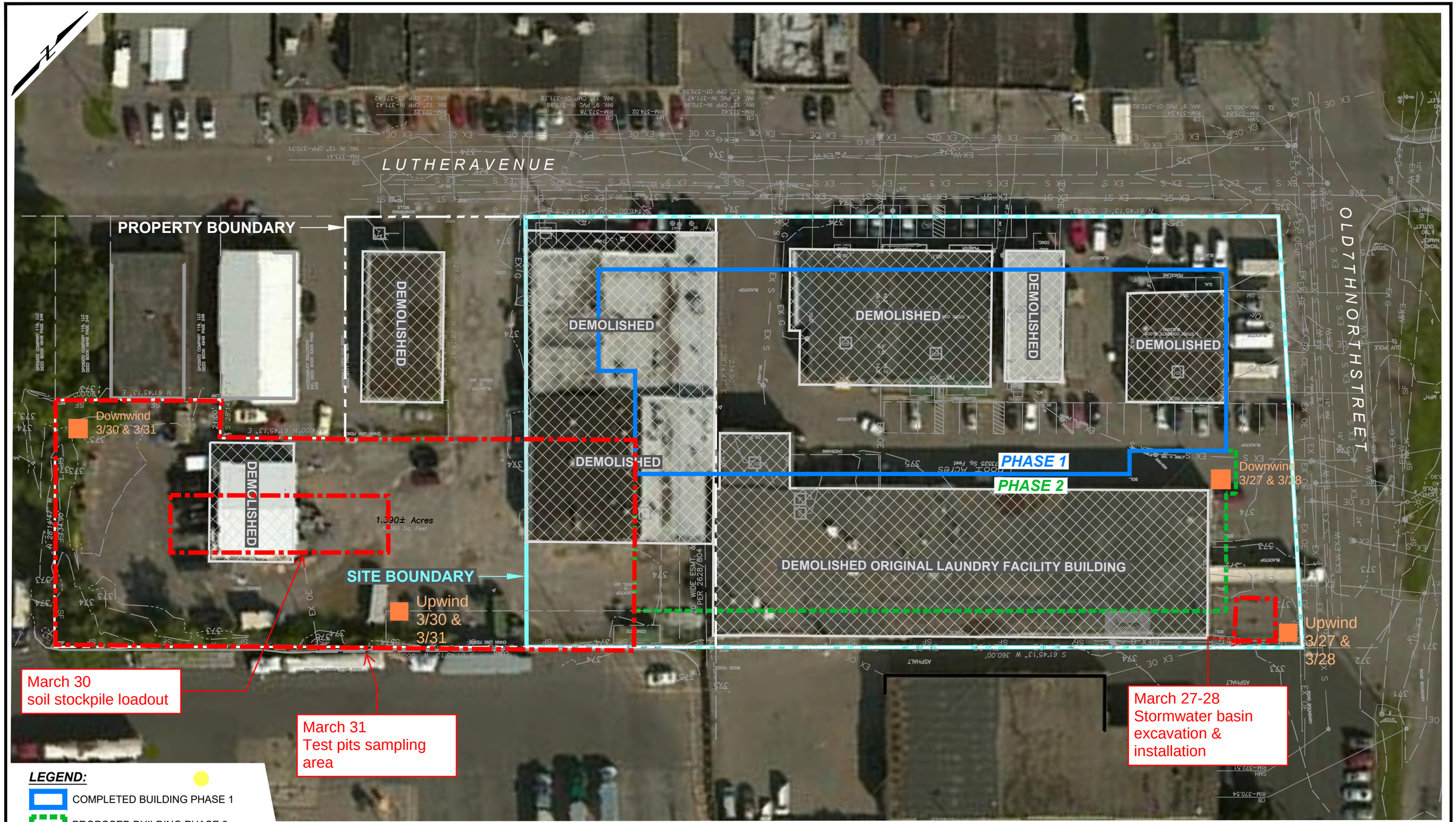
NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP	
Unifirst Liverpool Liverpool, New York	Project 2001642	April 2023	Fig. 1

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LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- UW DW — Air Monitoring Station (WS indicates a co-located weather station)

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	April 2023 — Fig. 2

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Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)		PM_{10} (ug/m^3)	
Alert Limit	3.7		100	
Action Limit	5.0		150	
Stop Work Limit	25.0		-	
Date	**Upwind**	**Downwind**	**Upwind**	**Downwind**
Sun 3/26/2023	NM	NM	NM	NM
Mon 3/27/2023	31.2	0.0	19	12
Tue 3/28/2023	7.5	0.8	26	19
Wed 3/29/2023	NM	NM	NM	NM
Thu 3/30/2023	0.2	0.1	6	9
Fri 3/31/2023	0.0	0.1	21	15
Sat 4/1/2023	NM	NM	NM	NM

Notes:

ug/m^3 = micrograms per cubic meter

ppmv = parts per million by volume

TVOC = total volatile organic compounds

PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter

NM = Not Measured.

Table 2: Meteorological Data from Syracuse Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature *°C*	Dew Point *°C*	Relative Humidity *%*	Total Precipitation *mm*	Snow Depth	Wind Direction	Wind Speed *km/h*	Peak Gust	Air Pressure *hPa*	Sunshine Duration	Weather Condition Code
2023-03-26 00:00:00	4.4	1.8	83	2.8	-	210	13	-	1003.5	-	7
2023-03-26 01:00:00	3	1.4	89	0.5	-	170	7	-	1004	-	7
2023-03-26 02:00:00	5	-0.6	67	0	-	230	7.6	-	1004.9	-	7
2023-03-26 03:00:00	4.4	-2.2	62	0	-	250	43	-	1006.1	-	7
2023-03-26 04:00:00	4.4	-2.7	60	0	-	250	29.5	-	1006.5	-	12
2023-03-26 05:00:00	4.4	-2.7	60	0	-	250	37	-	1007.2	-	14
2023-03-26 06:00:00	4	-3.1	60	0	-	250	43	-	1008	-	12
2023-03-26 07:00:00	4.4	-2.7	60	0	-	260	39	-	1009.2	-	4
2023-03-26 08:00:00	4.4	-2.2	62	0	-	250	37	-	1010.1	-	4
2023-03-26 09:00:00	6.1	-2.8	53	0	-	270	33	-	1010.6	-	4
2023-03-26 10:00:00	7.8	-2.8	47	0	-	270	29.5	-	1011	-	4
2023-03-26 11:00:00	9	-4.2	39	0	-	280	33	-	1012	-	3
2023-03-26 12:00:00	10	-4	37	0	-	280	33.5	-	1011.4	-	7
2023-03-26 13:00:00	10.6	-3.9	36	0	-	270	37	-	1011.5	-	3
2023-03-26 14:00:00	11.1	-2.7	38	0	-	300	22.3	-	1012.1	-	3
2023-03-26 15:00:00	11.7	-2.9	36	0	-	320	22.3	-	1012.7	-	3
2023-03-26 16:00:00	11	-3.5	36	0	-	300	20	-	1014	-	2
2023-03-26 17:00:00	10	-4	37	0	-	300	20.5	-	1014.3	-	2
2023-03-26 18:00:00	8.9	-6.1	34	0	-	310	22.3	-	1015.2	-	2
2023-03-26 19:00:00	7.2	-6.5	37	0	-	290	11.2	-	1016	-	2
2023-03-26 20:00:00	5	-5.1	48	0	-	250	7	-	1017	-	2
2023-03-26 21:00:00	5	-4.3	51	0	-	270	7.6	-	1017.2	-	2
2023-03-26 22:00:00	4	-4.2	55	0	-	261	9.3	-	1017	-	2
2023-03-26 23:00:00	2.8	-4	61	0	-	0	0	-	1016.8	-	2
2023-03-27 00:00:00	1	-3.3	73	0	-	254	3.7	-	1017	-	2
2023-03-27 01:00:00	0.6	-3.9	72	0	-	0	0	-	1016.8	-	2
2023-03-27 02:00:00	-1	-4.4	78	0	-	207	3.7	-	1017	-	2
2023-03-27 03:00:00	-1.7	-4.4	82	0	-	0	0	-	1017.3	-	14
2023-03-27 04:00:00	-1.7	-3.9	85	0	-	110	5.4	-	1016.9	-	2
2023-03-27 05:00:00	-0.6	-4.3	76	0	-	110	7.6	-	1016.7	-	2
2023-03-27 06:00:00	-1	-5.4	72	0	-	110	6	-	1017	-	2
2023-03-27 07:00:00	0.6	-3.3	75	0	-	100	5.4	-	1017.9	-	3
2023-03-27 08:00:00	2.8	-2.7	67	0	-	360	7.6	-	1017.8	-	3
2023-03-27 09:00:00	5	-2.8	57	0	-	90	7.6	-	1017.2	-	3
2023-03-27 10:00:00	6.1	-2.8	53	0	-	70	13	-	1016.7	-	4
2023-03-27 11:00:00	6.7	-3.3	49	0	-	70	7.6	-	1016.9	-	4
2023-03-27 12:00:00	7	-3.6	47	0	-	10	7	-	1017	-	4
2023-03-27 13:00:00	6.7	-1	58	0	-	30	20.5	-	1016.5	-	7
2023-03-27 14:00:00	6.1	-0.6	62	0.4	-	20	25.9	-	1016.2	-	7
2023-03-27 15:00:00	6	0.9	70	0.6	-	50	15	-	1016	-	7
2023-03-27 16:00:00	4.4	0.5	76	0.6	-	60	9.4	-	1016	-	7
2023-03-27 17:00:00	3.9	1.1	82	1	-	40	13	-	1016.6	-	7
2023-03-27 18:00:00	3	0.9	86	1.3	-	40	9	-	1017	-	7
2023-03-27 19:00:00	2.8	1.2	89	1.5	-	50	7.6	-	1017.3	-	7
2023-03-27 20:00:00	2	0.4	89	1.5	-	10	11	-	1018	-	7
2023-03-27 21:00:00	2	0.4	89	1	-	350	9	-	1018	-	7
2023-03-27 22:00:00	2.2	0.6	89	0.8	-	0	0	-	1018.4	-	7
2023-03-27 23:00:00	2	0.4	89	0.4	-	310	7	-	1019	-	12
2023-03-28 00:00:00	2	0.4	89	0.2	-	310	6	-	1019	-	12
2023-03-28 01:00:00	2.2	0.6	89	0	-	310	9.4	-	1019	-	14
2023-03-28 02:00:00	2.2	-0.1	85	0	-	320	9.4	-	1019.3	-	7
2023-03-28 03:00:00	1.1	-0.7	88	0	-	330	9.4	-	1019.3	-	12
2023-03-28 04:00:00	1.1	-0.7	88	0	-	270	7.6	-	1019.3	-	5
2023-03-28 05:00:00	-1	-2.6	89	0	-	260	13	-	1020	-	5
2023-03-28 06:00:00	-1	-2.6	89	0	-	260	13	-	1021	-	5
2023-03-28 07:00:00	0.6	-1.6	85	0	-	250	13	-	1021.5	-	3
2023-03-28 08:00:00	1.1	-1.6	82	0	-	280	18.4	-	1021.9	-	3
2023-03-28 09:00:00	1.7	-1.7	78	0	-	270	13	-	1022	-	3
2023-03-28 10:00:00	3.3	-1.1	73	0	-	270	9.4	-	1022	-	3
2023-03-28 11:00:00	5	-1.7	62	0	-	310	15	-	1022	-	3
2023-03-28 12:00:00	6.1	-1.8	57	0	-	280	14.8	-	1021.5	-	12
2023-03-28 13:00:00	5	-1	65	0	-	320	16.6	-	1021.4	-	3
2023-03-28 14:00:00	6.1	-1.1	60	0	-	300	16.6	-	1021.1	-	3
2023-03-28 15:00:00	7	-1.9	53	0	-	310	15	-	1021	-	3
2023-03-28 16:00:00	8	-2.6	47	0	-	290	15	-	1020	-	3
2023-03-28 17:00:00	7.2	-4	45	0	-	320	16.6	-	1020.6	-	3
2023-03-28 18:00:00	5	-6.6	43	0	-	300	11.2	-	1021.1	-	2
2023-03-28 19:00:00	3	-5.9	52	0	-	320	7	-	1021	-	2

2023-03-28 20:00:00	2	-5.9	56	0	-	290	7	-	1021	-	3
2023-03-28 21:00:00	2	-4.7	61	0	-	291	5.5	-	1021	-	3
2023-03-28 22:00:00	1.1	-4	69	0	-	0	0	-	1021.4	-	2
2023-03-28 23:00:00	1	-4.1	69	0	-	224	3.7	-	1021	-	2
2023-03-29 00:00:00	0.6	-4.4	69	0	-	0	0	-	1020.9	-	3
2023-03-29 01:00:00	-1	-4.7	76	0	-	110	6	-	1020	-	3
2023-03-29 02:00:00	-1.1	-5	75	0	-	0	0	-	1020.3	-	3
2023-03-29 03:00:00	-1.7	-5	78	0	-	110	5.4	-	1020.1	-	2
2023-03-29 04:00:00	-1.7	-5	78	0	-	110	5.4	-	1020.3	-	2
2023-03-29 05:00:00	-2	-5.3	78	0	-	100	6	-	1020	-	2
2023-03-29 06:00:00	-1.7	-5	78	0	-	140	7.6	-	1020.7	-	12
2023-03-29 07:00:00	0	-3.2	79	0	-	140	5.4	-	1021.1	-	2
2023-03-29 08:00:00	3.3	-2.2	67	0	-	130	7.6	-	1020.5	-	2
2023-03-29 09:00:00	7.2	-2.3	51	0	-	210	9.4	-	1019.8	-	7
2023-03-29 10:00:00	9	-3.6	41	0	-	220	26	-	1020	-	2
2023-03-29 11:00:00	10.6	-5	33	0.2	-	200	24.1	-	1018.3	-	3
2023-03-29 12:00:00	10.6	-4.2	35	0	-	200	27.7	-	1017.1	-	3
2023-03-29 13:00:00	12.2	-5.8	28	0.2	-	220	39	-	1015.6	-	3
2023-03-29 14:00:00	12.2	-5.8	28	0	-	240	37.1	-	1014.2	-	3
2023-03-29 15:00:00	13	-7.1	24	0	-	230	30	-	1013	-	4
2023-03-29 16:00:00	11.7	-6.2	28	0	-	230	28	-	1012.1	-	4
2023-03-29 17:00:00	9.4	-3.9	39	0	-	260	26	-	1012.5	-	7
2023-03-29 18:00:00	8	-3.5	44	0.2	-	260	56	-	1013	-	4
2023-03-29 19:00:00	1.1	-1.1	85	0.6	-	300	37	-	1017	-	7
2023-03-29 20:00:00	0	-3.9	75	0.9	-	290	22.3	-	1018.4	-	14
2023-03-29 21:00:00	0	-6.6	61	0.4	-	290	24	-	1020	-	12
2023-03-29 22:00:00	-0.6	-8.8	54	0	-	300	31.7	-	1020.4	-	14
2023-03-29 23:00:00	-1.1	-9.5	53	0	-	290	22.3	-	1020.9	-	14
2023-03-30 00:00:00	-2	-11.3	49	0	-	290	24	-	1022	-	14
2023-03-30 01:00:00	-1.7	-10.5	51	0	-	290	29.5	-	1022.3	-	14
2023-03-30 02:00:00	-2.2	-10.5	53	0	-	290	24.1	-	1022.8	-	14
2023-03-30 03:00:00	-2.2	-9.4	58	0	-	300	22.3	-	1023.5	-	14
2023-03-30 04:00:00	-3	-11.2	53	0	-	320	20	-	1024	-	14
2023-03-30 05:00:00	-3.3	-11.8	52	0	-	310	20.5	-	1025	-	3
2023-03-30 06:00:00	-4.4	-11.6	57	0	-	290	11.2	-	1025.9	-	14
2023-03-30 07:00:00	-3.3	-10.6	57	0	-	330	9.4	-	1027	-	3
2023-03-30 08:00:00	-2.2	-11.7	48	0	-	340	13	-	1027.4	-	3
2023-03-30 09:00:00	-1.1	-11.8	44	0	-	300	14.8	-	1027.8	-	3
2023-03-30 10:00:00	-1	-11.4	45	0	-	300	17	-	1027	-	3
2023-03-30 11:00:00	-0.6	-11.7	43	0	-	280	18.4	-	1027.7	-	3
2023-03-30 12:00:00	1	-10.2	43	0	-	290	24	-	1027	-	3
2023-03-30 13:00:00	2.2	-10.7	38	0	-	290	20.5	-	1027.5	-	3
2023-03-30 14:00:00	3	-11	35	0	-	300	20	-	1027	-	3
2023-03-30 15:00:00	2.8	-12.3	32	0	-	290	14.8	-	1027	-	3
2023-03-30 16:00:00	3	-11.4	34	0	-	320	15	-	1026	-	2
2023-03-30 17:00:00	2.8	-10.1	38	0	-	310	13	-	1026.2	-	2
2023-03-30 18:00:00	1.1	-9.2	46	0	-	320	11.2	-	1026.2	-	2
2023-03-30 19:00:00	-1	-9.9	51	0	-	320	9	-	1026	-	2
2023-03-30 20:00:00	-1.1	-10	51	0	-	0	0	-	1026.6	-	2
2023-03-30 21:00:00	-1.7	-8.9	58	0	-	150	5.4	-	1027.1	-	12
2023-03-30 22:00:00	-1.7	-8.9	58	0	-	110	7.6	-	1026.7	-	2
2023-03-30 23:00:00	-2.2	-8.3	63	0	-	110	5.4	-	1026.4	-	2
2023-03-31 00:00:00	-3	-8.5	66	0	-	100	7	-	1026	-	2
2023-03-31 01:00:00	-3.3	-8.9	65	0	-	100	7.6	-	1025.7	-	2
2023-03-31 02:00:00	-4	-8.5	71	0	-	100	7	-	1025	-	2
2023-03-31 03:00:00	-4.4	-8.3	74	0	-	90	9.4	-	1024.8	-	2
2023-03-31 04:00:00	-3.9	-7.9	74	0	-	80	9.4	-	1024.5	-	3
2023-03-31 05:00:00	-2.8	-7.1	72	0	-	70	9.4	-	1024.4	-	3
2023-03-31 06:00:00	-3	-7.3	72	0	-	90	9	-	1024	-	3
2023-03-31 07:00:00	-2.2	-6.8	71	0	-	90	7.6	-	1023.6	-	4
2023-03-31 08:00:00	0	-6	64	0	-	40	7.6	-	1023	-	4
2023-03-31 09:00:00	2.2	-6.2	54	0	-	70	7.6	-	1022.1	-	4
2023-03-31 10:00:00	3	-5.4	54	0	-	90	13	-	1021	-	4
2023-03-31 11:00:00	4.4	-4.9	51	0	-	70	9.4	-	1019.8	-	4
2023-03-31 12:00:00	5	-3.3	55	0.1	-	80	22.3	-	1017.3	-	4
2023-03-31 13:00:00	7.2	-2.8	49	0.2	-	60	14.8	-	1015.9	-	7
2023-03-31 14:00:00	7.2	0.6	63	0.2	-	120	20.5	-	1013	-	7
2023-03-31 15:00:00	8	1.8	65	1.5	-	160	22	-	1012	-	7
2023-03-31 16:00:00	8	3.1	71	1.4	-	190	13	-	1011	-	7
2023-03-31 17:00:00	8.3	3.3	71	0.5	-	190	18.4	-	1011	-	7
2023-03-31 18:00:00	8.3	3.9	74	0.7	-	180	11.2	-	1010.8	-	7
2023-03-31 19:00:00	8	4.6	79	0.4	-	150	9	-	1011	-	7
2023-03-31 20:00:00	8.3	4.3	76	1.7	-	180	11.2	-	1011	-	7
2023-03-31 21:00:00	8.3	5.6	83	0.4	-	150	14.8	-	1009.3	-	7
2023-03-31 22:00:00	8.9	5.6	80	0.5	-	150	7.6	-	1008	-	7
2023-03-31 23:00:00	9.4	5.6	77	0.2	-	130	9.4	-	1006.6	-	7

2023-04-01 00:00:00	9	5.7	80	0	-	170	9	-	1005	-	7
2023-04-01 01:00:00	9.4	6.1	80	0.1	-	120	11.2	-	1003.9	-	7
2023-04-01 02:00:00	10	6.2	77	0	-	160	9	-	1003	-	8
2023-04-01 03:00:00	8.9	7.2	89	0.2	-	90	20.5	-	998.4	-	8
2023-04-01 04:00:00	9.4	7.8	90	0.9	-	120	16.6	-	997.8	-	8
2023-04-01 05:00:00	11	8.7	86	3.6	-	150	13	-	996	-	8
2023-04-01 06:00:00	13.3	9.4	77	1	-	190	22.3	-	995.1	-	8
2023-04-01 07:00:00	14.4	10	75	1.8	-	180	29.5	-	994.3	-	8
2023-04-01 08:00:00	15	8.9	67	2.1	-	180	24	-	993	-	7
2023-04-01 09:00:00	16	7.7	58	0	-	200	26	-	994	-	7
2023-04-01 10:00:00	18.3	7.1	48	0.1	-	250	37.1	-	993.9	-	7
2023-04-01 11:00:00	20	0.9	28	0	-	250	35	-	993.2	-	4
2023-04-01 12:00:00	21	0.2	25	0	-	260	35	-	993	-	7
2023-04-01 13:00:00	21.7	-0.3	23	0	-	250	32	-	990.7	-	3
2023-04-01 14:00:00	22	-1.3	21	0	-	240	26	-	990	-	3
2023-04-01 15:00:00	19.4	2.3	32	0	-	320	25.9	-	988.7	-	7
2023-04-01 16:00:00	14.4	3.8	49	0	-	300	33	-	992.8	-	7
2023-04-01 17:00:00	9.4	7.2	86	0.1	-	260	20.5	-	995	-	7
2023-04-01 18:00:00	9.4	6.1	80	2	-	230	14.8	-	994.6	-	7
2023-04-01 19:00:00	9	5.7	80	0.1	-	150	6	-	995	-	7
2023-04-01 20:00:00	7.8	3.8	76	0	-	250	43	-	996.4	-	7
2023-04-01 21:00:00	5	2.2	82	0.9	-	270	39	-	999	-	7
2023-04-01 22:00:00	3.9	1.1	82	0.3	-	290	27.7	-	1000	-	7
2023-04-01 23:00:00	2	-0.3	85	0.3	-	320	30	-	1003	-	7

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	3/27/2023	General Weather Conditions
System Start Time	7:15	High 30s, partly cloudy
System Stop Time	15:15:00 PM	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:00
System Calibrations	YES	Stormwater basin installation
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
7:15-8:00	Ithaca Office CAMP UW	VOC	UW	4.15-31.22	4	Elevated readings were recorded during PID calibration	GEI representative

Notes:

Elevated readings were recording during the standard daily PID calibration process. Readings returned to baseline shortly after standard calibrations for the rest of the monitoring period.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 3/27/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	3/28/2023	General Weather Conditions
System Start Time	7:30	High 30s, partly cloudy
System Stop Time	13:30:00 PM	
Total Hours Monitored	6	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:00
System Calibrations	YES	Stormwater basin installation
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified
7:30	Ithaca Office CAMP UW	VOC	UW	7.47	1	Elevated readings occurred during the daily PID calibration	GEI representative

Notes:
No Exceedances

Elevated readings were recording during the standard daily PID calibration process. Readings returned to baseline shortly after standard calibrations for the rest of the monitoring period.

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 3/28/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	3/30/2023	General Weather Conditions
System Start Time	7:00	High 20s, partly cloudy
System Stop Time	12:15	
Total Hours Monitored	5	General Description of Site Activities:
		Arrival: 6:30, Departure: 14:00
System Calibrations	YES	- Material loadout
(Time/Status)	7:00:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 3/30/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	3/31/2023	General Weather Conditions
System Start Time	7:45	High 30s, partly cloudy
System Stop Time	14:00	
Total Hours Monitored	6	General Description of Site Activities:
		Arrival: 7:30, Departure: 15:00
System Calibrations	YES	- Test pit sampling
(Time/Status)	7:45:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
No Exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 3/31/2023

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GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: May 17, 2023

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site)
May 4, 2023 through May 11, 2023

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site (Figure 1). Two air monitoring stations (Upwind and Downwind) are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were no measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Excavation for swale (southeastern site border);
- Loadout of soil stockpile (southern corner); and
- Waste characterization soil sampling (southern portion).

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

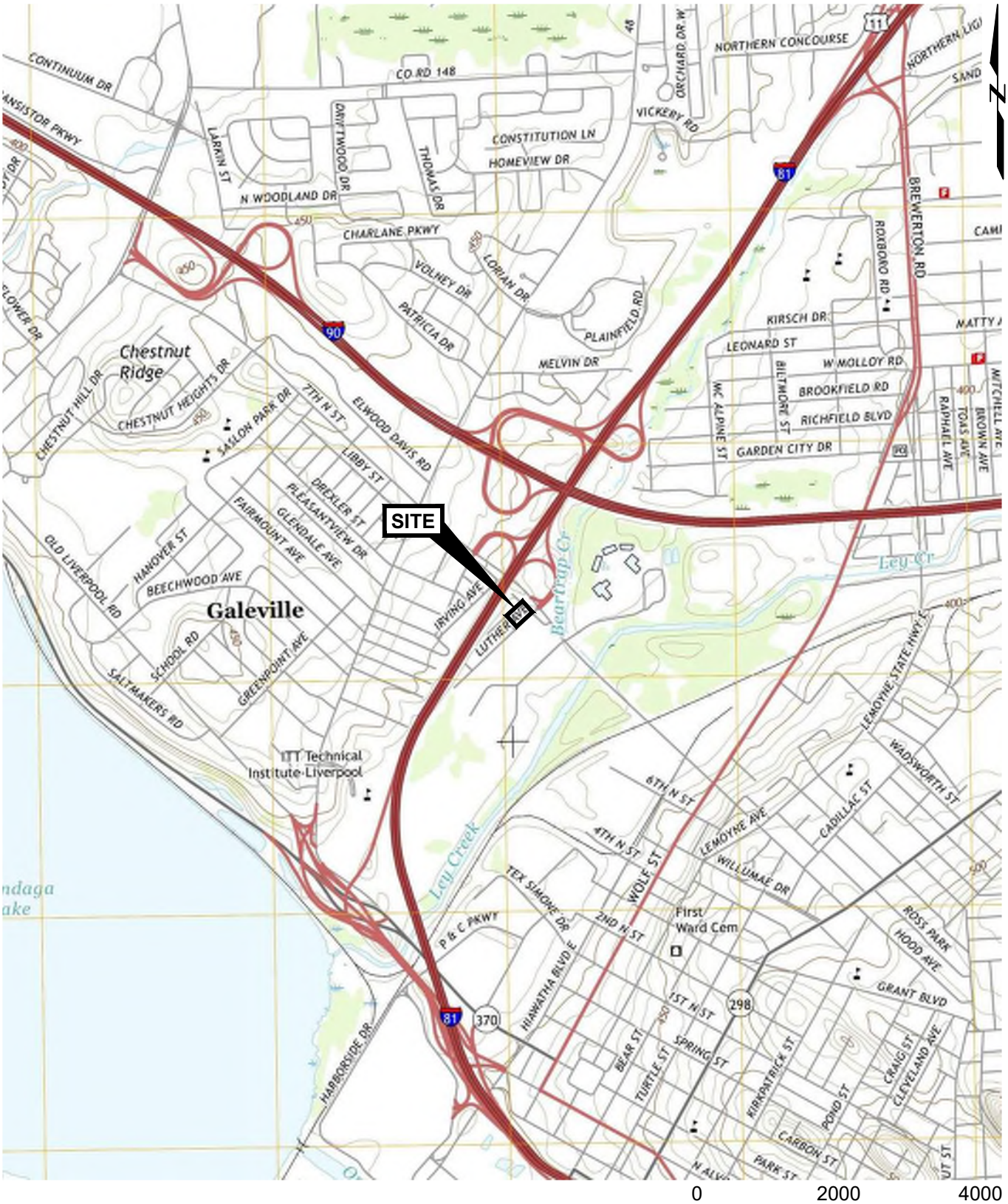
Real-time monitoring for TVOC and PM_{10} was performed at two battery-powered, GEI-owned air monitoring stations. Both stations included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter (dust monitor) to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

Weather conditions were obtained from the local Syracuse Hancock International Airport (SYR) for May 4, 2023 through May 11, 2023 and are presented in Table 2. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

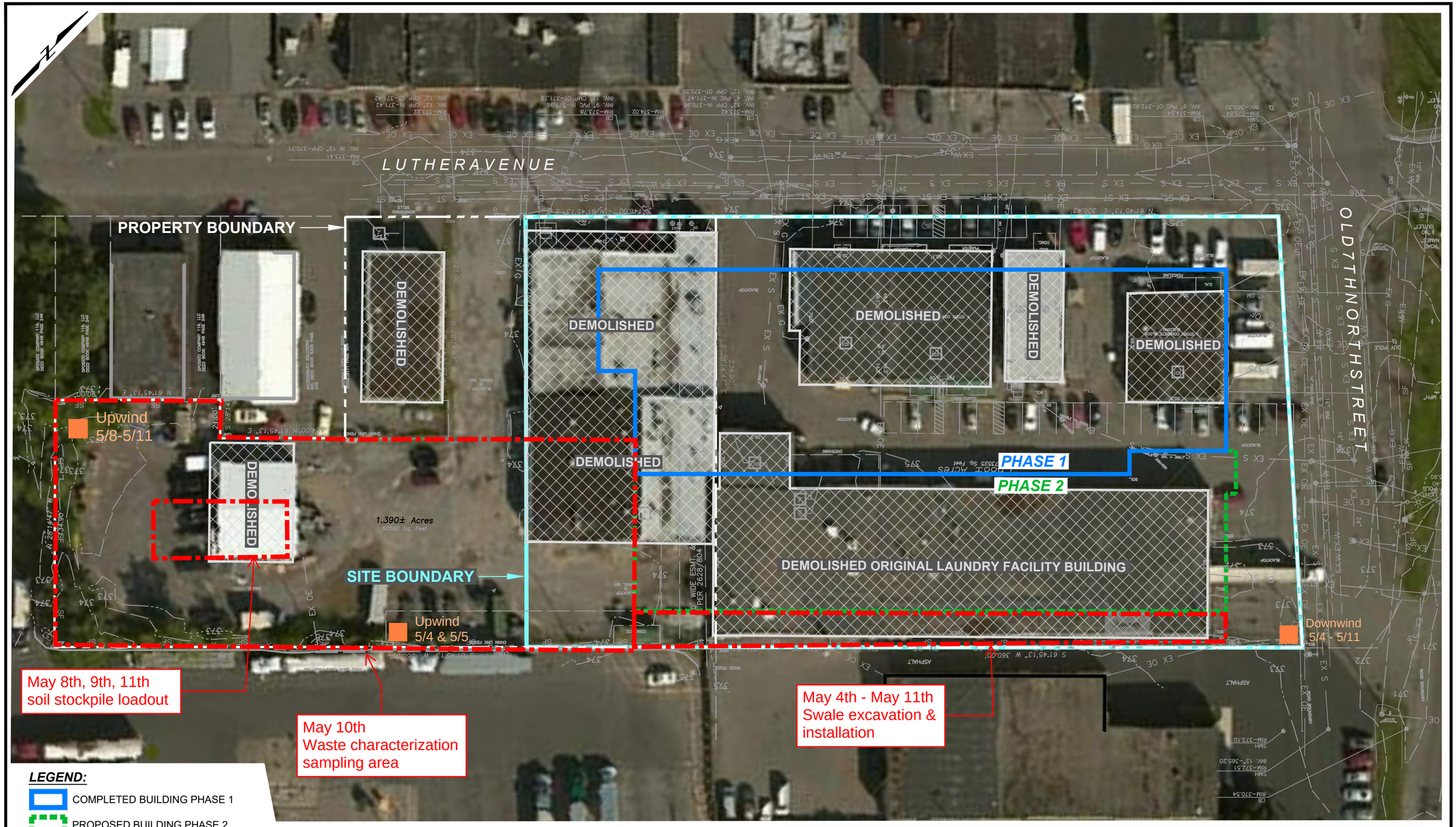
NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	May 2023 / Fig. 1

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LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- UW DW Air Monitoring Station

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | May 2023 | Fig. 2

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Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)		PM_{10} (ug/m^3)	
Alert Limit	3.7		100	
Action Limit	5.0		150	
Stop Work Limit	25.0		-	
Date	**Downwind**	**Upwind**	**Downwind**	**Upwind**
Thu 5/4/2023	0.3	0	9	38
Fri 5/5/2023	0.7	0.0	19	13
Sat 5/6/2023	NM	NM	NM	NM
Sun 5/7/2023	NM	NM	NM	NM
Mon 5/8/2023	3.4	0.2	6	16
Tue 5/9/2023	0.1	0.1	6	23
Wed 5/10/2023	1.0	0.1	29	11
Thu 5/11/2023	0.2	0.2	35	17

Notes:

ug/m^3 = micrograms per cubic meter

ppmv = parts per million by volume

TVOC = total volatile organic compounds

PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter

NM = Not Measured.

Table 2: Meteorological Data from Syracuse
Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature *°C*	Dew Point *°C*	Relative Humidity *%*	Total Precipitation *mm*	Snow Depth	Wind Direction	Wind Speed *km/h*	Peak Gust	Air Pressure *hPa*	Sunshine Duration	Weather Condition Code
2023-05-04 00:00:00	5.6	3.9	89	0	-	270	13	-	1006.2	-	7
2023-05-04 01:00:00	6.1	4.4	89	0	-	310	9.4	-	1006.7	-	4
2023-05-04 02:00:00	6.1	4.4	89	0	-	310	9.4	-	1006.7	-	7
2023-05-04 03:00:00	6.1	4.4	89	0	-	270	7.6	-	1007.1	-	7
2023-05-04 04:00:00	6.1	5.1	93	0.3	-	280	9.4	-	1007.4	-	7
2023-05-04 05:00:00	6.1	4.4	89	0	-	310	7.6	-	1008.1	-	7
2023-05-04 06:00:00	6.1	5.1	93	0	-	300	5.4	-	1009	-	7
2023-05-04 07:00:00	6.7	5	89	0	-	0	0	-	1009.9	-	4
2023-05-04 08:00:00	7.8	5.6	86	0	-	250	5.4	-	1011.4	-	7
2023-05-04 09:00:00	8.9	6.2	83	0	-	0	0	-	1012	-	7
2023-05-04 10:00:00	10	5.6	74	0	-	0	0	-	1012.5	-	4
2023-05-04 11:00:00	10	5.6	74	0	-	0	0	-	1012.5	-	4
2023-05-04 12:00:00	11.1	5	66	0.1	-	280	5.4	-	1013.1	-	4
2023-05-04 13:00:00	8.9	6.7	86	0.2	-	40	7.6	-	1013.9	-	4
2023-05-04 14:00:00	8.9	6.7	86	4.6	-	40	7.6	-	1013.9	-	4
2023-05-04 15:00:00	11.1	5.6	69	0	-	330	14.8	-	1014.1	-	4
2023-05-04 16:00:00	11.7	5.6	66	0	-	320	16.6	-	1014.3	-	4
2023-05-04 17:00:00	11.1	5.6	69	0	-	310	18.4	-	1015.8	-	4
2023-05-04 18:00:00	10.6	5.6	71	0	-	310	14.8	-	1016.3	-	4
2023-05-04 19:00:00	10.6	5.6	71	0	-	310	14.8	-	1016.3	-	4
2023-05-04 20:00:00	10	5	71	0	-	310	13	-	1017	-	4
2023-05-04 21:00:00	10	5	71	0	-	310	11.2	-	1017.6	-	3
2023-05-04 22:00:00	8.3	4.3	76	0	-	300	9.4	-	1018.6	-	3
2023-05-04 23:00:00	8.3	4.3	76	0	-	300	9.4	-	1018.6	-	3
2023-05-05 00:00:00	8.3	4.3	76	0	-	290	5.4	-	1019.4	-	3
2023-05-05 01:00:00	8.3	4.3	76	0	-	290	5.4	-	1019.4	-	4
2023-05-05 02:00:00	7.8	5.1	83	0	-	260	7.6	-	1020.1	-	4
2023-05-05 03:00:00	7.8	4.4	79	0	-	260	7.6	-	1020.5	-	3
2023-05-05 04:00:00	7.8	4.4	79	0	-	260	7.6	-	1020.5	-	3
2023-05-05 05:00:00	6.7	4.4	85	0	-	240	9.4	-	1021.5	-	3
2023-05-05 06:00:00	6.7	4.4	85	0	-	240	9.4	-	1021.5	-	7
2023-05-05 07:00:00	8.3	5.1	80	0	-	260	7.6	-	1023.1	-	4
2023-05-05 08:00:00	8.9	5.1	77	0	-	260	9.4	-	1023.7	-	4
2023-05-05 09:00:00	10.6	5.6	71	0	-	250	7.6	-	1024.1	-	3
2023-05-05 10:00:00	11.7	5.6	66	0	-	250	5.4	-	1024.5	-	4
2023-05-05 11:00:00	13.3	5.7	60	0	-	350	5.4	-	1024.5	-	4
2023-05-05 12:00:00	13.3	5.7	60	0	-	350	5.4	-	1024.5	-	3
2023-05-05 13:00:00	14.4	4.9	53	0	-	0	0	-	1024.2	-	3
2023-05-05 14:00:00	16.1	5.7	50	0	-	300	11.2	-	1024	-	3
2023-05-05 15:00:00	16.1	5.7	50	0	-	300	11.2	-	1024	-	3
2023-05-05 16:00:00	16.7	5.6	48	0	-	310	13	-	1023.6	-	3
2023-05-05 17:00:00	16.1	5.1	48	0	-	350	11.2	-	1023.7	-	3
2023-05-05 18:00:00	15.6	5.5	51	0	-	320	14.8	-	1023.8	-	3
2023-05-05 19:00:00	13.3	5	57	0	-	340	9.4	-	1024	-	3
2023-05-05 20:00:00	12.8	5	59	0	-	310	11.2	-	1024.6	-	3
2023-05-05 21:00:00	11.7	4.4	61	0	-	310	11.2	-	1025	-	3
2023-05-05 22:00:00	11.7	4.4	61	0	-	310	11.2	-	1025	-	3
2023-05-05 23:00:00	8.9	3.9	71	0	-	280	9.4	-	1025.8	-	3
2023-05-06 00:00:00	7.8	3.8	76	0	-	0	0	-	1025.7	-	3
2023-05-06 01:00:00	7.8	3.8	76	0	-	0	0	-	1025.7	-	2
2023-05-06 02:00:00	6.1	3.9	86	0	-	0	0	-	1025.5	-	2
2023-05-06 03:00:00	6.1	3.3	82	0	-	0	0	-	1025.9	-	2
2023-05-06 04:00:00	5	2.9	86	0	-	250	5.4	-	1026.4	-	3
2023-05-06 05:00:00	5	2.9	86	0	-	0	0	-	1026.5	-	2
2023-05-06 06:00:00	5	2.9	86	0	-	0	0	-	1026.5	-	2
2023-05-06 07:00:00	9.4	4.4	71	0	-	240	7.6	-	1027	-	2
2023-05-06 08:00:00	12.2	4.9	61	0	-	280	9.4	-	1027	-	2
2023-05-06 09:00:00	13.9	5.5	57	0	-	280	7.6	-	1026.7	-	7
2023-05-06 10:00:00	16.7	6.2	50	0	-	280	13	-	1026.2	-	3
2023-05-06 11:00:00	16.7	6.2	50	0	-	280	13	-	1026.2	-	3
2023-05-06 12:00:00	18.9	4.3	38	0	-	280	16.6	-	1025	-	7
2023-05-06 13:00:00	20	4.5	36	0	-	290	16.6	-	1024.5	-	3
2023-05-06 14:00:00	20.6	4.6	35	0	-	320	22.3	-	1023.9	-	3
2023-05-06 15:00:00	20.6	4.6	35	0	-	320	22.3	-	1023.9	-	3
2023-05-06 16:00:00	20	2.4	31	0	-	350	20.5	-	1022.6	-	3
2023-05-06 17:00:00	19.4	-0.1	27	0	-	300	7.6	-	1022.1	-	3
2023-05-06 18:00:00	18.9	0.5	29	0	-	310	5.4	-	1021.7	-	2
2023-05-06 19:00:00	16.7	1.5	36	0	-	300	13	-	1021.8	-	2

2023-05-06 20:00:00	16.7	1.5	36	0	-	300	13	-	1021.8	-	2
2023-05-06 21:00:00	13.9	2.8	47	0	-	0	0	-	1021.9	-	2
2023-05-06 22:00:00	10.6	3.4	61	0	-	0	0	-	1021.6	-	2
2023-05-06 23:00:00	10	5	71	0	-	0	0	-	1021.5	-	2
2023-05-07 00:00:00	9.4	4	69	0	-	0	0	-	1021	-	7
2023-05-07 01:00:00	9.4	4	69	0	-	0	0	-	1021	-	2
2023-05-07 02:00:00	8.3	2.7	68	0	-	0	0	-	1020.5	-	2
2023-05-07 03:00:00	7.8	2.9	71	0	-	0	0	-	1020.3	-	2
2023-05-07 04:00:00	7.2	2.3	71	0	-	0	0	-	1019.5	-	2
2023-05-07 05:00:00	6.1	2.2	76	0	-	110	7.6	-	1019.3	-	3
2023-05-07 06:00:00	6.1	2.2	76	0	-	110	7.6	-	1019.3	-	2
2023-05-07 07:00:00	10	3.9	66	0	-	0	0	-	1018.7	-	2
2023-05-07 08:00:00	13.3	3.9	53	0	-	0	0	-	1017.9	-	3
2023-05-07 09:00:00	17.2	5.2	45	0	-	0	0	-	1017.5	-	7
2023-05-07 10:00:00	17.2	5.2	45	0	-	0	0	-	1017.5	-	3
2023-05-07 11:00:00	21.1	3.8	32	0	-	0	5.4	-	1015.5	-	3
2023-05-07 12:00:00	22.8	3.8	29	0	-	247	5.4	-	1014.2	-	3
2023-05-07 13:00:00	23.3	5.2	31	0	-	263	7.6	-	1013.1	-	3
2023-05-07 14:00:00	22.8	5.2	32	0	-	50	14.8	-	1011.9	-	3
2023-05-07 15:00:00	22.8	5.2	32	0	-	50	14.8	-	1011.9	-	4
2023-05-07 16:00:00	21.7	5.6	35	0	-	20	9.4	-	1010.3	-	4
2023-05-07 17:00:00	19.4	6.2	42	0	-	320	16.6	-	1010.2	-	4
2023-05-07 18:00:00	14.4	9.4	72	0.4	-	360	16.6	-	1010.6	-	4
2023-05-07 19:00:00	14.4	9.4	72	0.8	-	360	16.6	-	1010.6	-	4
2023-05-07 20:00:00	13.3	9.9	80	0.3	-	0	0	-	1011	-	7
2023-05-07 21:00:00	12.2	9.4	83	3.8	-	270	5.4	-	1011.3	-	4
2023-05-07 22:00:00	12.2	8.9	80	1	-	0	0	-	1010.7	-	4
2023-05-07 23:00:00	12.2	9.4	83	0.2	-	0	0	-	1010.4	-	7
2023-05-08 00:00:00	12.2	9.4	83	0	-	0	0	-	1010.4	-	4
2023-05-08 01:00:00	10.6	8.9	89	0	-	260	9.4	-	1010	-	4
2023-05-08 02:00:00	10	8.3	89	0	-	260	9.4	-	1010.2	-	4
2023-05-08 03:00:00	10	8.3	89	0	-	260	9.4	-	1010.2	-	4
2023-05-08 04:00:00	9.4	7.8	90	0	-	240	11.2	-	1010.3	-	4
2023-05-08 05:00:00	9.4	7.8	90	0	-	240	11.2	-	1010.3	-	3
2023-05-08 06:00:00	9.4	7.8	90	0	-	260	13	-	1011.5	-	4
2023-05-08 07:00:00	11.1	8.3	83	0	-	280	16.6	-	1012.5	-	3
2023-05-08 08:00:00	12.8	8.9	77	0	-	280	11.2	-	1012.1	-	3
2023-05-08 09:00:00	14.4	9	70	0	-	270	14.8	-	1012.5	-	2
2023-05-08 10:00:00	14.4	9	70	0	-	270	14.8	-	1012.5	-	2
2023-05-08 11:00:00	17.2	5.5	46	0	-	300	24.1	-	1012.1	-	2
2023-05-08 12:00:00	17.8	3.3	38	0	-	310	20.5	-	1011.9	-	7
2023-05-08 13:00:00	17.8	3.3	38	0	-	310	20.5	-	1011.9	-	2
2023-05-08 14:00:00	17.8	0	30	0	-	300	22.3	-	1012.4	-	2
2023-05-08 15:00:00	17.8	0	30	0	-	300	22.3	-	1012.4	-	2
2023-05-08 16:00:00	17.2	-2	27	0	-	310	18.4	-	1012.3	-	2
2023-05-08 17:00:00	17.2	-0.1	31	0	-	300	20.5	-	1012.4	-	2
2023-05-08 18:00:00	16.1	-0.6	32	0	-	290	16.6	-	1012.5	-	3
2023-05-08 19:00:00	16.1	-0.6	32	0	-	290	16.6	-	1012.5	-	3
2023-05-08 20:00:00	12.2	0.6	45	0	-	320	5.4	-	1013.1	-	3
2023-05-08 21:00:00	10.6	2.9	59	0	-	0	0	-	1013.9	-	3
2023-05-08 22:00:00	10	1.6	56	0	-	0	0	-	1014	-	3
2023-05-08 23:00:00	8.9	2.2	63	0	-	0	0	-	1014.2	-	2
2023-05-09 00:00:00	7.8	2.9	71	0	-	110	5.4	-	1014.1	-	3
2023-05-09 01:00:00	7.8	2.9	71	0	-	110	5.4	-	1014.1	-	3
2023-05-09 02:00:00	6.7	2.2	73	0	-	0	0	-	1013.7	-	3
2023-05-09 03:00:00	7.2	2.3	71	0	-	0	0	-	1014.1	-	2
2023-05-09 04:00:00	6.1	2.2	76	0	-	0	0	-	1014.7	-	2
2023-05-09 05:00:00	6.1	2.7	79	0	-	310	7.6	-	1015.4	-	7
2023-05-09 06:00:00	7	3.1	76	0	-	336	3.7	-	1016	-	2
2023-05-09 07:00:00	8.9	1.8	61	0	-	340	9.4	-	1016.6	-	3
2023-05-09 08:00:00	11.1	-0.1	46	0	-	0	0	-	1017	-	3
2023-05-09 09:00:00	12	-1.2	40	0	-	360	7	-	1018	-	7
2023-05-09 10:00:00	14.4	-3	30	0	-	310	9.4	-	1017.8	-	3
2023-05-09 11:00:00	16.1	-1	31	0	-	340	9.4	-	1017.8	-	3
2023-05-09 12:00:00	16	-2	29	0	-	322	9	-	1018	-	7
2023-05-09 13:00:00	16.7	-1	30	0	-	320	18.4	-	1017.6	-	2
2023-05-09 14:00:00	16	-1.6	30	0	-	300	24	-	1018	-	2
2023-05-09 15:00:00	15.6	-2.9	28	0	-	320	18.4	-	1017.7	-	2
2023-05-09 16:00:00	16.1	-1.5	30	0	-	320	20.5	-	1017.8	-	2
2023-05-09 17:00:00	16.1	-2.9	27	0	-	330	20.5	-	1017.8	-	2
2023-05-09 18:00:00	15.6	-2.9	28	0	-	310	16.6	-	1018.3	-	2
2023-05-09 19:00:00	13	-2.5	34	0	-	300	13	-	1019	-	2
2023-05-09 20:00:00	11.1	-1	43	0	-	310	9.4	-	1019.3	-	2
2023-05-09 21:00:00	10	-0.5	48	0	-	0	0	-	1019.8	-	2
2023-05-09 22:00:00	9	1.9	61	0	-	300	5.5	-	1020	-	2
2023-05-09 23:00:00	7.8	0.5	60	0	-	110	5.4	-	1020.4	-	2

2023-05-10 00:00:00	7	0.4	63	0	-	213	1.8	-	1021	-	2
2023-05-10 01:00:00	6.1	0.6	68	0	-	140	5.4	-	1020.5	-	2
2023-05-10 02:00:00	6	0.3	67	0	-	160	7	-	1021	-	2
2023-05-10 03:00:00	5	0	70	0	-	120	7.6	-	1020.9	-	2
2023-05-10 04:00:00	5	0	70	0	-	0	0	-	1021.3	-	2
2023-05-10 05:00:00	5	0	70	0	-	192	1.8	-	1022	-	2
2023-05-10 06:00:00	5.6	1.1	73	0	-	0	0	-	1022.4	-	2
2023-05-10 07:00:00	8.9	3.3	68	0	-	0	0	-	1022.7	-	2
2023-05-10 08:00:00	12.2	1.8	49	0	-	250	9.4	-	1023	-	2
2023-05-10 09:00:00	14.4	1.6	42	0	-	250	13	-	1023	-	7
2023-05-10 10:00:00	16	3.1	42	0	-	270	17	-	1023	-	2
2023-05-10 11:00:00	17.2	3.5	40	0	-	270	16.6	-	1022.4	-	2
2023-05-10 12:00:00	18.9	1.8	32	0	-	280	20.5	-	1021.6	-	7
2023-05-10 13:00:00	20	1.9	30	0	-	280	14.8	-	1020.8	-	2
2023-05-10 14:00:00	21	0.8	26	0	-	320	19	-	1020	-	2
2023-05-10 15:00:00	21.1	1.4	27	0	-	270	16.6	-	1019.4	-	2
2023-05-10 16:00:00	20.6	0.4	26	0	-	300	16.6	-	1019.2	-	2
2023-05-10 17:00:00	20	0.4	27	0	-	280	13	-	1019.1	-	2
2023-05-10 18:00:00	18.9	0.5	29	0	-	310	11.2	-	1018.9	-	2
2023-05-10 19:00:00	18	0.6	31	0	-	280	11	-	1019	-	2
2023-05-10 20:00:00	15	1.8	41	0	-	0	0	-	1018.9	-	2
2023-05-10 21:00:00	13.3	2.8	49	0	-	0	0	-	1019.3	-	2
2023-05-10 22:00:00	12.2	4.4	59	0	-	0	0	-	1019.3	-	2
2023-05-10 23:00:00	11.1	3.9	61	0	-	120	5.4	-	1019.3	-	2
2023-05-11 00:00:00	11.1	3.9	61	0	-	0	0	-	1019.1	-	2
2023-05-11 01:00:00	9	3.6	69	0	-	225	3.7	-	1020	-	2
2023-05-11 02:00:00	8.3	4.3	76	0	-	60	5.4	-	1019.3	-	2
2023-05-11 03:00:00	7.8	4.4	79	0	-	0	0	-	1019.3	-	2
2023-05-11 04:00:00	8	4	76	0	-	242	5.5	-	1020	-	2
2023-05-11 05:00:00	7.2	4	80	0	-	0	0	-	1019.9	-	2
2023-05-11 06:00:00	8.3	4.3	76	0	-	0	0	-	1020.6	-	2
2023-05-11 07:00:00	12.8	6.2	64	0	-	0	0	-	1020.9	-	2
2023-05-11 08:00:00	17.2	5.2	45	0	-	260	13	-	1021	-	2
2023-05-11 09:00:00	19	5.1	40	0	-	280	11	-	1021	-	7
2023-05-11 10:00:00	21.1	6.2	38	0	-	280	7.6	-	1020.1	-	2
2023-05-11 11:00:00	22.8	6.5	35	0	-	260	13	-	1019.8	-	2
2023-05-11 12:00:00	23.9	7.9	36	0	-	250	20.5	-	1019.2	-	7
2023-05-11 13:00:00	23.9	8.3	37	0	-	290	13	-	1018.8	-	2
2023-05-11 14:00:00	25	8.5	35	0	-	310	15	-	1019	-	2
2023-05-11 15:00:00	25	8.5	35	0	-	290	20.5	-	1017.8	-	2
2023-05-11 16:00:00	25.6	7.7	32	0	-	290	20.5	-	1017.8	-	2
2023-05-11 17:00:00	25	7.2	32	0	-	310	13	-	1017.6	-	2
2023-05-11 18:00:00	23.9	7.9	36	0	-	320	13	-	1017	-	2
2023-05-11 19:00:00	23	7.5	37	0	-	320	6	-	1017	-	2
2023-05-11 20:00:00	18.9	8	49	0	-	0	0	-	1017.2	-	2
2023-05-11 21:00:00	17.8	8.4	54	0	-	0	0	-	1017.3	-	2
2023-05-11 22:00:00	17.2	8.9	58	0	-	110	5.4	-	1017.2	-	2
2023-05-11 23:00:00	16.1	8.8	62	0	-	0	0	-	1017	-	2
2023-05-12 00:00:00	16	9.2	64	0	-	225	5.5	-	1018	-	2
2023-05-12 01:00:00	15	8.9	67	0	-	0	0	-	1017	-	2
2023-05-12 02:00:00	13.9	8.9	72	0	-	0	0	-	1016.6	-	2
2023-05-12 03:00:00	13.3	8.4	72	0	-	0	0	-	1017	-	2
2023-05-12 04:00:00	14	9	72	0	-	232	5.5	-	1018	-	2
2023-05-12 05:00:00	16.1	6.8	54	0	-	230	9.4	-	1017.3	-	2
2023-05-12 06:00:00	16	9.9	67	0	-	239	3.7	-	1019	-	2
2023-05-12 07:00:00	18.9	8.8	52	0	-	0	0	-	1018.5	-	3
2023-05-12 08:00:00	21	7.6	42	0	-	260	13	-	1019	-	3
2023-05-12 09:00:00	23.3	7.8	37	0	-	260	14.8	-	1018.2	-	3
2023-05-12 10:00:00	24.4	8.4	36	0	-	250	9.4	-	1018	-	3
2023-05-12 11:00:00	25.6	9.4	36	0	-	268	5.4	-	1017.9	-	3
2023-05-12 12:00:00	26.7	10	35	0	-	250	16.6	-	1017.4	-	7
2023-05-12 13:00:00	27.2	9.1	32	0	-	290	18.4	-	1016.8	-	3
2023-05-12 14:00:00	28	7.8	28	0	-	280	17	-	1017	-	3
2023-05-12 15:00:00	28.3	8.6	29	0	-	290	24.1	-	1015.9	-	3
2023-05-12 16:00:00	27.2	6.6	27	0	-	280	24.1	-	1015.7	-	3
2023-05-12 17:00:00	26.7	7.2	29	0	-	310	18.4	-	1015.7	-	3
2023-05-12 18:00:00	25.6	8.1	33	0	-	320	14.8	-	1015.5	-	3
2023-05-12 19:00:00	24	6.7	33	0	-	260	13	-	1016	-	3
2023-05-12 20:00:00	21.1	7.3	41	0	-	240	11.2	-	1015.6	-	3
2023-05-12 21:00:00	21.7	7.9	41	0	-	240	13	-	1015.7	-	3
2023-05-12 22:00:00	21.7	7.9	41	0	-	230	14.8	-	1015.4	-	3
2023-05-12 23:00:00	21	8.6	45	0	-	290	9	-	1016	-	3

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/4/2023	General Weather Conditions
System Start Time	7:00	40s & 50s, partly cloudy
System Stop Time	15:45 PM	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:00
System Calibrations	YES	Swale excavation and installation
(Time/Status)	7:00:00 AM	Staging of materials for later loadout

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 5/4/2023

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GEI Consultants

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/5/2023	General Weather Conditions
System Start Time	6:50	40s & 50s, partly cloudy
System Stop Time	15:30	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:00
System Calibrations	YES	Swale excavation and installation
(Time/Status)	7:00:00 AM	Staging of materials for later loadout

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Wendy Moore
Date: 5/5/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/8/2023	General Weather Conditions
System Start Time	7:15	High 60s, partly cloudy
System Stop Time	15:45	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:00
System Calibrations	YES	Swale excavation and installation
(Time/Status)	7:00:00 AM	Staging of materials and loadout

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 5/8/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/9/2023	General Weather Conditions
System Start Time	6:45	High 60s, partly cloudy
System Stop Time	15:30	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 6:30, Departure: 15:45
System Calibrations	YES	Swale excavation and installation
(Time/Status)	7:00:00 AM	Staging of materials and loadout

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 5/9/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/10/2023	General Weather Conditions
System Start Time	6:55	High 60s, partly cloudy
System Stop Time	15:30	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:00
System Calibrations	YES	Swale excavation and installation
(Time/Status)	7:00:00 AM	Staging of excavated materials

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Wendy Moore
Date: 5/10/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/10/2023	General Weather Conditions
System Start Time	6:45	40's - 70's, partly cloudy
System Stop Time	15:45	
Total Hours Monitored	9	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:00
System Calibrations	YES	Swale excavation and installation
(Time/Status)	6:45:00 AM	Staging of excavated materials and loadout

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Wendy Moore
Date: 5/10/2023

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GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: May 30, 2023

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site)
May 17, 2023 through May 26, 2023

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan during Phase 2 Construction at the Site (Figure 1). Two air monitoring stations (Upwind and Downwind) are located on the perimeter of the Site (Figure 2).

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were two measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period. All exceedances are detailed below.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Excavation/grading for drainage and parking lot construction (southeastern site border);
- Excavation/installation for loading bay (rear of new Unifirst building); and
- Loadout of soil stockpile (southern corner);

The primary areas where intrusive activities took place during the reporting period can be found on the site map (Figure 2).

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at two battery-powered, GEI-owned air monitoring stations. Both stations included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter (dust monitor) to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

Particulate Matter (PM10) levels were measured above the Action Limit of 150 ug/m3 during this monitoring period at the DW station, as follows:

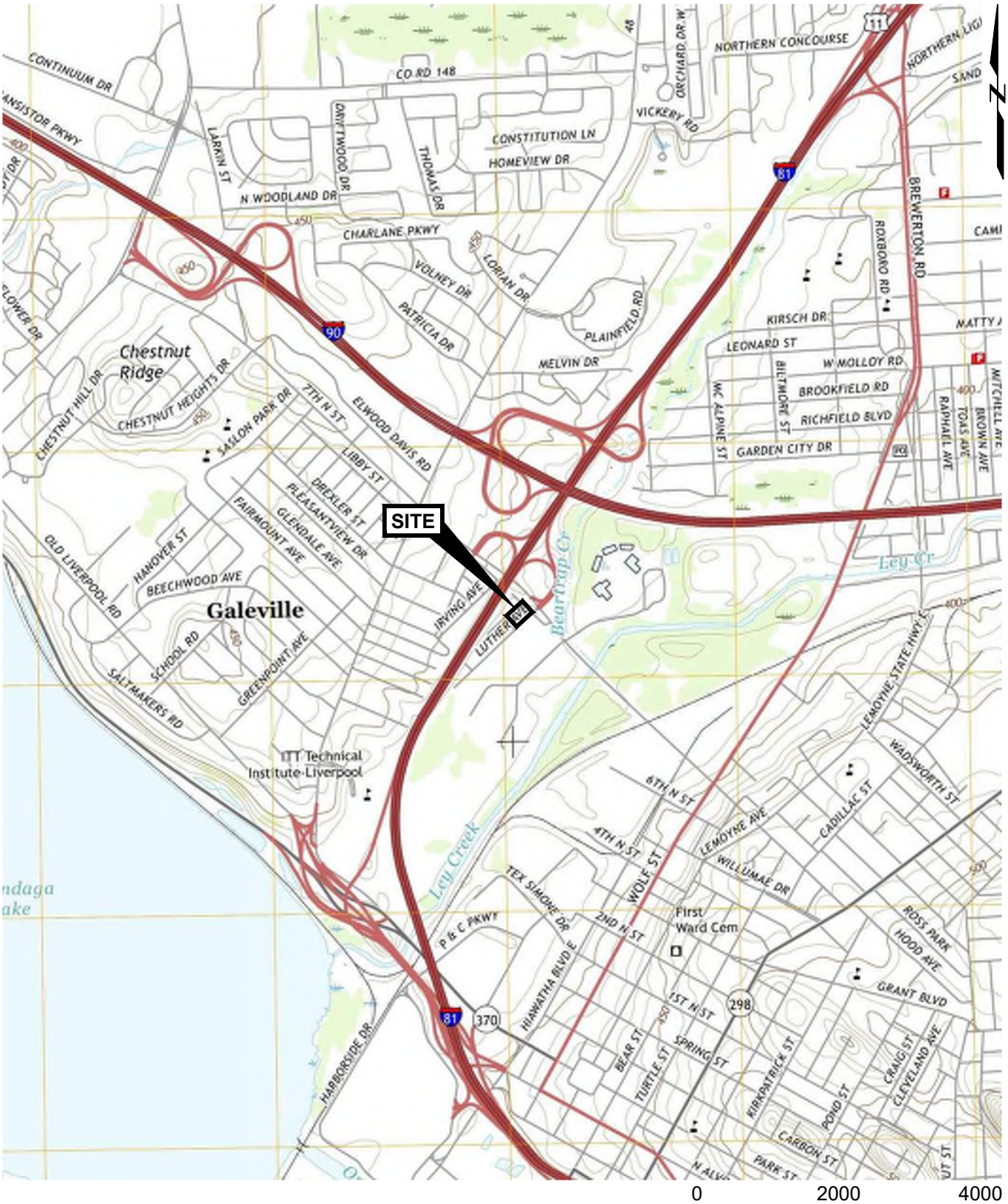
- PM10 levels were measured above the Action Limit at the DW station on May 24th between 10:15-10:30 and 10:45-11:00. Site excavation and equipment traffic was occurring near the DW monitoring station during this time. PM10 levels fell to acceptable levels without intervention.

Weather conditions were obtained from the local Syracuse Hancock International Airport (SYR) for May 17, 2023 through May 26, 2023 and are presented in Table 2. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

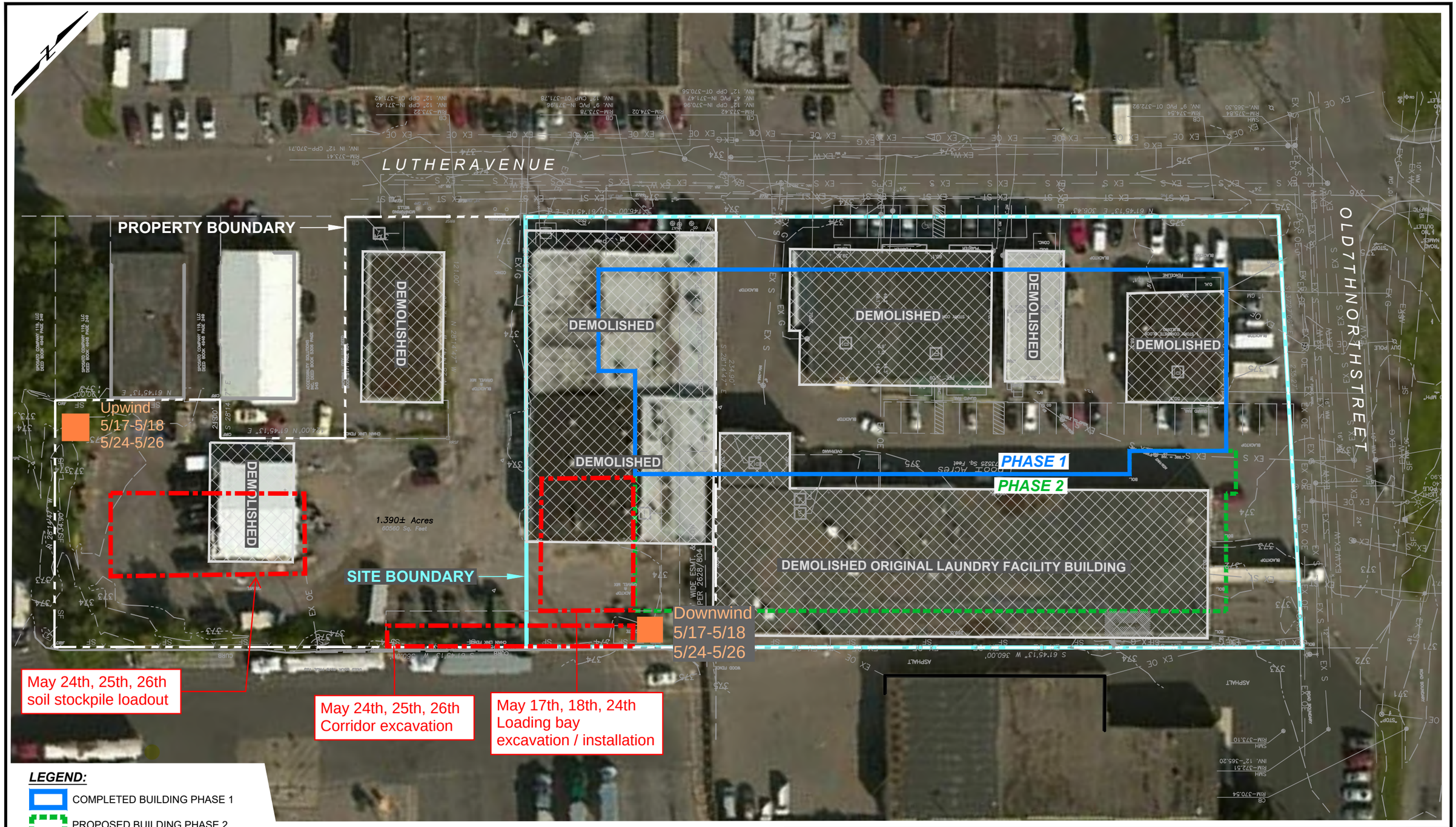
NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	May 2023 / Fig. 1

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LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- UW DW Air Monitoring Station

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

0 50 100

SCALE: 1" = 50'

Excavation Work Plan
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | May 2023 | Fig. 2

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Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)		PM_{10} (ug/m^3)	
Alert Limit	3.7		100	
Action Limit	5.0		150	
Stop Work Limit	25.0		-	
Date	**Downwind**	**Upwind**	**Downwind**	**Upwind**
Wed 5/17/2023	0.0	0.0	76	12
Thu 5/18/2023	0.0	0.0	8	24
Fri 5/19/2023	NM	NM	NM	NM
Sat 5/20/2023	NM	NM	NM	NM
Sun 5/21/2023	NM	NM	NM	NM
Mon 5/22/2023	NM	NM	NM	NM
Tue 5/23/2023	NM	NM	NM	NM
Wed 5/24/2023	0.0	0.3	258	22
Thu 5/25/2023	0.0	0.1	80	6
Fri 5/26/2023	0.0	0.8	30	15

Notes:

ug/m^3 = micrograms per cubic meter

ppmv = parts per million by volume

TVOC = total volatile organic compounds

PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter

NM = Not Measured.

Table 2: Meteorological Data from Syracuse
Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature *°C*	Dew Point *°C*	Relative Humidity *%*	Total Precipitation *mm*	Snow Depth	Wind Direction	Wind Speed *km/h*	Peak Gust	Air Pressure *hPa*	Sunshine Duration	Weather Condition Code
2023-05-17 00:00:00	8.3	1.7	63	0	-	330	18.4	-	1006.5	-	3
2023-05-17 01:00:00	8.0	-0.5	55	0	-	340	19.0	-	1008.0	-	3
2023-05-17 02:00:00	6.7	-0.5	60	0	-	350	22.3	-	1008.0	-	3
2023-05-17 03:00:00	6.0	-0.7	62	0	-	350	22.0	-	1009.0	-	3
2023-05-17 04:00:00	5.0	-1.7	62	0	-	340	24.1	-	1009.7	-	3
2023-05-17 05:00:00	2.8	-2.7	67	0	-	330	16.6	-	1011.1	-	7
2023-05-17 06:00:00	3.0	-3.6	62	0	-	350	22.0	-	1013.0	-	3
2023-05-17 07:00:00	3.0	-3.6	62	0	-	340	24.0	-	1013.0	-	3
2023-05-17 08:00:00	5.0	-3.8	53	0	-	10	24.0	-	1013.9	-	3
2023-05-17 09:00:00	6.1	-3.8	49	0	-	330	20.5	-	1014.5	-	3
2023-05-17 10:00:00	6.7	-4.4	45	0	-	320	20.5	-	1014.9	-	3
2023-05-17 11:00:00	7.8	-4	43	0	-	330	27.7	-	1015.3	-	3
2023-05-17 12:00:00	8.9	-4.3	39	0	-	330	25.9	-	1015.8	-	7
2023-05-17 13:00:00	9.0	-4.9	37	0	-	330	19.0	-	1016.0	-	2
2023-05-17 14:00:00	9.4	-6.5	32	0	-	290	22.3	-	1016.5	-	2
2023-05-17 15:00:00	10.0	-6.8	30	0	-	320	27.7	-	1016.7	-	2
2023-05-17 16:00:00	9.4	-6.5	32	0	-	340	22.3	-	1017.1	-	2
2023-05-17 17:00:00	9.0	-7.7	30	0	-	340	20.0	-	1018.0	-	2
2023-05-17 18:00:00	8.3	-7.1	33	0	-	310	18.4	-	1017.6	-	2
2023-05-17 19:00:00	7.2	-6.5	37	0	-	310	11.2	-	1018.1	-	2
2023-05-17 20:00:00	6.1	-5	45	0	-	290	13.0	-	1019.2	-	2
2023-05-17 21:00:00	4.4	-3.9	55	0	-	330	7.6	-	1020.3	-	2
2023-05-17 22:00:00	3.0	-2.5	67	0	-	282	5.5	-	1021.0	-	2
2023-05-17 23:00:00	2.8	-3.3	64	0	-	140	5.4	-	1021.4	-	2
2023-05-18 00:00:00	2.2	-3.3	67	0	-	110	5.4	-	1021.8	-	12
2023-05-18 01:00:00	1.7	-3.4	69	0	-	0	0.0	-	1022.2	-	2
2023-05-18 02:00:00	1.1	-4	69	0	-	0	0.0	-	1022.5	-	2
2023-05-18 03:00:00	1.0	-4.1	69	0	-	100	6.0	-	1023.0	-	2
2023-05-18 04:00:00	0.0	-4.4	72	0	-	120	5.4	-	1023.1	-	2
2023-05-18 05:00:00	-0.6	-5	72	0	-	130	7.6	-	1023.7	-	12
2023-05-18 06:00:00	1.1	-4	69	0	-	120	9.4	-	1024.3	-	2
2023-05-18 07:00:00	4.0	-3.8	57	0	-	100	9.0	-	1025.0	-	2
2023-05-18 08:00:00	8.3	-3.3	44	0	-	110	5.4	-	1025.3	-	2
2023-05-18 09:00:00	10.6	-6.7	29	0	-	130	9.4	-	1025.6	-	2
2023-05-18 10:00:00	12.2	-7.3	25	0	-	125	7.6	-	1025.4	-	2
2023-05-18 11:00:00	13.9	-4.8	27	0	-	122	7.6	-	1025.3	-	2
2023-05-18 12:00:00	15.0	-5.4	24	0	-	126	9.0	-	1025.0	-	7
2023-05-18 13:00:00	16.1	-3.4	26	0	-	122	7.6	-	1023.9	-	2
2023-05-18 14:00:00	17.2	-2	27	0	-	320	11.2	-	1023.2	-	2
2023-05-18 15:00:00	17.8	-2	26	0	-	0	0.0	-	1022.5	-	2
2023-05-18 16:00:00	18.3	-2.1	25	0	-	60	7.6	-	1022.1	-	2
2023-05-18 17:00:00	18.0	-1.8	26	0	-	40	13.0	-	1022.0	-	2
2023-05-18 18:00:00	17.2	-1	29	0	-	40	9.4	-	1021.5	-	2
2023-05-18 19:00:00	15.0	-1.2	33	0	-	60	9.4	-	1021.2	-	2
2023-05-18 20:00:00	12.8	-1.2	38	0	-	90	11.2	-	1021.1	-	2
2023-05-18 21:00:00	13.0	-1.4	37	0	-	120	6.0	-	1022.0	-	2
2023-05-18 22:00:00	10.0	0	50	0	-	100	11.2	-	1021.8	-	2
2023-05-18 23:00:00	10.0	1.1	54	0	-	100	7.6	-	1021.8	-	2
2023-05-19 00:00:00	11.1	1.6	52	0	-	120	5.4	-	1021.5	-	7
2023-05-19 01:00:00	15.0	2.2	42	0	-	170	22.3	-	1021.1	-	2
2023-05-19 02:00:00	14.0	2.6	46	0	-	170	20.0	-	1021.0	-	2
2023-05-19 03:00:00	12.8	3.2	52	0	-	160	9.4	-	1020.6	-	2
2023-05-19 04:00:00	12.8	4.5	57	0	-	170	16.6	-	1020.6	-	2
2023-05-19 05:00:00	13.0	4.7	57	0	-	180	17.0	-	1021.0	-	2
2023-05-19 06:00:00	13.3	5	57	0	-	170	13.0	-	1021.3	-	2
2023-05-19 07:00:00	14.0	5.4	56	0	-	170	19.0	-	1022.0	-	2
2023-05-19 08:00:00	16.1	6.8	54	0	-	160	22.3	-	1021.4	-	2
2023-05-19 09:00:00	17.8	6.6	48	0	-	190	20.5	-	1020.9	-	3
2023-05-19 10:00:00	20.6	7.9	44	0	-	170	20.5	-	1020.6	-	3
2023-05-19 11:00:00	22.8	8.9	41	0	-	200	16.6	-	1019.9	-	3
2023-05-19 12:00:00	23.0	8.7	40	0	-	160	32.0	-	1019.0	-	3
2023-05-19 13:00:00	23.3	8.2	38	0	-	170	29.5	-	1018.3	-	3
2023-05-19 14:00:00	25.0	9.3	37	0	-	170	29.5	-	1017.6	-	3
2023-05-19 15:00:00	23.9	9.5	40	0	-	180	29.5	-	1017.3	-	3
2023-05-19 16:00:00	23.0	7.9	38	0	-	210	30.0	-	1018.0	-	3
2023-05-19 17:00:00	23.3	8.9	40	0	-	180	14.8	-	1017.3	-	4
2023-05-19 18:00:00	22.2	9.4	44	0	-	170	24.1	-	1017.4	-	4
2023-05-19 19:00:00	21.1	10	49	0.2	-	170	18.4	-	1017.4	-	4

2023-05-19 20:00:00	20.0	10.1	53	0.2	-	150	13.0	-	1017.2	-	4
2023-05-19 21:00:00	21.0	9.9	49	0	-	170	11.0	-	1018.0	-	4
2023-05-19 22:00:00	20.0	8.3	47	0	-	180	16.6	-	1017.1	-	4
2023-05-19 23:00:00	20.0	8.3	47	0	-	190	22.3	-	1017.1	-	4
2023-05-20 00:00:00	19.4	8.4	49	0	-	177	7.6	-	1016.7	-	4
2023-05-20 01:00:00	18.9	8.2	50	0	-	160	16.6	-	1016.4	-	4
2023-05-20 02:00:00	19.0	8	49	0.6	-	170	17.0	-	1017.0	-	4
2023-05-20 03:00:00	17.8	7.8	52	1.2	-	150	24.1	-	1015.6	-	4
2023-05-20 04:00:00	16.7	7.9	56	3.3	-	110	18.4	-	1015.5	-	4
2023-05-20 05:00:00	16.7	7.9	56	0.4	-	150	16.6	-	1015.3	-	7
2023-05-20 06:00:00	16.7	8.4	58	0.1	-	140	18.4	-	1015.4	-	7
2023-05-20 07:00:00	17.0	8.7	58	0.2	-	121	11.0	-	1016.0	-	7
2023-05-20 08:00:00	18.3	8.8	54	0	-	140	18.4	-	1014.9	-	7
2023-05-20 09:00:00	19.4	9.3	52	0	-	140	24.1	-	1014.3	-	7
2023-05-20 10:00:00	20.6	9.5	49	0	-	129	5.4	-	1013.9	-	8
2023-05-20 11:00:00	23.3	10	43	0	-	150	11.2	-	1013.1	-	8
2023-05-20 12:00:00	23.0	9.7	43	0	-	130	15.0	-	1013.0	-	7
2023-05-20 13:00:00	22.8	9.6	43	0.4	-	170	22.3	-	1012.0	-	8
2023-05-20 14:00:00	22.8	9.6	43	1.6	-	180	18.4	-	1011.3	-	8
2023-05-20 15:00:00	16.0	13.3	84	0.5	-	300	26.0	-	1013.0	-	8
2023-05-20 16:00:00	15.0	13.4	90	0.9	-	310	13.0	-	1013.0	-	9
2023-05-20 17:00:00	15.0	13.4	90	2.9	-	0	0.0	-	1011.6	-	9
2023-05-20 18:00:00	15.0	12.9	87	5.6	-	110	5.4	-	1011.3	-	9
2023-05-20 19:00:00	15.0	13.4	90	1.8	-	287	16.7	-	1012.0	-	9
2023-05-20 20:00:00	12.8	10.7	87	2.9	-	300	15.0	-	1012.0	-	5
2023-05-20 21:00:00	12.8	10.7	87	0.3	-	280	13.0	-	1013.0	-	5
2023-05-20 22:00:00	12.2	9.4	83	0	-	260	13.0	-	1013.1	-	7
2023-05-20 23:00:00	11.1	8.3	83	0	-	250	13.0	-	1013.2	-	7
2023-05-21 00:00:00	11.1	7.8	80	0	-	240	13.0	-	1013.1	-	3
2023-05-21 01:00:00	12.0	7.5	74	0	-	250	17.0	-	1013.0	-	4
2023-05-21 02:00:00	11.7	7.2	74	0	-	230	14.8	-	1012.7	-	4
2023-05-21 03:00:00	12.2	7.9	75	0	-	250	20.5	-	1012.5	-	4
2023-05-21 04:00:00	12.2	7.9	75	0	-	260	14.8	-	1012.4	-	4
2023-05-21 05:00:00	12.0	7.7	75	0	-	260	17.0	-	1013.0	-	7
2023-05-21 06:00:00	11.7	8.4	80	0.2	-	240	16.6	-	1013.2	-	4
2023-05-21 07:00:00	12.0	8.7	80	0	-	260	17.0	-	1014.0	-	4
2023-05-21 08:00:00	13.0	9.6	80	0	-	260	15.0	-	1014.0	-	4
2023-05-21 09:00:00	13.3	9	75	0	-	260	14.8	-	1014.6	-	4
2023-05-21 10:00:00	17.8	9.9	60	0	-	310	18.4	-	1015.1	-	4
2023-05-21 11:00:00	18.9	9.9	56	0	-	330	22.3	-	1015.7	-	3
2023-05-21 12:00:00	20.0	9	49	0	-	350	17.0	-	1016.0	-	7
2023-05-21 13:00:00	21.1	10	49	0	-	340	18.4	-	1015.9	-	3
2023-05-21 14:00:00	21.7	9.6	46	0	-	300	11.2	-	1015.8	-	2
2023-05-21 15:00:00	22.2	9	43	0	-	260	13.0	-	1015.9	-	2
2023-05-21 16:00:00	23.0	7.9	38	0	-	340	11.0	-	1016.0	-	2
2023-05-21 17:00:00	22.2	7.2	38	0	-	310	11.2	-	1016.0	-	2
2023-05-21 18:00:00	21.1	8.4	44	0	-	330	9.4	-	1016.4	-	2
2023-05-21 19:00:00	18.9	8.2	50	0	-	310	16.6	-	1017.0	-	2
2023-05-21 20:00:00	16.7	8.4	58	0	-	0	0.0	-	1017.5	-	2
2023-05-21 21:00:00	14.0	8.6	70	0	-	318	7.4	-	1019.0	-	2
2023-05-21 22:00:00	12.8	8.9	77	0	-	0	0.0	-	1018.7	-	2
2023-05-21 23:00:00	11.7	8.9	83	0	-	0	0.0	-	1018.9	-	2
2023-05-22 00:00:00	12.2	8.9	80	0	-	0	0.0	-	1019.2	-	2
2023-05-22 01:00:00	10.6	8.4	86	0	-	0	0.0	-	1019.7	-	2
2023-05-22 02:00:00	11.0	8.7	86	0	-	230	6.0	-	1020.0	-	2
2023-05-22 03:00:00	10.0	7.8	86	0	-	0	0.0	-	1020.0	-	2
2023-05-22 04:00:00	9.4	7.2	86	0	-	0	0.0	-	1020.4	-	2
2023-05-22 05:00:00	8.9	7.2	89	0	-	0	0.0	-	1020.9	-	5
2023-05-22 06:00:00	11.0	9.3	89	0	-	359	1.8	-	1022.0	-	5
2023-05-22 07:00:00	12.2	8.9	80	0	-	0	0.0	-	1022.2	-	2
2023-05-22 08:00:00	15.0	10	72	0	-	310	7.6	-	1022.8	-	2
2023-05-22 09:00:00	16.1	10	67	0	-	0	0.0	-	1023.0	-	2
2023-05-22 10:00:00	17.8	10.7	63	0	-	338	5.4	-	1023.3	-	2
2023-05-22 11:00:00	19.0	10.3	57	0	-	340	6.0	-	1024.0	-	2
2023-05-22 12:00:00	20.6	9.5	49	0	-	326	5.4	-	1023.2	-	2
2023-05-22 13:00:00	21.7	8.9	44	0	-	330	14.8	-	1022.9	-	2
2023-05-22 14:00:00	21.7	8.2	42	0	-	360	11.2	-	1023.0	-	2
2023-05-22 15:00:00	21.7	6.8	38	0	-	350	13.0	-	1022.7	-	2
2023-05-22 16:00:00	21.1	6.2	38	0	-	330	16.6	-	1022.7	-	2
2023-05-22 17:00:00	20.0	4.5	36	0	-	330	15.0	-	1023.0	-	2
2023-05-22 18:00:00	18.9	2.7	34	0	-	330	18.4	-	1023.0	-	2
2023-05-22 19:00:00	16.7	2.3	38	0	-	340	13.0	-	1023.5	-	2
2023-05-22 20:00:00	15.0	1.1	39	0	-	320	5.4	-	1023.8	-	2
2023-05-22 21:00:00	13.0	1.3	45	0	-	260	7.0	-	1025.0	-	2
2023-05-22 22:00:00	13.3	2.2	47	0	-	220	5.4	-	1024.4	-	2
2023-05-22 23:00:00	11.7	3.2	56	0	-	270	5.4	-	1024.5	-	2

2023-05-23 00:00:00	11.7	4.4	61	0	-	0	0.0	-	1024.5	-	2
2023-05-23 01:00:00	11.0	5.9	71	0	-	237	1.8	-	1025.0	-	2
2023-05-23 02:00:00	10.6	6.2	74	0	-	90	5.4	-	1024.2	-	2
2023-05-23 03:00:00	11.1	5.6	69	0	-	0	0.0	-	1024.3	-	2
2023-05-23 04:00:00	11.1	5.6	69	0	-	0	0.0	-	1024.6	-	2
2023-05-23 05:00:00	9.4	5.6	77	0	-	130	5.4	-	1024.8	-	7
2023-05-23 06:00:00	11.0	7.1	77	0	-	97	3.7	-	1026.0	-	2
2023-05-23 07:00:00	13.3	7.7	69	0	-	0	0.0	-	1025.6	-	2
2023-05-23 08:00:00	15.0	7.3	60	0	-	0	0.0	-	1025.6	-	2
2023-05-23 09:00:00	17.8	7.8	52	0	-	200	5.4	-	1025.3	-	2
2023-05-23 10:00:00	21.1	9.3	47	0	-	300	5.4	-	1024.7	-	2
2023-05-23 11:00:00	23.0	10.8	46	0	-	119	6.0	-	1024.0	-	2
2023-05-23 12:00:00	23.9	10.6	43	0	-	0	0.0	-	1023.2	-	7
2023-05-23 13:00:00	25.6	9.4	36	0	-	250	13.0	-	1022.5	-	2
2023-05-23 14:00:00	26.1	9	34	0	-	260	16.6	-	1022.1	-	2
2023-05-23 15:00:00	26.1	9	34	0	-	292	11.2	-	1021.1	-	2
2023-05-23 16:00:00	26.0	7.6	31	0	-	290	9.3	-	1021.0	-	2
2023-05-23 17:00:00	26.1	8.1	32	0	-	260	9.4	-	1020.1	-	2
2023-05-23 18:00:00	25.0	8.5	35	0	-	310	7.6	-	1019.7	-	2
2023-05-23 19:00:00	21.7	9.9	47	0	-	0	0.0	-	1019.3	-	2
2023-05-23 20:00:00	20.0	10.1	53	0	-	100	6.0	-	1020.0	-	2
2023-05-23 21:00:00	17.8	9.9	60	0	-	90	5.4	-	1019.5	-	2
2023-05-23 22:00:00	18.3	10.6	61	0	-	110	7.6	-	1019.1	-	2
2023-05-23 23:00:00	17.8	10.7	63	0	-	145	5.4	-	1018.7	-	2
2023-05-24 00:00:00	20.0	10.1	53	0	-	210	9.4	-	1018.2	-	2
2023-05-24 01:00:00	21.0	10.5	51	0	-	220	22.0	-	1019.0	-	3
2023-05-24 02:00:00	20.0	10.1	53	0	-	220	18.4	-	1017.5	-	3
2023-05-24 03:00:00	20.0	9.6	51	0	-	220	18.4	-	1017.2	-	3
2023-05-24 04:00:00	19.4	9.3	52	0	-	230	16.6	-	1016.7	-	3
2023-05-24 05:00:00	17.8	9.9	60	0	-	250	11.2	-	1016.4	-	7
2023-05-24 06:00:00	19.0	10.8	59	0	-	220	9.0	-	1017.0	-	4
2023-05-24 07:00:00	19.4	10.7	57	0	-	300	9.4	-	1016.8	-	3
2023-05-24 08:00:00	20.0	11.2	57	0	-	260	16.6	-	1016.6	-	5
2023-05-24 09:00:00	19.4	11.2	59	0	-	260	14.8	-	1016.2	-	3
2023-05-24 10:00:00	19.4	10.1	55	0	-	310	31.7	-	1016.8	-	3
2023-05-24 11:00:00	18.0	8	52	0	-	330	44.0	-	1018.0	-	3
2023-05-24 12:00:00	15.0	7.3	60	0	-	350	27.7	-	1018.6	-	7
2023-05-24 13:00:00	12.2	9.4	83	0	-	350	5.4	-	1019.5	-	7
2023-05-24 14:00:00	12.2	9.4	83	0.2	-	0	0.0	-	1019.5	-	4
2023-05-24 15:00:00	13.0	9.6	80	0.7	-	330	15.0	-	1020.0	-	4
2023-05-24 16:00:00	11.7	8.9	83	0.1	-	330	22.3	-	1020.2	-	3
2023-05-24 17:00:00	11.1	7.8	80	0	-	330	18.4	-	1020.6	-	3
2023-05-24 18:00:00	11.0	6.5	74	0	-	350	17.0	-	1021.0	-	3
2023-05-24 19:00:00	10.6	5.6	71	0	-	320	9.4	-	1021.3	-	3
2023-05-24 20:00:00	10.0	5.6	74	0	-	300	6.0	-	1022.0	-	3
2023-05-24 21:00:00	9.4	5.6	77	0	-	330	7.6	-	1022.1	-	3
2023-05-24 22:00:00	9.4	3.4	66	0	-	350	11.2	-	1022.4	-	3
2023-05-24 23:00:00	8.0	1.8	65	0	-	330	13.0	-	1024.0	-	7
2023-05-25 00:00:00	6.7	1.2	68	0	-	330	13.0	-	1023.5	-	7
2023-05-25 01:00:00	6.0	0.5	68	0	-	340	13.0	-	1024.0	-	2
2023-05-25 02:00:00	5.0	0	70	0	-	340	9.4	-	1023.1	-	2
2023-05-25 03:00:00	4.4	-0.6	70	0	-	330	7.6	-	1023.6	-	2
2023-05-25 04:00:00	3.3	-0.5	76	0	-	310	9.4	-	1023.9	-	2
2023-05-25 05:00:00	3.9	0.1	76	0	-	310	11.2	-	1024.4	-	2
2023-05-25 06:00:00	6.0	0.9	70	0	-	320	7.0	-	1025.0	-	2
2023-05-25 07:00:00	7.2	1.1	65	0	-	320	11.2	-	1025.4	-	2
2023-05-25 08:00:00	8.9	1.8	61	0	-	330	9.4	-	1025.5	-	2
2023-05-25 09:00:00	10.6	2.9	59	0	-	320	11.2	-	1025.4	-	2
2023-05-25 10:00:00	12.0	2.7	53	0	-	290	15.0	-	1025.0	-	2
2023-05-25 11:00:00	13.9	1.8	44	0	-	330	14.8	-	1024.9	-	2
2023-05-25 12:00:00	14.4	2.3	44	0	-	330	18.4	-	1024.6	-	7
2023-05-25 13:00:00	15.0	2.8	44	0	-	330	16.6	-	1024.1	-	2
2023-05-25 14:00:00	15.6	3.4	44	0	-	300	14.8	-	1024.0	-	2
2023-05-25 15:00:00	16.0	3.7	44	0	-	320	19.0	-	1024.0	-	2
2023-05-25 16:00:00	16.1	3.2	42	0	-	340	18.4	-	1023.5	-	2
2023-05-25 17:00:00	16.1	2.8	41	0	-	320	18.4	-	1023.4	-	2
2023-05-25 18:00:00	15.0	1.8	41	0	-	330	20.5	-	1023.1	-	2
2023-05-25 19:00:00	13.9	0.5	40	0	-	320	16.6	-	1023.5	-	2
2023-05-25 20:00:00	12.0	1.3	48	0	-	330	13.0	-	1024.0	-	2
2023-05-25 21:00:00	10.0	3.3	63	0	-	330	14.8	-	1025.0	-	2
2023-05-25 22:00:00	8.3	3.3	71	0	-	300	5.4	-	1025.4	-	2
2023-05-25 23:00:00	7.2	3.3	76	0	-	0	0.0	-	1025.4	-	2
2023-05-26 00:00:00	6.0	3.2	82	0	-	255	3.7	-	1026.0	-	7
2023-05-26 01:00:00	6.1	2.7	79	0	-	0	0.0	-	1025.5	-	2
2023-05-26 02:00:00	5.6	2.2	79	0	-	0	0.0	-	1025.4	-	2
2023-05-26 03:00:00	5.0	2.2	82	0	-	0	0.0	-	1025.6	-	1

2023-05-26 04:00:00	5.0	1.7	79	0	-	0	0.0	-	1025.9	-	2
2023-05-26 05:00:00	4.0	1.4	83	0	-	235	1.8	-	1026.0	-	2
2023-05-26 06:00:00	6.1	2.7	79	0	-	0	0.0	-	1027.1	-	2
2023-05-26 07:00:00	10.0	3.9	66	0	-	240	5.4	-	1027.5	-	2
2023-05-26 08:00:00	13.3	3.4	51	0	-	270	9.4	-	1027.9	-	2
2023-05-26 09:00:00	15.6	4.3	47	0	-	260	5.4	-	1027.8	-	2
2023-05-26 10:00:00	18.0	4.5	41	0	-	280	9.0	-	1028.0	-	2
2023-05-26 11:00:00	18.9	2.3	33	0	-	350	16.6	-	1027.2	-	2
2023-05-26 12:00:00	20.6	2.9	31	0	-	350	16.6	-	1026.7	-	7
2023-05-26 13:00:00	20.6	0.9	27	0	-	280	16.6	-	1026.3	-	2
2023-05-26 14:00:00	21.1	1.4	27	0	-	320	9.4	-	1025.9	-	2
2023-05-26 15:00:00	21.0	1.3	27	0	-	280	15.0	-	1026.0	-	2
2023-05-26 16:00:00	20.6	-0.1	25	0	-	320	16.6	-	1025.5	-	2
2023-05-26 17:00:00	20.6	0.4	26	0	-	320	9.4	-	1025.5	-	2
2023-05-26 18:00:00	19.4	1.8	31	0	-	350	14.8	-	1025.3	-	2
2023-05-26 19:00:00	17.8	1.3	33	0	-	330	11.2	-	1025.1	-	2
2023-05-26 20:00:00	15.0	1.8	41	0	-	360	6.0	-	1026.0	-	2
2023-05-26 21:00:00	12.2	3.4	55	0	-	0	0.0	-	1025.9	-	2
2023-05-26 22:00:00	11.7	2.7	54	0	-	0	0.0	-	1026.5	-	2
2023-05-26 23:00:00	10.6	2.9	59	0	-	0	0.0	-	1026.4	-	2

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/17/2023	General Weather Conditions
System Start Time	6:45	40's, partly cloudy
System Stop Time	16:00	
Total Hours Monitored	9:15	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:30
System Calibrations	YES	Loading bay excavation and installation
(Time/Status)	6:45:00 AM	Staging of excavated materials

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Josh Prygon
Date: 5/17/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/18/2023	General Weather Conditions
System Start Time	6:45	50's-80, overcast
System Stop Time	15:30	
Total Hours Monitored	8:45	General Description of Site Activities:
		Arrival: 6:30, Departure: 16:30
System Calibrations	YES	Loading bay excavation and installation
(Time/Status)	6:45:00 AM	Staging of excavated materials

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Josh Prygon
Date: 5/18/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/24/2023	General Weather Conditions
System Start Time	6:45	60's, overcast
System Stop Time	11:30	
Total Hours Monitored	4:45	General Description of Site Activities:
		Arrival: 6:30, Departure: 12:15
System Calibrations	YES	Loading bay installation
(Time/Status)	7:00:00 AM	Corridor excavation and drain installation
		Staging of excavated materials and loadout

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 5/24/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/25/2023	General Weather Conditions
System Start Time	6:45	40's, clear skies
System Stop Time	15:35	
Total Hours Monitored	8:50	General Description of Site Activities:
System Calibrations	YES	Arrival: 6:30, Departure: 15:40 Corridor excavation and drain installation Staging of excavated materials and loadout
(Time/Status)	6:50:00 AM	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 5/25/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	5/26/2023	General Weather Conditions
System Start Time	6:45	40's-70's, clear skies
System Stop Time	15:35	
Total Hours Monitored	8:50	General Description of Site Activities:
System Calibrations	YES	Arrival: 6:30, Departure: 15:45
(Time/Status)	6:55:00 AM	Corridor excavation and drain installation
		Staging of excavated materials and loadout

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:
no exceedances

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 5/26/2023

Page 1 of __1__

GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: June 13, 2023 (Revised June 21, 2023)

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site)
May 30 through June 6, 2023

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan at the Site (Figure 1). Two air monitoring stations (Upwind and Downwind) were located on the perimeter of intrusive work areas as shown on Figure 2. These locations varied from day to day as they were dependent on the location of the intrusive work being conducted each day.

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There was one measurement of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period. All exceedances are detailed below.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for on-Site construction activities, which included:

- Excavation/grading for drainage and parking lot construction (southeastern site border);
- Excavation around rear loading bay (southern rear of new building);

- Drilling for soil investigation and monitoring well installations (southeastern site border); and
- Loadout of soil stockpile (southern corner).

Figure 2 shows the primary areas where intrusive activities took place during this reporting period.

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at two battery-powered, GEI-owned air monitoring stations. Both stations included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter (dust monitor) to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

Particulate Matter (PM_{10}) levels were measured above the Action Limit of 150 ug/m^3 during this monitoring period at the Downwind station, as follows:

- PM_{10} levels were above the Action Limit at the Downwind station on May 30th for the 15-minute measurement period between 13:15-13:30. Intrusive activities were not occurring at the time, although Site equipment traffic was occurring near the Downwind monitoring station during this time. PM_{10} levels fell to acceptable levels without intervention.

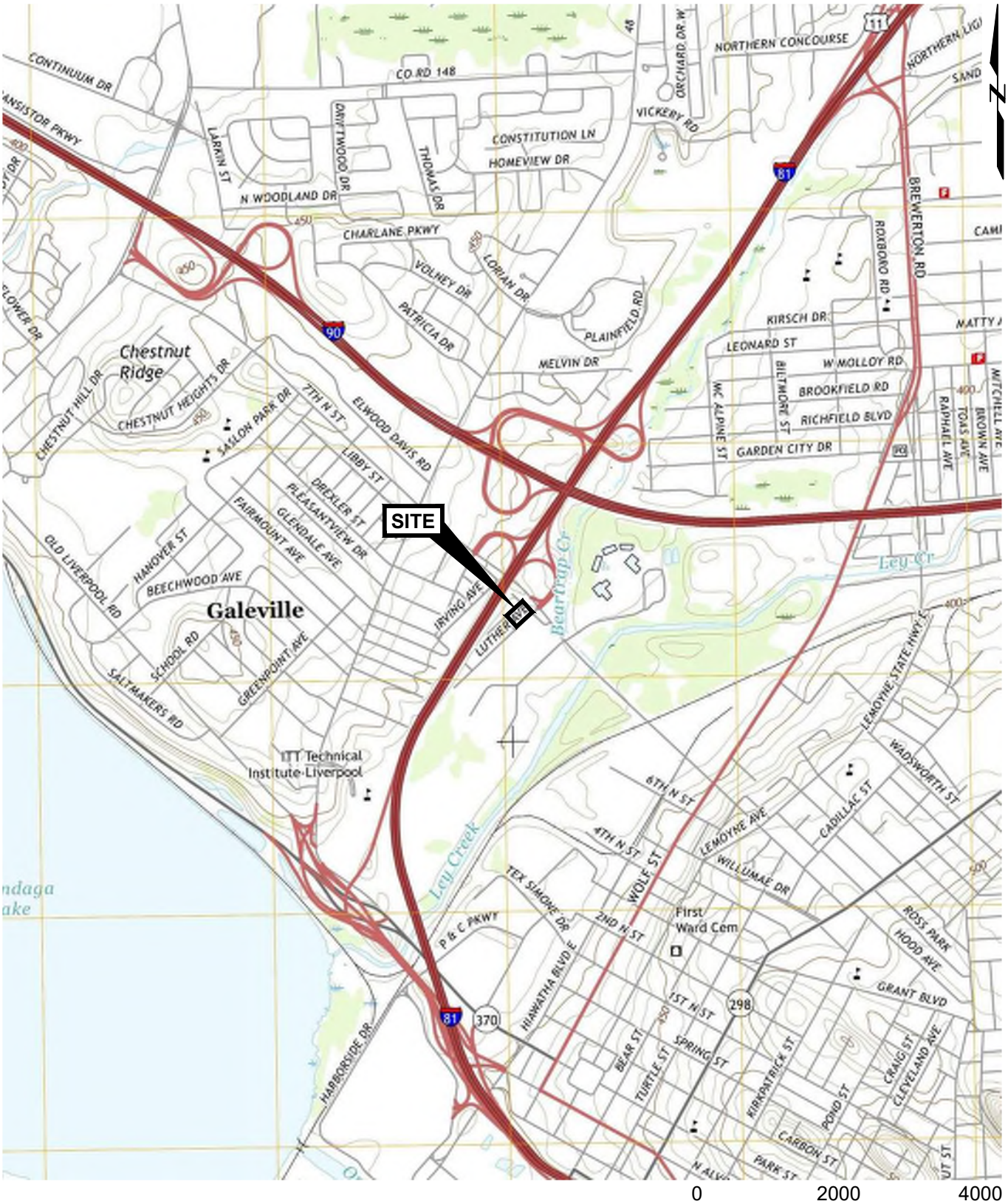
Please note that elevated particulate readings (upwind and downwind) occurred on 6/6/2023, but at no point exceeded the action level based on the difference between the downwind and upwind locations. These readings were concurrent with NYSDEC-issued Air Quality Health Advisories for Central New York due to regional impacts from wildfires in Canada, which are attributed as the source of the elevated particulate levels at the site that day. This is noted on Table 1 and copies of the NYSDEC advisories for 6/5 and 6/6 are included in Appendix 1.

Weather conditions were obtained from the local Syracuse Hancock International Airport (SYR) for May 30 through June 6, 2023 and are presented in Table 2. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

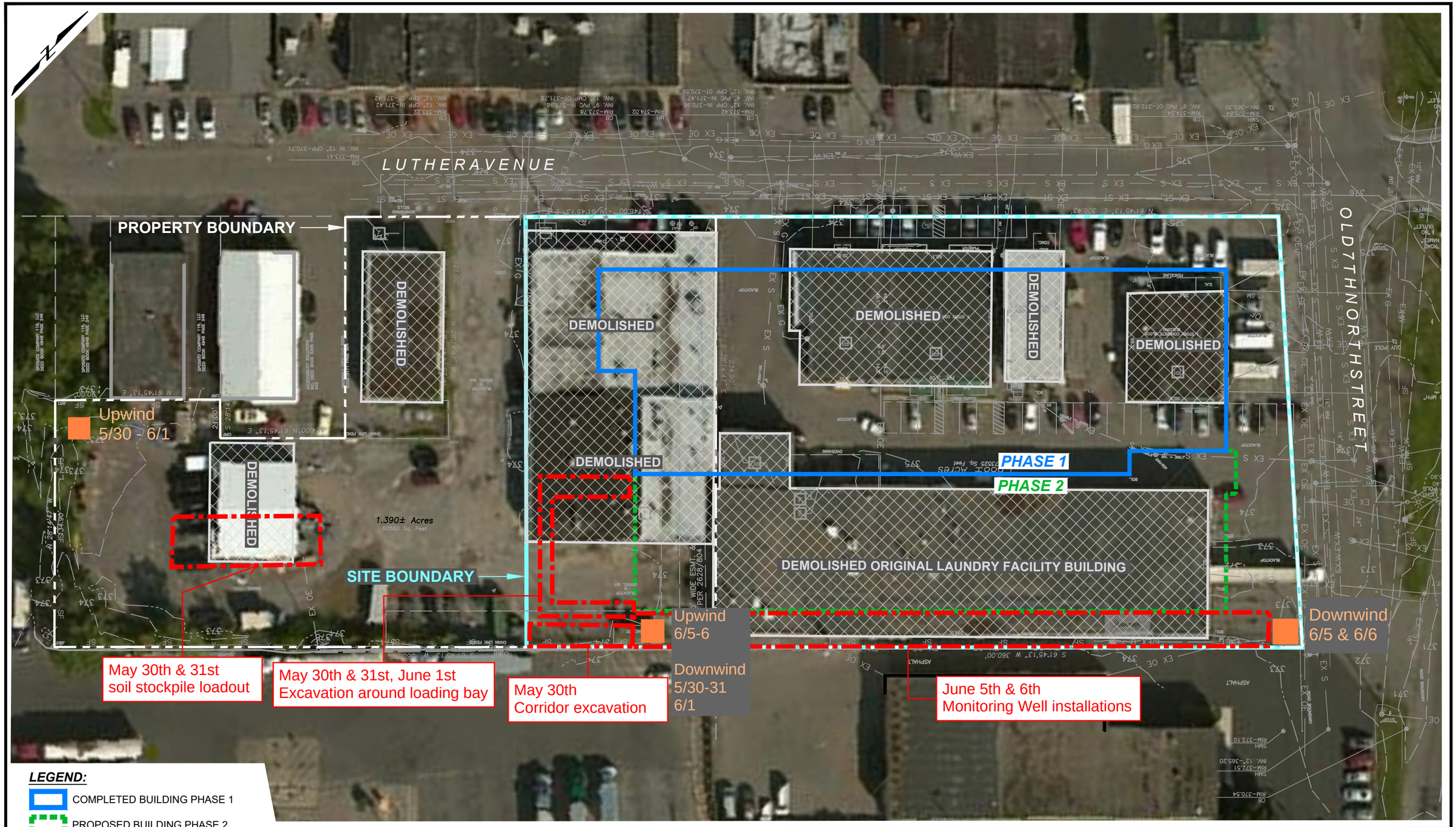
NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	June 2023 / Fig. 1

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LEGEND:

COMPLETED BUILDING PHASE 1

PROPOSED BUILDING PHASE 2

Intrusive work areas

UW DW Air Monitoring Station

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

0 50 100

SCALE: 1" = 50'

Excavation Work Plan
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | June 2023 | Fig. 2

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Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)		PM_{10} (ug/m^3)	
Alert Limit	3.7		100	
Action Limit	5.0		150	
Stop Work Limit	25.0		-	
Date	**Downwind**	**Upwind**	**Downwind**	**Upwind**
Tue 5/30/2023	0.6	0.0	302	16
Wed 5/31/2023	0.4	0.2	45	49
Thu 6/1/2023	0.0	1.0	117	28
Fri 6/2/2023	NM	NM	NM	NM
Sat 6/3/2023	NM	NM	NM	NM
Sun 6/4/2023	NM	NM	NM	NM
Mon 6/5/2023	0.1	2.6	34	27
Tue 6/6/2023	0.0	2.5	126	325

Notes:

ug/m^3 = micrograms per cubic meter

ppmv = parts per million by volume

TVOC = total volatile organic compounds

PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter

NM = Not Measured.

Elevated particulate readings (upwind and downwind) on 6/6/2023 are attributed to wildfire smoke. The NYSDEC issued Air Quality Health Advisories for Central New York on 6/5 and 6/6 due to regional impacts from wildfires in Canada.

Table 2: Meteorological Data from Syracuse
Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature *℃*	Dew Point *℃*	Relative Humidity *%*	Total Precipitation *mm*	Snow Depth	Wind Direction	Wind Speed *km/h*	Peak Gust	Air Pressure *hPa*	Sunshine Duration	Weather Condition Code
5/30/2023 0:00	16.7	10.1	65	0	-	70	5.4	-	1017.4	-	2
5/30/2023 1:00	16.7	10.1	65	0	-	100	9.4	-	1017.8	-	2
5/30/2023 2:00	19.4	9	51	0	-	140	13.0	-	1017.9	-	2
5/30/2023 3:00	17.8	8.4	54	0	-	160	9.4	-	1018.8	-	2
5/30/2023 4:00	18.0	6.8	48	0	-	170	19.0	-	1020.0	-	2
5/30/2023 5:00	17.2	6.7	50	0	-	170	7.6	-	1020.0	-	2
5/30/2023 6:00	17.8	7.8	52	0	-	130	9.4	-	1020.5	-	2
5/30/2023 7:00	19.4	6.8	44	0	-	150	5.4	-	1021.0	-	2
5/30/2023 8:00	21.1	5	35	0	-	109	11.2	-	1021.1	-	2
5/30/2023 9:00	22.0	3.1	29	0	-	116	7.4	-	1021.0	-	2
5/30/2023 10:00	25.0	5.2	28	0	-	127	7.6	-	1020.6	-	2
5/30/2023 11:00	26.7	6.2	27	0	-	340	5.4	-	1020.2	-	2
5/30/2023 12:00	27.2	6	26	0	-	160	7.6	-	1019.5	-	2
5/30/2023 13:00	28.9	7.5	26	0	-	310	11.2	-	1018.9	-	2
5/30/2023 14:00	30.0	8.4	26	0	-	237	9.3	-	1019.0	-	2
5/30/2023 15:00	30.0	10	29	0	-	340	9.4	-	1018.2	-	2
5/30/2023 16:00	30.0	10	29	0	-	40	7.6	-	1017.7	-	2
5/30/2023 17:00	29.4	10	30	0	-	30	7.6	-	1017.5	-	2
5/30/2023 18:00	29.0	10.6	32	0	-	70	6.0	-	1018.0	-	2
5/30/2023 19:00	26.1	11.8	41	0	-	350	5.4	-	1017.6	-	2
5/30/2023 20:00	23.3	12.3	50	0	-	350	7.6	-	1017.8	-	2
5/30/2023 21:00	22.2	11.6	51	0	-	0	0.0	-	1018.2	-	2
5/30/2023 22:00	20.0	12.3	61	0	-	0	0.0	-	1018.8	-	2
5/30/2023 23:00	19.0	12.3	65	0	-	135	3.7	-	1019.0	-	2
5/31/2023 0:00	19.4	10.7	57	0	-	140	7.6	-	1018.9	-	2
5/31/2023 1:00	17.8	9.9	60	0	-	0	0.0	-	1018.8	-	1
5/31/2023 2:00	17.0	9.7	62	0	-	133	5.5	-	1020.0	-	1
5/31/2023 3:00	15.0	9.4	69	0	-	0	0.0	-	1019.5	-	2
5/31/2023 4:00	16.0	9.2	64	0	-	100	9.0	-	1020.0	-	2
5/31/2023 5:00	15.6	7.9	60	0	-	90	9.4	-	1020.5	-	2
5/31/2023 6:00	17.2	9.4	60	0	-	70	7.6	-	1021.0	-	2
5/31/2023 7:00	19.4	10.1	55	0	-	90	9.4	-	1021.3	-	2
5/31/2023 8:00	21.7	9.9	47	0	-	107	5.4	-	1021.4	-	2
5/31/2023 9:00	24.0	9.6	40	0	-	120	5.5	-	1022.0	-	2
5/31/2023 10:00	26.1	10.7	38	0	-	160	9.4	-	1021.2	-	2
5/31/2023 11:00	27.8	10.9	35	0	-	217	5.4	-	1020.9	-	2
5/31/2023 12:00	28.9	11.9	35	0	-	274	7.6	-	1020.4	-	2
5/31/2023 13:00	30.0	12.4	34	0	-	312	7.0	-	1019.8	-	2
5/31/2023 14:00	31.0	11.9	31	0	-	10	9.0	-	1020.0	-	2
5/31/2023 15:00	31.1	9.9	27	0	-	324	9.4	-	1018.5	-	2
5/31/2023 16:00	30.6	7.4	23	0	-	60	13.0	-	1018.2	-	2
5/31/2023 17:00	30.6	9.5	27	0	-	320	14.8	-	1017.9	-	2
5/31/2023 18:00	28.9	14	40	0	-	340	20.5	-	1017.7	-	2
5/31/2023 19:00	27.0	13	42	0	-	10	13.0	-	1019.0	-	2
5/31/2023 20:00	23.3	12.3	50	0	-	10	7.6	-	1018.4	-	2
5/31/2023 21:00	21.7	11.7	53	0	-	0	0.0	-	1018.8	-	2
5/31/2023 22:00	21.4	11.7	54	0	-	79	1.8	-	1018.1	-	2
5/31/2023 23:00	20.0	12.3	61	0	-	80	6.0	-	1020.0	-	2
6/1/2023 0:00	18.9	12.2	65	0	-	0	0.0	-	1019.0	-	2
6/1/2023 1:00	17.8	11.8	68	0	-	120	5.4	-	1019.0	-	2
6/1/2023 2:00	17.2	11.7	70	0	-	120	5.4	-	1018.8	-	2
6/1/2023 3:00	17.2	11	67	0	-	100	5.4	-	1018.8	-	2
6/1/2023 4:00	16.0	11.6	75	0	-	10	9.0	-	1020.0	-	2
6/1/2023 5:00	15.6	11.8	78	0	-	160	5.4	-	1020.0	-	2
6/1/2023 6:00	17.2	12.1	72	0	-	160	5.4	-	1019.9	-	2
6/1/2023 7:00	20.6	13.3	63	0	-	0	0.0	-	1020.2	-	2
6/1/2023 8:00	23.3	13.2	53	0	-	0	0.0	-	1020.2	-	2
6/1/2023 9:00	26.0	13.8	47	0	-	116	1.8	-	1021.0	-	2
6/1/2023 10:00	27.8	13	40	0	-	0	0.0	-	1020.0	-	2
6/1/2023 11:00	30.0	11	31	0	-	0	0.0	-	1019.6	-	2
6/1/2023 12:00	31.1	9.3	26	0	-	327	7.6	-	1019.1	-	2
6/1/2023 13:00	32.0	8.9	24	0	-	150	9.0	-	1019.0	-	2
6/1/2023 14:00	32.2	7.8	22	0	-	0	0.0	-	1017.6	-	2
6/1/2023 15:00	32.2	9.1	24	0	-	160	14.8	-	1016.8	-	2
6/1/2023 16:00	32.8	10.2	25	0	-	0	0.0	-	1016.2	-	2
6/1/2023 17:00	31.1	9.9	27	0	-	360	14.8	-	1016.0	-	2
6/1/2023 18:00	30.0	10	29	0	-	340	15.0	-	1017.0	-	2
6/1/2023 19:00	26.7	10.8	37	0	-	360	11.2	-	1016.5	-	2

6/1/2023 20:00	23.9	10.6	43	0	-	0	0.0	-	1016.8	-	2
6/1/2023 21:00	22.0	9.8	46	0	-	312	7.4	-	1018.0	-	2
6/1/2023 22:00	22.0	9.8	46	0	-	301	5.5	-	1018.0	-	2
6/1/2023 23:00	20.0	11.2	57	0	-	100	5.4	-	1017.1	-	2
6/2/2023 0:00	20.0	11.7	59	0	-	110	5.4	-	1016.8	-	2
6/2/2023 1:00	19.4	11.2	59	0	-	0	0.0	-	1016.4	-	2
6/2/2023 2:00	19.0	11.8	63	0	-	210	6.0	-	1017.0	-	2
6/2/2023 3:00	17.2	11.7	70	0	-	120	5.4	-	1016.0	-	2
6/2/2023 4:00	18.0	11.3	65	0	-	311	0.0	-	1016.0	-	2
6/2/2023 5:00	17.2	11	67	0	-	0	0.0	-	1015.5	-	2
6/2/2023 6:00	19.4	12.2	63	0	-	0	0.0	-	1015.7	-	4
6/2/2023 7:00	21.7	11.7	53	0	-	220	7.6	-	1015.7	-	2
6/2/2023 8:00	24.0	11.3	45	0	-	260	9.0	-	1017.0	-	2
6/2/2023 9:00	27.2	12.8	41	0	-	286	7.6	-	1015.5	-	3
6/2/2023 10:00	28.9	14	40	0	-	290	7.6	-	1015.4	-	3
6/2/2023 11:00	30.0	14.5	39	0	-	310	11.2	-	1014.8	-	3
6/2/2023 12:00	30.6	15.1	39	0	-	320	11.2	-	1014.5	-	3
6/2/2023 13:00	30.0	16.1	43	0	-	310	19.0	-	1015.0	-	2
6/2/2023 14:00	31.1	14.3	36	0.2	-	290	18.4	-	1013.3	-	2
6/2/2023 15:00	31.7	15.6	38	0	-	300	18.4	-	1012.4	-	3
6/2/2023 16:00	32.2	13.9	33	0.1	-	320	22.3	-	1011.9	-	3
6/2/2023 17:00	31.1	13.8	35	0	-	340	22.3	-	1012.0	-	3
6/2/2023 18:00	29.0	14	40	0	-	320	17.0	-	1013.0	-	3
6/2/2023 19:00	26.7	14.5	47	0	-	320	14.8	-	1012.3	-	3
6/2/2023 20:00	23.9	14	54	0	-	320	13.0	-	1012.7	-	3
6/2/2023 21:00	22.8	13.8	57	0	-	0	0.0	-	1013.3	-	3
6/2/2023 22:00	22.0	13.6	59	0	-	320	5.5	-	1014.0	-	3
6/2/2023 23:00	21.1	14	64	0	-	270	9.4	-	1014.0	-	3
6/3/2023 0:00	21.1	14	64	0	-	220	5.4	-	1012.8	-	3
6/3/2023 1:00	20.0	14.4	70	0	-	0	0.0	-	1012.8	-	3
6/3/2023 2:00	18.3	14.4	78	0	-	0	0.0	-	1012.5	-	3
6/3/2023 3:00	18.0	14.7	81	0	-	5	3.7	-	1013.0	-	3
6/3/2023 4:00	16.7	14	84	0	-	0	0.0	-	1013.1	-	3
6/3/2023 5:00	16.7	14	84	0	-	0	0.0	-	1013.7	-	5
6/3/2023 6:00	18.3	15	81	0	-	320	5.4	-	1014.5	-	2
6/3/2023 7:00	19.4	15.1	76	0	-	330	13.0	-	1014.8	-	3
6/3/2023 8:00	22.0	15.4	66	0	-	340	11.0	-	1016.0	-	3
6/3/2023 9:00	22.8	14.9	61	0	-	40	14.8	-	1015.5	-	3
6/3/2023 10:00	23.9	13.4	52	0	-	50	14.8	-	1016.1	-	3
6/3/2023 11:00	24.4	11	43	0	-	60	16.6	-	1016.4	-	3
6/3/2023 12:00	25.0	10.5	40	0	-	19	9.0	-	1017.0	-	2
6/3/2023 13:00	26.0	9.8	36	0	-	10	13.0	-	1017.0	-	2
6/3/2023 14:00	26.1	9	34	0	-	40	13.0	-	1015.8	-	2
6/3/2023 15:00	26.1	9.9	36	0	-	30	22.3	-	1015.7	-	2
6/3/2023 16:00	25.6	7.2	31	0	-	360	27.7	-	1015.9	-	2
6/3/2023 17:00	25.0	5.7	29	0	-	30	24.1	-	1016.2	-	2
6/3/2023 18:00	23.0	6.3	34	0	-	20	19.0	-	1017.0	-	2
6/3/2023 19:00	21.1	4.6	34	0	-	40	18.4	-	1017.6	-	2
6/3/2023 20:00	18.9	4.3	38	0	-	40	14.8	-	1018.3	-	2
6/3/2023 21:00	17.2	5.2	45	0	-	20	13.0	-	1019.3	-	2
6/3/2023 22:00	16.0	5	48	0	-	50	13.0	-	1020.0	-	2
6/3/2023 23:00	15.6	2.7	42	0	-	60	11.2	-	1020.2	-	2
6/4/2023 0:00	13.9	2.8	47	0	-	80	5.4	-	1019.9	-	2
6/4/2023 1:00	11.7	3.2	56	0	-	340	5.4	-	1019.6	-	2
6/4/2023 2:00	10.0	3.9	66	0	-	0	0.0	-	1019.4	-	2
6/4/2023 3:00	9.0	4	71	0	-	43	3.7	-	1020.0	-	2
6/4/2023 4:00	8.9	3.3	68	0	-	0	0.0	-	1019.4	-	2
6/4/2023 5:00	8.3	1.2	61	0	-	320	5.4	-	1019.5	-	2
6/4/2023 6:00	10.0	2.1	58	0	-	290	5.4	-	1019.7	-	2
6/4/2023 7:00	13.3	2.2	47	0	-	350	11.2	-	1019.9	-	2
6/4/2023 8:00	16.0	-1.6	30	0	-	360	22.0	-	1020.0	-	2
6/4/2023 9:00	17.2	0.8	33	0	-	350	16.6	-	1019.5	-	2
6/4/2023 10:00	18.3	0.4	30	0	-	340	18.4	-	1019.1	-	2
6/4/2023 11:00	19.4	-3.8	21	0	-	360	14.8	-	1018.5	-	2
6/4/2023 12:00	20.6	-0.7	24	0	-	350	28.0	-	1018.0	-	2
6/4/2023 13:00	21.0	1.3	27	0	-	320	24.0	-	1018.0	-	2
6/4/2023 14:00	21.1	1.9	28	0	-	330	27.7	-	1016.9	-	2
6/4/2023 15:00	21.7	2.4	28	0	-	320	18.4	-	1016.4	-	2
6/4/2023 16:00	21.7	3.4	30	0	-	330	22.3	-	1015.9	-	2
6/4/2023 17:00	22.0	5.4	34	0	-	330	19.0	-	1016.0	-	2
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6/4/2023 19:00	19.4	6.2	42	0	-	360	13.0	-	1016.3	-	2
6/4/2023 20:00	16.7	6.2	50	0	-	310	13.0	-	1016.7	-	2
6/4/2023 21:00	14.4	6	57	0	-	340	11.2	-	1017.2	-	2
6/4/2023 22:00	14.0	6.8	62	0	-	330	6.0	-	1017.0	-	2
6/4/2023 23:00	12.8	6.6	66	0	-	310	7.6	-	1016.5	-	2

6/5/2023 0:00	11.1	6	71	0	-	260	7.6	-	1016.3	-	2
6/5/2023 1:00	10.6	6.2	74	0	-	260	11.2	-	1015.9	-	2
6/5/2023 2:00	10.6	6.2	74	0	-	250	7.6	-	1015.8	-	2
6/5/2023 3:00	11.0	6.5	74	0	-	319	1.8	-	1016.0	-	2
6/5/2023 4:00	10.6	6.7	77	0	-	280	7.6	-	1015.9	-	2
6/5/2023 5:00	10.6	7.3	80	0	-	210	5.4	-	1016.1	-	2
6/5/2023 6:00	12.8	8.3	74	0	-	0	0.0	-	1016.1	-	3
6/5/2023 7:00	15.0	8.2	64	0	-	0	0.0	-	1016.0	-	3
6/5/2023 8:00	16.0	8.2	60	0	-	270	7.0	-	1017.0	-	3
6/5/2023 9:00	18.3	7.7	50	0	-	310	9.4	-	1015.6	-	3
6/5/2023 10:00	19.4	7.8	47	0	-	310	14.8	-	1015.3	-	3
6/5/2023 11:00	21.7	7.9	41	0	-	280	18.4	-	1014.8	-	4
6/5/2023 12:00	22.2	5.6	34	0	-	300	22.3	-	1014.0	-	3
6/5/2023 13:00	22.0	3.6	30	0	-	310	19.0	-	1013.0	-	4
6/5/2023 14:00	22.8	2.8	27	0	-	300	16.6	-	1012.4	-	4
6/5/2023 15:00	22.2	1.8	26	0	-	320	31.7	-	1012.1	-	5
6/5/2023 16:00	22.2	2.3	27	0	-	300	22.3	-	1011.9	-	5
6/5/2023 17:00	21.0	2.3	29	0	-	310	17.0	-	1012.0	-	5
6/5/2023 18:00	19.4	0.9	29	0	-	310	14.8	-	1011.6	-	5
6/5/2023 19:00	18.9	2.3	33	0	-	280	14.8	-	1011.5	-	5
6/5/2023 20:00	17.2	2.8	38	0	-	260	9.4	-	1011.3	-	5
6/5/2023 21:00	16.0	4.7	47	0	-	290	11.1	-	1012.0	-	3
6/5/2023 22:00	14.0	5.1	55	0	-	80	6.0	-	1012.0	-	3
6/5/2023 23:00	13.9	4.5	53	0.1	-	0	0.0	-	1010.5	-	5
6/6/2023 0:00	14.4	4.9	53	0	-	0	0.0	-	1009.8	-	5
6/6/2023 1:00	14.4	6	57	0	-	240	14.8	-	1009.1	-	5
6/6/2023 2:00	15.6	6.1	53	0	-	260	11.2	-	1008.8	-	5
6/6/2023 3:00	16.0	6.1	52	0	-	260	17.0	-	1009.0	-	3
6/6/2023 4:00	13.9	5.5	57	0	-	260	13.0	-	1008.1	-	3
6/6/2023 5:00	13.3	5.7	60	0	-	250	13.0	-	1008.1	-	3
6/6/2023 6:00	15.0	6.8	58	0	-	250	16.6	-	1007.9	-	5
6/6/2023 7:00	15.6	7.9	60	0	-	270	14.8	-	1007.9	-	5
6/6/2023 8:00	16.0	8.7	62	0	-	260	19.0	-	1008.0	-	5
6/6/2023 9:00	17.2	9.4	60	0	-	280	13.0	-	1007.3	-	5
6/6/2023 10:00	17.2	9.4	60	0.1	-	300	18.4	-	1007.2	-	5
6/6/2023 11:00	17.0	9.2	60	0	-	280	19.0	-	1007.0	-	5
6/6/2023 12:00	16.7	8.9	60	0	-	310	14.8	-	1007.0	-	2
6/6/2023 13:00	17.2	8.3	56	0	-	300	18.4	-	1006.1	-	2
6/6/2023 14:00	18.3	7.7	50	0	-	300	18.4	-	1005.8	-	2
6/6/2023 15:00	19.4	9	51	0	-	290	13.0	-	1005.4	-	2
6/6/2023 16:00	20.0	8.3	47	0	-	280	22.0	-	1005.0	-	2
6/6/2023 17:00	20.0	8.3	47	0	-	310	19.0	-	1005.0	-	2
6/6/2023 18:00	19.4	8.4	49	0	-	300	18.4	-	1005.3	-	2
6/6/2023 19:00	17.0	5.3	46	0	-	360	22.0	-	1006.0	-	2
6/6/2023 20:00	15.6	4.9	49	0	-	0	0.0	-	1006.1	-	2
6/6/2023 21:00	14.0	5.1	55	0	-	320	9.0	-	1007.0	-	2
6/6/2023 22:00	13.0	5.4	60	0	-	320	9.0	-	1007.0	-	2
6/6/2023 23:00	13.9	5.5	57	0	-	300	5.4	-	1006.1	-	2

NEW YORK STATE | Department of Environmental Conservation

For Release: Monday, June 5, 2023

Air Quality Health Advisory Issued for Adirondacks, Eastern Lake Ontario, Central New York and Western New York

In Effect for Monday, June 5, 2023

New York State Department of Environmental Conservation (DEC) Commissioner Basil Seggos and State Department of Health (DOH) Commissioner Dr. James McDonald issued an Air Quality Health Advisory for the **Adirondacks, Eastern Lake Ontario, Central New York, and Western New York regions for Monday, June 5, 2023.**

The pollutant of concern is: **Fine Particulate Matter**

The advisory will be in effect from **10 a.m. through 11:59 p.m.**

DEC and DOH issue Air Quality Health Advisories when DEC meteorologists predict levels of pollution, either ozone or fine particulate matter are expected to exceed an Air Quality Index (AQI) value of 100. The AQI was created as an easy way to correlate levels of different pollutants to one scale, with a higher AQI value indicating a greater health concern.

Fine Particulate Matter

Fine particulate matter consists of tiny solid particles or liquid droplets in the air that are 2.5 microns or less in diameter. PM 2.5 can be made of many different types of particles and often come from processes that involve combustion (e.g. vehicle exhaust, power plants, and fires) and from chemical reactions in the atmosphere.

Exposure can cause short-term health effects such as irritation to the eyes, nose, and throat, coughing, sneezing, runny nose, and shortness of breath. Exposure to elevated levels of fine particulate matter can also worsen medical conditions such as asthma and heart disease. People with heart or breathing problems, and children and the elderly may be particularly sensitive to PM 2.5.

When outdoor levels are elevated, going indoors may reduce exposure. If there are significant indoor sources of PM 2.5 (tobacco, candle or incense smoke, or fumes from cooking) levels inside may not be lower than outside. Some ways to reduce exposure are to minimize outdoor and indoor sources and avoid strenuous activities in areas where fine particle concentrations are high.

New Yorkers also are urged to take the following energy saving and pollution-reducing steps:

1. use mass transit instead of driving, as automobile emissions account for about 60 percent of pollution in our cities. During the current COVID-19 pandemic, people are strongly advised to carpool only with members of their households;
2. conserve fuel and reduce exhaust emissions by combining necessary motor vehicle trips;
3. turn off all lights and electrical appliances in unoccupied areas;
4. use fans to circulate air. If air conditioning is necessary, set thermostats at 78 degrees;
5. close the blinds and shades to limit heat build-up and to preserve cooled air;

6. limit use of household appliances. If necessary, run the appliances at off-peak (after 7 p.m.) hours. These would include dishwashers, dryers, pool pumps and water heaters;
7. set refrigerators and freezers at more efficient temperatures;
8. purchase and install energy efficient lighting and appliances with the Energy Star label; and
9. reduce or eliminate outdoor burning and attempt to minimize indoor sources of PM 2.5 such as smoking.

Additional information on ozone and PM 2.5 is available on DEC's website and on DOH's website (leaves DEC website). To stay up-to-date with announcements from DEC, sign up to receive Air Quality Alerts through DEC Delivers: DEC's Premier Email Service.

The **Monday, June 5,** Air Quality Health Advisory regions consist of the following: **Adirondacks** which includes Clinton, Essex, Franklin, Hamilton, northern Herkimer, Lewis, St. Lawrence, and Warren counties; **Eastern Lake Ontario** which includes northern Cayuga, Jefferson, Monroe, Oswego, and Wayne counties; **Central New York** which includes Allegany, Broome, southern Cayuga, Chemung, Chenango, Cortland, Delaware, southern Herkimer, Livingston, Madison, Onondaga, Oneida, Ontario, Otsego, Tioga, Tompkins, Schuyler, Seneca, Steuben, and Yates counties; and **Western New York,** which includes Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, and Wyoming counties.

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Français
اردو

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Today's Air Quality Index (AQI) Forecast for New York State

New York State Air Quality Hotline: (800) 535-1345

If you would like to be notified when daily air quality reaches a level of your choice, you can sign up for Enviroflash at enviroflash.info.

Yesterday's Observed :: Today's Forecast :: Extended Forecast :: AQI Information
Complete set of forecast values

For Tuesday, June 6, 2023 (Updated 06/06/2023 @ 9:50AM)

Air Quality Health Advisories in Effect For Long Island, NYC Metro, Lower Hudson Valley, Upper Hudson Valley, Adirondacks, Eastern Lake Ontario, and Central Regions.

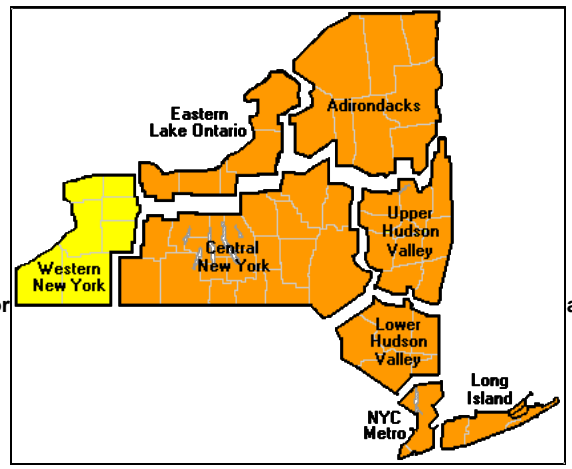
Region	Maximum AQI	Air Quality
Long Island	**122** (Fine Particles)	Unhealthy for Sensitive Groups
NYC Metro	**138** (Fine Particles)	Unhealthy for Sensitive Groups
Lower Hudson Valley	**119** (Fine Particles)	Unhealthy for Sensitive Groups
Upper Hudson Valley	**111** (Fine Particles)	Unhealthy for Sensitive Groups
Adirondacks	**128** (Fine Particles)	Unhealthy for Sensitive Groups
Eastern Lake Ontario	**101** (Fine Particles)	Unhealthy for Sensitive Groups
Central	**113** (Fine Particles)	Unhealthy for Sensitive Groups
Western	**93** (Fine Particles)	Moderate

AQI Legend

Data Not Available

Good (0-50)
Moderate (51-100)
Unhealthy for Sensitive Groups (101-150)
Unhealthy (151-200)
Very Unhealthy (201-300)
Hazardous (301-500)

More Information

- 

The ozone for asts of fine particles are made year round.

GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: July 24, 2023

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site)
July 17 and18, 2023

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan at the Site (Figure 1). Two air monitoring stations (Upwind [UW] and Downwind [DW]) were located on the perimeter of intrusive work areas as shown on Figure 2.

Exceedances

There were no construction-related measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were no measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period.

One elevated TVOC reading was recorded on Tuesday, July 17, 2023 while calibrating the UW station at the start of day. TVOC levels fell to normal levels immediately following standard calibration. On Tuesday, July 18, 2023, the MetOne® ES-642 optical sensing aerosol meters (dust monitors) stopped communicating via the satellite modem, resulting in a loss of dust data for the duration of the work on that date.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for the following activities:

- Excavation and removal of two underground storage tanks (UST) (northeastern property corner) on Monday, July 17, 2023; and
- Backfill UST excavation area with imported clean stone (northeastern property corner) on Tuesday, July 18, 2023.

Figure 2 shows the primary areas where intrusive activities took place during this reporting period.

Air Monitoring Activities and Summary

Real-time monitoring for TVOC and PM_{10} was performed at two battery-powered, GEI-owned air monitoring stations. Both stations included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter (dust monitor) to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

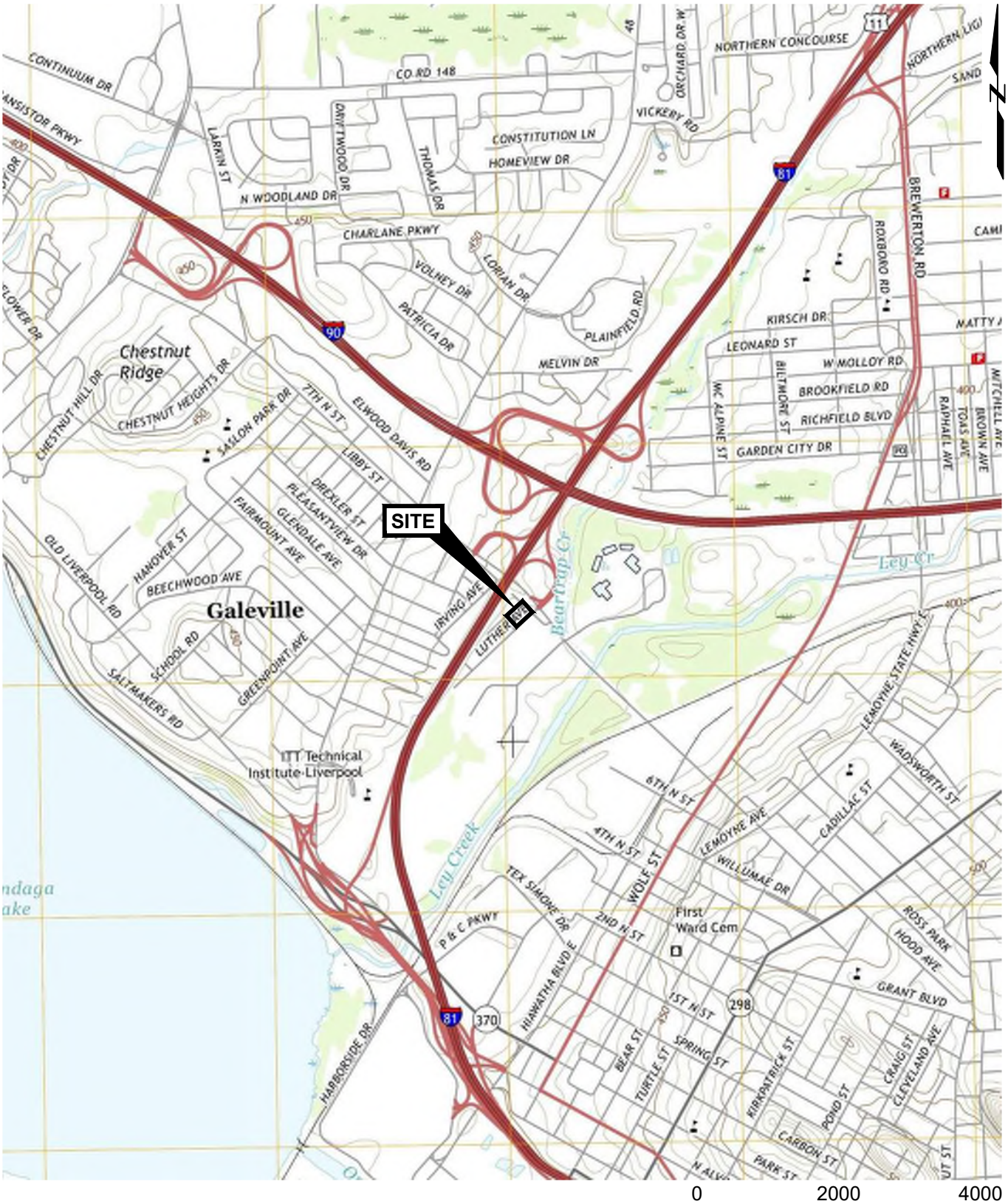
Please note that elevated particulate readings (both upwind and downwind) occurred but at no point exceeded the alert level. These readings were concurrent with NYSDEC-issued Air Quality Health Advisories for Central New York due to regional impacts from wildfires in Canada. This is noted on Table 1 and copies of the NYSDEC advisories for July 17 and 18, 2023 are included in Appendix 1.

Weather conditions were obtained from the local Syracuse Hancock International Airport (SYR) for July 17 and 18, 2023 and are presented in Table 2. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

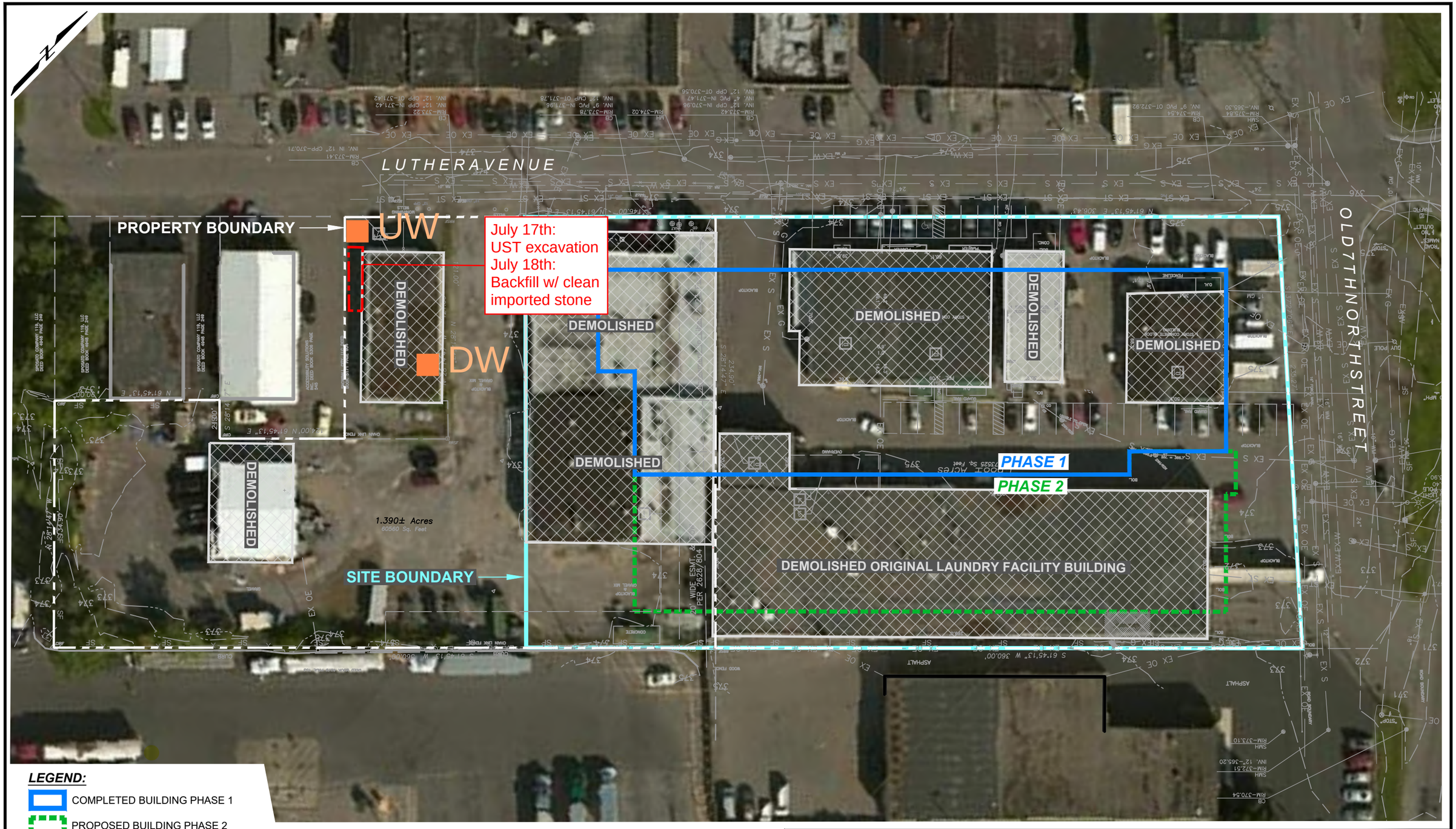
NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP	
Unifirst Liverpool Liverpool, New York	Project 2001642	July 2023	Fig. 1

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LEGEND:

- COMPLETED BUILDING PHASE 1
- PROPOSED BUILDING PHASE 2
- Intrusive work areas
- UW / DW — Air Monitoring Station (UW = upwind, DW= downwind)

0 50 100

SCALE: 1" = 50'

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE PLAN
Unifirst Liverpool Liverpool, New York	Project 2001642	July 2023 — Fig. 2

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Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)		PM_{10} (ug/m^3)	
Alert Limit	3.7		100	
Action Limit	5.0		150	
Stop Work Limit	25.0		-	
Date	**Downwind**	**Upwind**	**Downwind**	**Upwind**
Mon 7/17/2023	0.8	7.2	70	83
Tue 7/18/2023	0.8	0.8	NR	NR

Notes:

ug/m^3 = micrograms per cubic meter

ppmv = parts per million by volume

TVOC = total volatile organic compounds

PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter

NR = Not Recorded (data logging function on dust monitors malfunctioned, resulting in no data being recorded on that date)

The NYSDEC issued Air Quality Health Advisories for Central New York on 7/17 and 7/18 due to regional impacts from wildfires in Canada.

Table 2: Meteorological Data from Syracuse Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature *°C*	Dew Point *°C*	Relative Humidity *%*	Total Precipitation *mm*	Snow Depth	Wind Direction	Wind Speed *km/h*	Peak Gust	Air Pressure *hPa*	Sunshine Duration	Weather Condition Code
2023-07-17 00:00:00	21.0	18.2	84	0	-	110	6.0	-	1011.0	-	2
2023-07-17 01:00:00	20.0	17.8	87	0	-	0	0.0	-	1009.8	-	2
2023-07-17 02:00:00	20.0	17.2	84	0	-	160	9.4	-	1009.7	-	2
2023-07-17 03:00:00	21.1	16.1	73	0	-	200	13.0	-	1010.0	-	5
2023-07-17 04:00:00	21.1	15.6	71	0	-	180	11.2	-	1010.1	-	2
2023-07-17 05:00:00	21.0	15.3	70	0	-	180	9.0	-	1011.0	-	2
2023-07-17 06:00:00	20.6	16	75	0	-	0	0.0	-	1010.7	-	2
2023-07-17 07:00:00	22.2	16.7	71	0	-	110	7.6	-	1011.1	-	2
2023-07-17 08:00:00	24.4	16.6	62	0	-	180	11.2	-	1011.5	-	2
2023-07-17 09:00:00	26.7	17.2	56	0	-	230	16.6	-	1011.5	-	2
2023-07-17 10:00:00	27.0	16.6	53	0	-	220	19.0	-	1013.0	-	2
2023-07-17 11:00:00	28.3	16.6	49	0	-	210	11.2	-	1011.9	-	2
2023-07-17 12:00:00	28.9	16.8	48	0.1	-	230	14.8	-	1011.6	-	2
2023-07-17 13:00:00	28.9	16.8	48	0.1	-	260	18.4	-	1012.0	-	2
2023-07-17 14:00:00	29.0	16.9	48	0	-	250	22.0	-	1013.0	-	3
2023-07-17 15:00:00	30.0	17.1	46	0	-	240	18.4	-	1011.4	-	3
2023-07-17 16:00:00	30.0	17.1	46	0	-	250	14.8	-	1011.1	-	3
2023-07-17 17:00:00	29.4	17.2	48	0	-	240	14.8	-	1010.8	-	3
2023-07-17 18:00:00	29.0	16.2	46	0	-	220	11.0	-	1012.0	-	3
2023-07-17 19:00:00	27.2	16.8	53	0	-	180	11.2	-	1011.0	-	3
2023-07-17 20:00:00	25.0	18.2	66	0	-	80	9.4	-	1011.1	-	3
2023-07-17 21:00:00	24.0	18.4	71	0	-	110	9.0	-	1012.0	-	3
2023-07-17 22:00:00	24.4	18.8	71	0	-	110	7.6	-	1012.0	-	3
2023-07-17 23:00:00	24.4	18.3	69	0	-	0	0.0	-	1011.6	-	3
2023-07-18 00:00:00	26.0	17.6	60	0.1	-	190	19.0	-	1012.0	-	5
2023-07-18 01:00:00	25.0	17.2	62	0	-	190	11.2	-	1011.8	-	3
2023-07-18 02:00:00	22.8	19	79	0	-	180	9.4	-	1012.0	-	3
2023-07-18 03:00:00	21.7	18.3	81	0	-	0	0.0	-	1012.0	-	5
2023-07-18 04:00:00	21.0	18.2	84	0	-	220	7.0	-	1013.0	-	5
2023-07-18 05:00:00	20.0	17.8	87	0	-	0	0.0	-	1012.3	-	4
2023-07-18 06:00:00	21.1	18.3	84	0	-	330	5.4	-	1013.0	-	5
2023-07-18 07:00:00	22.8	19	79	0	-	0	0.0	-	1013.4	-	3
2023-07-18 08:00:00	23.3	18.8	76	0	-	0	0.0	-	1013.6	-	3
2023-07-18 09:00:00	24.0	18	69	0	-	240	6.0	-	1015.0	-	3
2023-07-18 10:00:00	25.0	18.2	66	0	-	220	9.4	-	1013.9	-	3
2023-07-18 11:00:00	26.0	18.2	62	0	-	260	11.0	-	1015.0	-	3
2023-07-18 12:00:00	25.6	17.8	62	0	-	240	9.4	-	1013.7	-	3
2023-07-18 13:00:00	27.2	17.9	57	0.1	-	260	5.4	-	1012.9	-	7
2023-07-18 14:00:00	27.2	17.1	54	0.5	-	260	13.0	-	1012.5	-	7
2023-07-18 15:00:00	27.0	16	51	12.8	-	289	11.0	-	1013.0	-	8
2023-07-18 16:00:00	23.3	19.5	79	0.5	-	260	14.8	-	1012.4	-	8
2023-07-18 17:00:00	24.4	20.1	77	0	-	240	14.8	-	1012.7	-	8
2023-07-18 18:00:00	25.0	19.4	71	1.3	-	220	9.4	-	1013.0	-	8
2023-07-18 19:00:00	24.0	17.5	67	0.6	-	290	11.0	-	1014.0	-	8
2023-07-18 20:00:00	22.8	14.9	61	0	-	280	13.0	-	1013.4	-	7
2023-07-18 21:00:00	20.6	14.9	70	0	-	260	9.4	-	1014.2	-	7
2023-07-18 22:00:00	20.6	14.9	70	0	-	210	7.6	-	1014.6	-	2
2023-07-18 23:00:00	21.0	15.3	70	0.2	-	250	9.0	-	1016.0	-	2

NEW YORK STATE | Department of Environmental Conservation

For Release: Sunday, July 16, 2023

Air Quality Health Advisory Issued for All Regions of New York State

In Effect for Monday, July 17, 2023

New York State Department of Environmental Conservation (DEC) Commissioner Basil Seggos and State Department of Health (DOH) Commissioner Dr. James McDonald issued an Air Quality Health Advisory for the Long Island, New York City Metro, Lower Hudson Valley, Upper Hudson Valley, Adirondacks, Eastern Lake Ontario, Central New York, and Western New York regions for Monday, July 17, 2023.

The pollutants of concern are:

- **Fine Particulate Matter for New York City Metro, Lower Hudson Valley, Upper Hudson Valley, Adirondacks, Eastern Lake Ontario, Central New York, and Western New York**
- **Ozone for Long Island, New York City Metro**

The fine particulate matter advisory will be in effect from **12 a.m. through 11:59 p.m**.

The ozone advisory will be in effect from **11 a.m. until 11 p.m.**

DEC and DOH issue Air Quality Health Advisories when DEC meteorologists predict levels of pollution, either ozone or fine particulate matter are expected to exceed an Air Quality Index (AQI) value of 100. The AQI was created as an easy way to correlate levels of different pollutants to one scale, with a higher AQI value indicating a greater health concern.

Ozone

Summer heat can lead to the formation of ground-level ozone, a major component of photochemical smog. Automobile exhaust and out-of-state emission sources are the primary sources of ground-level ozone and are the most serious air pollution problems in the northeast. This surface pollutant should not be confused with the protective layer of ozone in the upper atmosphere.

Ozone and PM2.5 are two different pollutants that form in different ways: PM2.5 is often produced directly as smoke from wildfires and other sources of small particles emitted into the air.

Ozone is not a direct emission, and is produced indirectly when sunlight chemically reacts with nitrogen oxides (NOx) and volatile organic compounds (VOCs) from automobile exhaust and industrial emissions. High ozone isn't as visible as PM2.5 because it's a colorless gas, but it will produce hazy skies and reduce visibility in high concentrations.

The smoky and hazy sky in an otherwise mostly sunny, stagnant air mass can be very conducive for ozone production. The wildfire smoke can enhance the ozone production, but it's not the primary component.

People, especially young children, those who exercise outdoors, those involved in vigorous outdoor work and those who have respiratory disease (such as asthma) should consider limiting strenuous outdoor physical activity when ozone levels are the highest (generally afternoon to early evening). When outdoor levels of ozone are elevated, going indoors will usually reduce your exposure. Individuals experiencing symptoms such as shortness of breath, chest pain or coughing should consider consulting their doctor.

Ozone levels generally decrease at night and can be minimized during daylight hours by curtailment of automobile travel and the use of public transportation where available.

Fine Particulate Matter

Fine particulate matter consists of tiny solid particles or liquid droplets in the air that are 2.5 microns or less in diameter. PM 2.5 can be made of many different types of particles and often come from processes that involve combustion (e.g. vehicle exhaust, power plants, and fires) and from chemical reactions in the atmosphere.

Exposure can cause short-term health effects such as irritation to the eyes, nose, and throat, coughing, sneezing, runny nose, and shortness of breath. Exposure to elevated levels of fine particulate matter can also worsen medical conditions such as asthma and heart disease. People with heart or breathing problems, and children and the elderly may be particularly sensitive to PM 2.5.

When outdoor levels are elevated, going indoors may reduce exposure. If there are significant indoor sources of PM 2.5 (tobacco, candle or incense smoke, or fumes from cooking) levels inside may not be lower than outside. Some ways to reduce exposure are to minimize outdoor and indoor sources and avoid strenuous activities in areas where fine particle concentrations are high.

New Yorkers also are urged to take the following energy saving and pollution-reducing steps:

- use mass transit instead of driving, as automobile emissions account for about 60 percent of pollution in our cities. People are strongly advised to carpool only with members of their households;
- conserve fuel and reduce exhaust emissions by combining necessary motor vehicle trips;
- turn off all lights and electrical appliances in unoccupied areas;
- use fans to circulate air. If air conditioning is necessary, set thermostats at 78 degrees;
- close the blinds and shades to limit heat build-up and to preserve cooled air;
- limit use of household appliances. If necessary, run the appliances at off-peak (after 7 p.m.) hours. These would include dishwashers, dryers, pool pumps and water heaters;
- set refrigerators and freezers at more efficient temperatures;
- purchase and install energy efficient lighting and appliances with the Energy Star label; and
- reduce or eliminate outdoor burning and attempt to minimize indoor sources of PM 2.5 such as smoking. A toll-free Air Quality Hotline (1-800-535-1345) has been established by DEC to keep New Yorkers informed of the latest Air Quality situation.

Additional information on ozone and PM 2.5 is available on DEC's website and on DOH's website (PM 2.5) / DOH's website (ozone). To stay up-to-date with announcements from DEC, sign up to receive Air Quality Alerts through DEC Delivers: DEC's Premier Email Service.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Today's Air Quality Index (AQI) Forecast for New York State

New York State Air Quality Hotline: (800) 535-1345

If you would like to be notified when daily air quality reaches a level of your choice, you can sign up for Enviroflash at enviroflash.info.

Yesterday's Observed :: **Today's Forecast** :: Extended Forecast :: AQI Information

Complete set of forecast values

For Monday, July 17, 2023 (Updated 07/17/2023 @ 2:52PM)

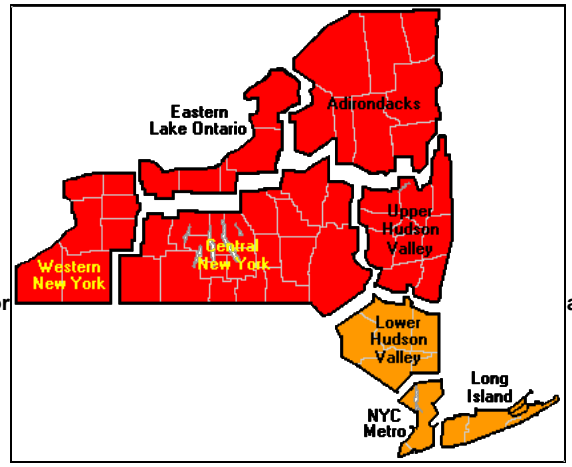
Air Quality Health Advisories in Effect For Long Island, NYC Metro, Lower Hudson Valley, Upper Hudson Valley, Adirondacks, Eastern Lake Ontario, Central, and Western Regions.

Region	Maximum AQI	Air Quality
Long Island	**108** (Ozone)	Unhealthy for Sensitive Groups
NYC Metro	**120** (Fine Particles)	Unhealthy for Sensitive Groups
Lower Hudson Valley	**115** (Fine Particles)	Unhealthy for Sensitive Groups
Upper Hudson Valley	**151** (Fine Particles)	Unhealthy
Adirondacks	**155** (Fine Particles)	Unhealthy
Eastern Lake Ontario	**165** (Fine Particles)	Unhealthy
Central	**160** (Fine Particles)	Unhealthy
Western	**155** (Fine Particles)	Unhealthy

AQI Legend

Data Not Available

Good (0-50)
Moderate (51-100)
Unhealthy for Sensitive Groups (101-150)
Unhealthy (151-200)
Very Unhealthy (201-300)
Hazardous (301-500)
More Information

- 

The ozone forecasts of fine particles are made year round.

NEW YORK STATE | Department of Environmental Conservation

For Release: Monday, July 17, 2023

Air Quality Health Advisory Issued for Adirondacks, Central New York, Eastern Lake Ontario, and Upper Hudson Valley Regions of New York State

In Effect for Tuesday, July 18, 2023

New York State Department of Environmental Conservation (DEC) Commissioner Basil Seggos and State Department of Health (DOH) Commissioner Dr. James McDonald issued an Air Quality Health Advisory for the **Adirondacks, Central New York, Eastern Lake Ontario, and Upper Hudson Valley regions for Tuesday, July 18, 2023.**

The pollutants of concern are:

- **Fine Particulate Matter**

The fine particulate matter advisory will be in effect from **12 a.m. through 11:59 p.m.**

DEC and DOH issue Air Quality Health Advisories when DEC meteorologists predict levels of pollution, either ozone or fine particulate matter, are expected to exceed an Air Quality Index (AQI) value of 100. The AQI was created as an easy way to correlate levels of different pollutants to one scale, with a higher AQI value indicating a greater health concern.

FINE PARTICULATE MATTER

Fine particulate matter consists of tiny solid particles or liquid droplets in the air that are 2.5 microns or less in diameter. PM 2.5 can be made of many different types of particles and often come from processes that involve combustion (e.g. vehicle exhaust, power plants, and fires) and from chemical reactions in the atmosphere.

Exposure can cause short-term health effects such as irritation to the eyes, nose, and throat, coughing, sneezing, runny nose, and shortness of breath. Exposure to elevated levels of fine particulate matter can also worsen medical conditions such as asthma and heart disease. People with heart or breathing problems, and children and the elderly may be particularly sensitive to PM 2.5.

When outdoor levels are elevated, going indoors may reduce exposure. If there are significant indoor sources of PM 2.5 (tobacco, candle or incense smoke, or fumes from cooking) levels inside may not be lower than outside. Some ways to reduce exposure are to minimize outdoor and indoor sources and avoid strenuous activities in areas where fine particle concentrations are high.

New Yorkers also are urged to take the following energy saving and pollution-reducing steps:

- use mass transit instead of driving, as automobile emissions account for about 60 percent of pollution in our cities. During the current COVID-19 pandemic, people are strongly advised to carpool only with members of their households;
- conserve fuel and reduce exhaust emissions by combining necessary motor vehicle trips;
- turn off all lights and electrical appliances in unoccupied areas;
- use fans to circulate air. If air conditioning is necessary, set thermostats at 78 degrees;
- close the blinds and shades to limit heat build-up and to preserve cooled air;
- limit use of household appliances. If necessary, run the appliances at off-peak (after 7 p.m.) hours. These would include dishwashers, dryers, pool pumps and water heaters;
- set refrigerators and freezers at more efficient temperatures;
- purchase and install energy efficient lighting and appliances with the Energy Star label; and
- reduce or eliminate outdoor burning and attempt to minimize indoor sources of PM 2.5 such as smoking. A toll-free Air Quality Hotline (1-800-535-1345) has been established by DEC to keep New Yorkers informed of the latest Air Quality situation.

Additional information on ozone and PM 2.5 is available on DEC's website and on DOH's website (PM 2.5) / DOH's website (ozone) (leaves DEC website). To stay up-to-date with announcements from DEC, sign up to receive Air Quality Alerts through DEC Delivers: DEC's Premier Email Service.

The **Tuesday, July 18, Air Quality Health Advisory** regions consists of:

- **Upper Hudson Valley**, which includes Albany, Columbia, Fulton, Greene, Montgomery, Rensselaer, Saratoga, Schenectady, Schoharie, and Washington counties;
- **Adirondacks**, which includes Clinton, Essex, Franklin, Hamilton, northern Herkimer, Lewis, St. Lawrence, and Warren counties;
- **Eastern Lake Ontario**, which includes northern Cayuga, Jefferson, Monroe, Oswego, and Wayne counties; and
- **Central New York**, which includes Allegany, Broome, southern Cayuga, Chemung, Chenango, Cortland, Delaware, southern Herkimer, Livingston, Madison, Onondaga, Oneida, Ontario, Otsego, Tioga, Tompkins, Schuyler, Seneca, Steuben, and Yates.

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dec.ny.gov

Today's Air Quality Index (AQI) Forecast for New York State

New York State Air Quality Hotline: (800) 535-1345

If you would like to be notified when daily air quality reaches a level of your choice, you can sign up for Enviroflash at enviroflash.info.

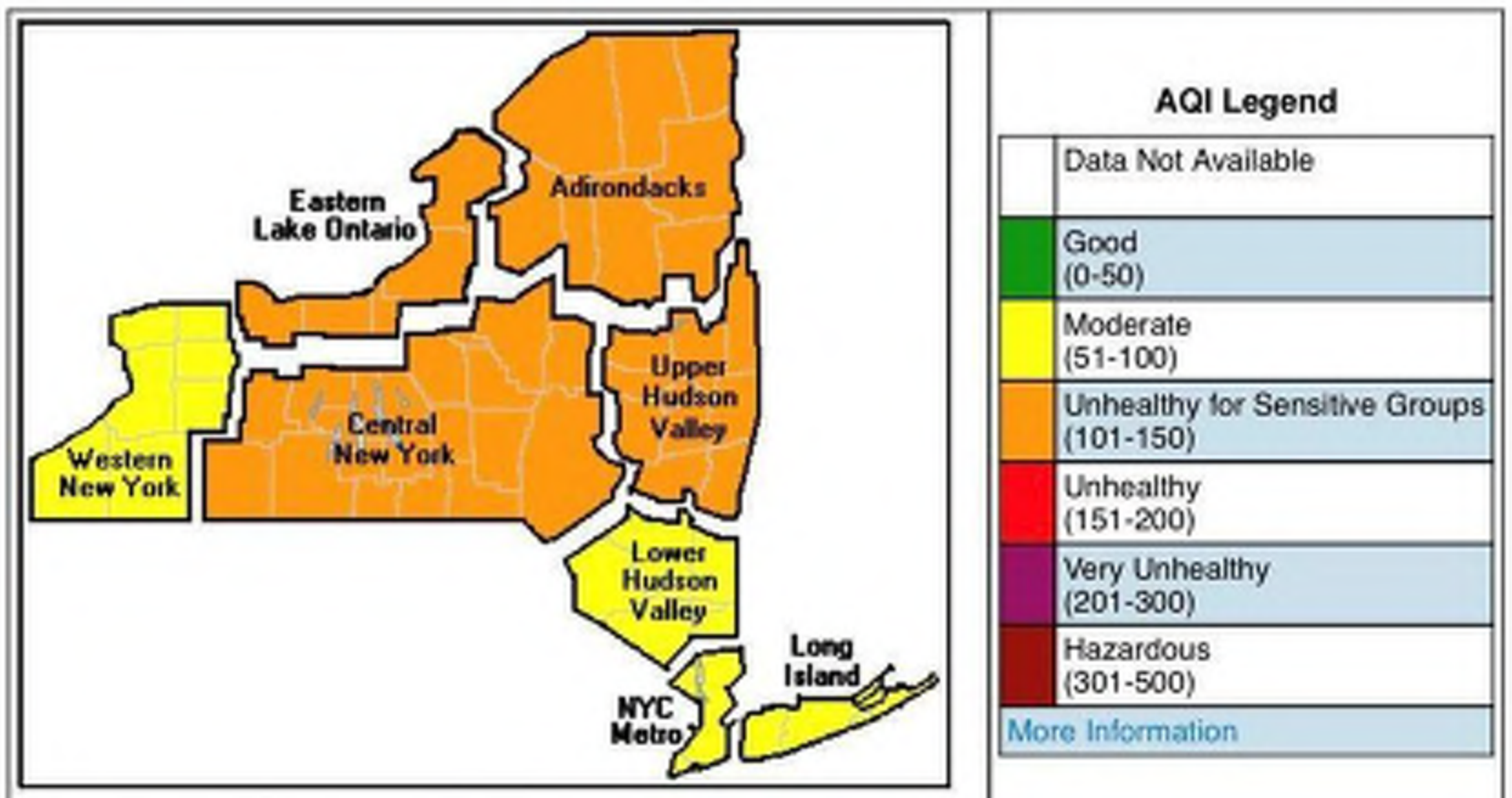
Yesterday's Observed :: Today's Forecast :: Extended Forecast :: AQI Information

Complete set of forecast values

For Tuesday, July 18, 2023 (Updated 07/17/2023 @ 2:52PM)

Air Quality Health Advisories in Effect For Upper Hudson Valley, Adirondacks, Eastern Lake Ontario, and Central Regions.

Region	Maximum AQI	Air Quality
Long Island	**87** (Ozone)	Moderate
NYC Metro	**100** (Fine Particles)	Moderate
Lower Hudson Valley	**100** (Fine Particles)	Moderate
Upper Hudson Valley	**140** (Fine Particles)	Unhealthy for Sensitive Groups
Adirondacks	**135** (Fine Particles)	Unhealthy for Sensitive Groups
Eastern Lake Ontario	**101** (Fine Particles)	Unhealthy for Sensitive Groups
Central	**140** (Fine Particles)	Unhealthy for Sensitive Groups
Western	**100** (Fine Particles)	Moderate



GEI Consultants

1301 Trumansburg Rd
Suite N
Ithaca, NY 14850

Phone: (607) 216-8955

Memorandum

To: Michael Belveg, Project Manager (NYSDEC)
Johnathan Robinson, Project Manager (NYSDOH)

From: Jeffrey Holden, Project Manager (GEI)

Copy to: Catherine Malagrida, UniFirst Corporation
Wendy Moore, Project Engineer, (GEI)
Christopher Gordon, Air Monitoring Practice Leader (GEI)

Date: September 11, 2023

Regarding: Air Monitoring Summary
Phase 2 Construction
UniFirst Corporation
113 7th North Street, Liverpool, NY (the Site)
August 21 through August 25, 2023

Dear Mr. Belveg and Mr. Robinson:

This report includes a summary of data collected during implementation of the Community Air Monitoring Plan at the Site (Figure 1). Two air monitoring stations (Upwind [UW] and Downwind [DW]) were located on the perimeter of intrusive work areas as shown on Figure 2.

Exceedances

There were no measurements of Total Volatile Organic Compounds (TVOC) that exceeded the Action Limit of 5.0 ppm during this reporting period. There were no measurements of particulate matter of 10 microns or less (PM_{10}) [dust] that exceeded the Action Limit of 150 ug/m^3 during this reporting period.

Note that elevated TVOC readings were recorded on Friday, August 25, 2023 while calibrating the UW station at the start of day. TVOC levels fell to normal levels immediately following standard calibration.

Monitored Site Construction Activities

During this reporting period, monitoring was performed for the following activities:

- Loadout and offsite transportation of a temporarily-staged soil pile originating from the previously-completed underground storage tank (UST) removal on Monday, August 21, 2023; and
- Installation of six (6) monitoring wells and one (1) soil boring from Monday, August 21 through Friday, August 25, 2023.

Figure 2 shows the areas where intrusive activities took place during this reporting period.

Air Monitoring Activities and Summary

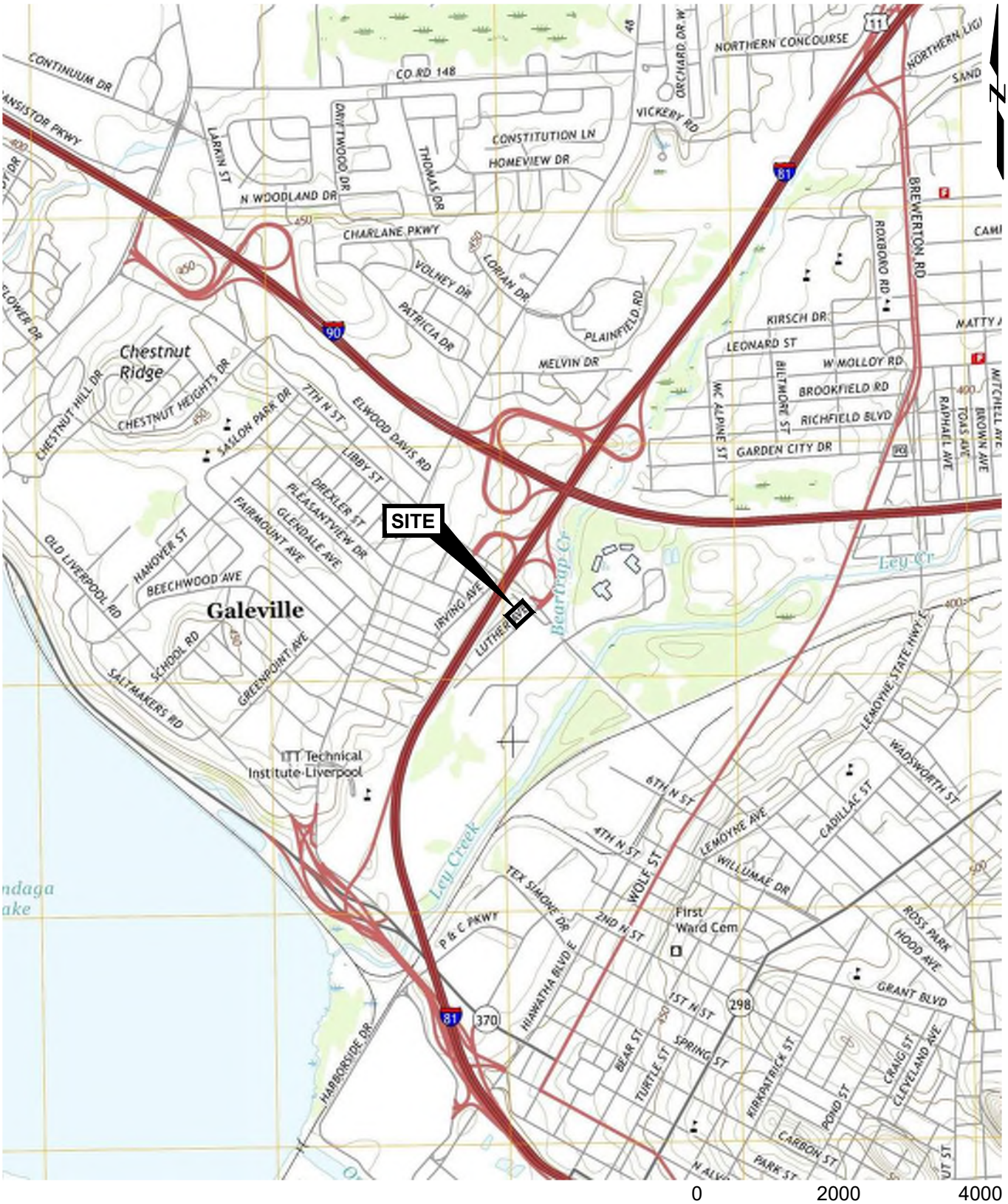
Real-time monitoring for TVOC and PM_{10} was performed at two battery-powered, GEI-owned air monitoring stations. Both stations included a RAE Systems® MiniRAE 3000 photoionization detector (PID) to detect TVOCs and a MetOne® ES-642 optical sensing aerosol meter (dust monitor) to measure PM_{10}. Routine maintenance and calibrations were performed on the PIDs in the stations daily during working hours.

Weather conditions were obtained from the local Syracuse Hancock International Airport (SYR) and are presented in Table 2. SYR is located approximately 3 miles northeast of the site.

If you have any questions regarding the information in this report, please contact me at jholden@geiconsultants.com.

References

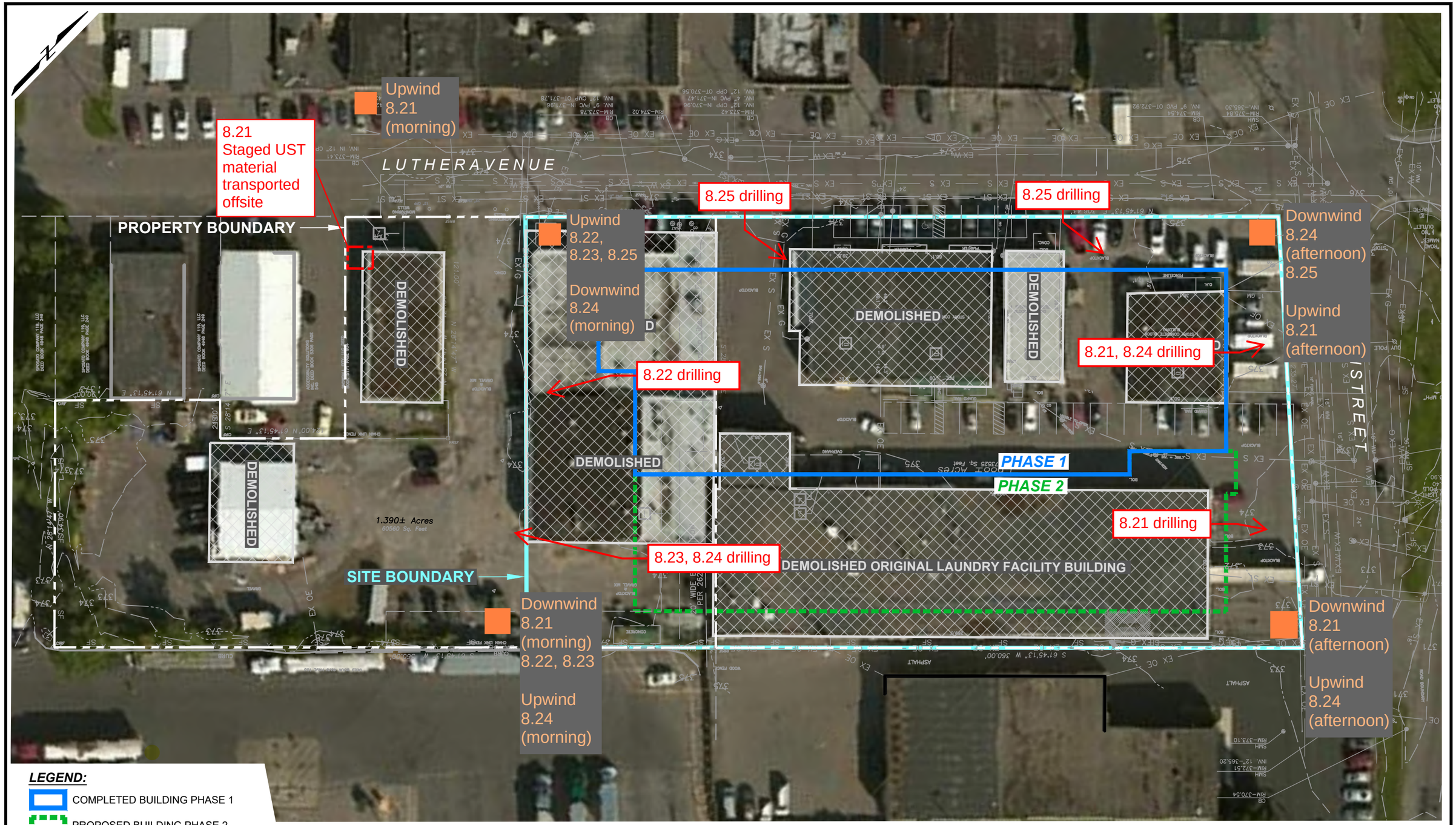
NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. Appendix 1A – Generic Community Air Monitoring Plan. (May 2010)



SOURCE: USGS QUADRANGLE MAP OF SYRACUSE WEST, NY 2019
(www.ngmdb.gov/topoview)

Excavation Work Plan 113 7th North Street Liverpool, New York	GEI Consultants	SITE LOCATION MAP
Unifirst Liverpool Liverpool, New York	Project 2001642	August 2023 / Fig. 1

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\IRMWP 2022\2001642-01 SLM.dwg - 1/19/2022



LEGEND:

COMPLETED BUILDING PHASE 1

PROPOSED BUILDING PHASE 2

Intrusive work areas

UW DW Air Monitoring Station

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

0 50 100

SCALE: 1" = 50'

Excavation Work Plan
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | August 2023 | Fig. 2

\\geiconsulta B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\C-I DR 2022\2001642-02.dwg - 5/6/2022

Table 1. Daily Maximum 15-Minute Average Concentrations of TVOC and PM-10
UniFirst Corporation
Liverpool, NY

	TVOC (ppmv)		PM_{10} (ug/m^3)	
Alert Limit	3.7		100	
Action Limit	5.0		150	
Stop Work Limit	25.0		-	
Date	**Downwind**	**Upwind**	**Downwind**	**Upwind**
Mon 8/21/2023	4.3	0.1	40	24
Tue 8/22/2023	5.0	1.2	8	7
Wed 8/23/2023	3.4	0.3	13	18
Thu 8/24/2023	0.0	0.0	10	10
Fri 8/25/2023	2.7	20.7	17	14

Notes:

ug/m^3 = micrograms per cubic meter

ppmv = parts per million by volume

TVOC = total volatile organic compounds

PM_{10} = particulate matter (i.e. dust) 10 microns or less in diameter

- Elevated readings recorded on Friday August 25 2023 occurred during calibration

Table 2: Meteorological Data from Syracuse
Hancock International Airport
Unifirst Corporation
Liverpool, NY

time	Temperature *°C*	Dew Point *°C*	Relative Humidity *%*	Total Precipitation *mm*	Snow Depth	Wind Direction	Wind Speed *km/h*	Peak Gust	Air Pressure *hPa*	Sunshine Duration	Weather Condition Code
2023-08-21 00:00:00	23	17.9	73	0	-	222	5.5	-	1018	-	7
2023-08-21 01:00:00	22.8	18.3	76	0	-	0	0.0	-	1017.2	-	3
2023-08-21 02:00:00	22.8	18.3	76	0	-	0	0.0	-	1017	-	3
2023-08-21 03:00:00	23	18.1	74	0	-	200	6.0	-	1018	-	3
2023-08-21 04:00:00	23.3	18.4	74	0.5	-	270	9.4	-	1017.3	-	4
2023-08-21 05:00:00	23	18.1	74	0	-	260	11.0	-	1018	-	4
2023-08-21 06:00:00	22.8	18.3	76	0	-	270	14.8	-	1018	-	4
2023-08-21 07:00:00	22.8	19	79	0	-	290	13.0	-	1018.7	-	4
2023-08-21 08:00:00	23	19.2	79	0	-	280	13.0	-	1020	-	4
2023-08-21 09:00:00	23.9	19.4	76	0.3	-	300	14.8	-	1019.1	-	4
2023-08-21 10:00:00	23	19.2	79	0.2	-	320	19.0	-	1020	-	5
2023-08-21 11:00:00	22.8	19	79	0	-	290	20.5	-	1019.6	-	4
2023-08-21 12:00:00	22.8	17.7	73	0	-	290	20.5	-	1019.6	-	4
2023-08-21 13:00:00	22.8	16.8	69	0.2	-	310	14.8	-	1019.5	-	4
2023-08-21 14:00:00	22.8	16.8	69	0	-	290	11.2	-	1019.4	-	4
2023-08-21 15:00:00	23	15.8	64	0	-	320	20.0	-	1020	-	4
2023-08-21 16:00:00	23	14	57	0	-	310	17.0	-	1020	-	3
2023-08-21 17:00:00	22.2	12.7	55	0	-	310	14.8	-	1019.8	-	3
2023-08-21 18:00:00	21.1	12.3	57	0	-	310	16.6	-	1020	-	3
2023-08-21 19:00:00	19	11.3	61	0	-	290	11.0	-	1021	-	3
2023-08-21 20:00:00	18.9	11.7	63	0	-	300	13.0	-	1020.9	-	3
2023-08-21 21:00:00	17.2	11.7	70	0	-	310	7.6	-	1021.1	-	3
2023-08-21 22:00:00	17.8	11.8	68	0	-	310	9.4	-	1021.1	-	3
2023-08-21 23:00:00	17.8	11.8	68	0	-	330	7.6	-	1021.1	-	3
2023-08-22 00:00:00	17	11.9	72	0	-	330	7.0	-	1022	-	7
2023-08-22 01:00:00	15	11.2	78	0	-	320	9.4	-	1021.3	-	3
2023-08-22 02:00:00	14.4	11.2	81	0	-	340	5.4	-	1020.9	-	3
2023-08-22 03:00:00	13.3	10.7	84	0	-	330	7.6	-	1021.4	-	7
2023-08-22 04:00:00	13.9	9.9	77	0	-	0	0.0	-	1021.5	-	3
2023-08-22 05:00:00	13	9.6	80	0	-	270	7.0	-	1022	-	3
2023-08-22 06:00:00	13.3	9.9	80	0	-	0	0.0	-	1022.7	-	3
2023-08-22 07:00:00	15	11.2	78	0	-	330	7.6	-	1023.2	-	3
2023-08-22 08:00:00	17.2	11.7	70	0	-	0	0.0	-	1023.1	-	3
2023-08-22 09:00:00	18.9	11.7	63	0	-	320	7.6	-	1023.1	-	3
2023-08-22 10:00:00	21	11.6	55	0	-	340	6.0	-	1023	-	3
2023-08-22 11:00:00	22.8	10.6	46	0	-	360	7.6	-	1022.8	-	3
2023-08-22 12:00:00	24.4	11	43	0	-	0	0.0	-	1022.3	-	3
2023-08-22 13:00:00	24.4	11.7	45	0	-	290	11.2	-	1021.7	-	3
2023-08-22 14:00:00	26	12.5	43	0	-	290	9.0	-	1022	-	3
2023-08-22 15:00:00	25	12.2	45	0	-	300	20.5	-	1021	-	3
2023-08-22 16:00:00	25	12.2	45	0	-	320	25.9	-	1020.9	-	3
2023-08-22 17:00:00	24	12.9	50	0	-	340	15.0	-	1021	-	3
2023-08-22 18:00:00	22.8	12.7	53	0	-	330	18.4	-	1020.7	-	2
2023-08-22 19:00:00	21	12.2	57	0	-	310	7.0	-	1021	-	2
2023-08-22 20:00:00	19.4	12.9	66	0	-	310	9.4	-	1021.4	-	2
2023-08-22 21:00:00	18.9	12.9	68	0	-	290	7.6	-	1021.7	-	2
2023-08-22 22:00:00	18.3	13.4	73	0	-	0	0.0	-	1021.6	-	2
2023-08-22 23:00:00	16.7	13.2	80	0	-	130	5.4	-	1021.6	-	2
2023-08-23 00:00:00	17	13.5	80	0	-	171	1.8	-	1022	-	2
2023-08-23 01:00:00	16.1	12.8	81	0	-	0	0.0	-	1021.3	-	3
2023-08-23 02:00:00	16.1	12.8	81	0	-	0	0.0	-	1021.1	-	3
2023-08-23 03:00:00	16.1	12.8	81	0	-	0	0.0	-	1021	-	3
2023-08-23 04:00:00	16.7	12.8	78	0	-	0	0.0	-	1021.3	-	3
2023-08-23 05:00:00	16	12.7	81	0	-	109	3.7	-	1022	-	3
2023-08-23 06:00:00	16.7	12.8	78	0	-	0	0.0	-	1021.7	-	4
2023-08-23 07:00:00	17.2	13.9	81	0	-	0	0.0	-	1021.7	-	4
2023-08-23 08:00:00	19.4	14.4	73	0	-	180	9.4	-	1021.2	-	3
2023-08-23 09:00:00	22.2	14.3	61	0	-	0	0.0	-	1021.1	-	3
2023-08-23 10:00:00	24	12.9	50	0	-	70	6.0	-	1021	-	3
2023-08-23 11:00:00	25.6	12.1	43	0	-	50	5.4	-	1019.7	-	3
2023-08-23 12:00:00	24.4	11	43	0	-	0	0.0	-	1019.5	-	3
2023-08-23 13:00:00	26.1	12.9	44	0	-	350	7.6	-	1019.1	-	3
2023-08-23 14:00:00	25	11.6	43	0	-	250	17.0	-	1019	-	3
2023-08-23 15:00:00	25	12.9	47	0	-	260	11.0	-	1018	-	3
2023-08-23 16:00:00	25	12.9	47	0	-	50	7.6	-	1016.8	-	3
2023-08-23 17:00:00	22.8	12.7	53	0	-	70	11.2	-	1016.5	-	3
2023-08-23 18:00:00	21.7	13.9	61	0	-	0	0.0	-	1016.3	-	3
2023-08-23 19:00:00	21	13.9	64	0	-	100	9.0	-	1017	-	3
2023-08-23 20:00:00	21.1	14.5	66	0	-	130	5.4	-	1016.7	-	3

2023-08-23 21:00:00	20.6	14.9	70	0	-	110	7.6	-	1016.4	-	7
2023-08-23 22:00:00	20.6	14.5	68	0	-	160	7.6	-	1016.1	-	3
2023-08-23 23:00:00	21	14.9	68	0	-	150	7.0	-	1016	-	3
2023-08-24 00:00:00	20.6	14	66	0	-	140	9.4	-	1015.2	-	3
2023-08-24 01:00:00	20	14.4	70	0	-	120	9.4	-	1015.1	-	3
2023-08-24 02:00:00	20	13.9	68	0	-	120	9.4	-	1015.2	-	3
2023-08-24 03:00:00	20	13.2	65	0	-	160	16.6	-	1015.1	-	3
2023-08-24 04:00:00	19	13	68	0	-	120	19.0	-	1015	-	3
2023-08-24 05:00:00	19.4	13.3	68	0	-	120	20.5	-	1014.2	-	4
2023-08-24 06:00:00	19.4	13.3	68	0.1	-	130	16.6	-	1014.6	-	4
2023-08-24 07:00:00	19.4	13.3	68	0	-	120	24.1	-	1014.5	-	4
2023-08-24 08:00:00	18.3	14.4	78	0	-	110	16.6	-	1014.3	-	5
2023-08-24 09:00:00	20	13.9	68	0	-	140	19.0	-	1015	-	4
2023-08-24 10:00:00	19.4	14	71	0.1	-	140	22.3	-	1014.3	-	4
2023-08-24 11:00:00	18.9	15	78	0	-	120	16.6	-	1014	-	4
2023-08-24 12:00:00	19	14.7	76	0	-	130	13.0	-	1014	-	4
2023-08-24 13:00:00	18.9	16.1	84	0	-	120	14.8	-	1013.2	-	5
2023-08-24 14:00:00	19	15.3	79	0	-	120	17.0	-	1014	-	4
2023-08-24 15:00:00	20	15.6	76	0	-	140	16.6	-	1012.1	-	4
2023-08-24 16:00:00	21	16	73	0.3	-	140	11.0	-	1013	-	7
2023-08-24 17:00:00	20	16	78	0.1	-	140	11.2	-	1012.2	-	7
2023-08-24 18:00:00	20	16.6	81	0.3	-	130	15.0	-	1012	-	7
2023-08-24 19:00:00	20.6	16	75	0	-	140	5.4	-	1011.6	-	7
2023-08-24 20:00:00	20	16.6	81	0	-	110	7.6	-	1011.6	-	5
2023-08-24 21:00:00	20	16.6	81	0	-	130	9.4	-	1011.1	-	7
2023-08-24 22:00:00	20.6	16.6	78	0.1	-	150	5.4	-	1010.2	-	7
2023-08-24 23:00:00	21	17	78	0	-	140	9.0	-	1010	-	7
2023-08-25 00:00:00	21.7	17.3	76	0.2	-	200	14.8	-	1011	-	7
2023-08-25 01:00:00	20.6	17.8	84	0.3	-	180	5.4	-	1009.7	-	7
2023-08-25 02:00:00	20.6	18.4	87	1.6	-	180	7.6	-	1008.9	-	7
2023-08-25 03:00:00	20	18.3	90	1.5	-	110	7.6	-	1008.6	-	7
2023-08-25 04:00:00	21	18.8	87	3.5	-	70	9.0	-	1009	-	7
2023-08-25 05:00:00	20	18.3	90	0.5	-	20	5.4	-	1008.1	-	7
2023-08-25 06:00:00	20	18.3	90	0	-	70	6.0	-	1009	-	7
2023-08-25 07:00:00	20.6	18.4	87	0.2	-	0	0.0	-	1008.4	-	4
2023-08-25 08:00:00	23	19.6	81	0.3	-	200	9.0	-	1009	-	4
2023-08-25 09:00:00	25	20.7	77	0.2	-	105	7.6	-	1009	-	4
2023-08-25 10:00:00	25.6	20.6	74	0	-	250	13.0	-	1008.5	-	4
2023-08-25 11:00:00	26	21	74	0	-	240	13.0	-	1010	-	4
2023-08-25 12:00:00	25	20.7	77	0	-	260	13.0	-	1010	-	3
2023-08-25 13:00:00	24.4	20.1	77	0	-	240	18.4	-	1010	-	4
2023-08-25 14:00:00	24.4	21.7	85	0.2	-	230	7.6	-	1009	-	4
2023-08-25 15:00:00	24.4	20.5	79	0.2	-	310	13.0	-	1009.3	-	7
2023-08-25 16:00:00	25	20	74	0	-	290	14.8	-	1009.6	-	7
2023-08-25 17:00:00	24	19.1	74	0	-	300	13.0	-	1011	-	7
2023-08-25 18:00:00	24.4	18.8	71	0	-	330	9.4	-	1011	-	3
2023-08-25 19:00:00	22.8	18.3	76	0	-	300	11.2	-	1010.3	-	3
2023-08-25 20:00:00	22.2	19	82	0	-	280	7.6	-	1010.8	-	3
2023-08-25 21:00:00	22.2	19	82	0	-	300	5.4	-	1011.1	-	3
2023-08-25 22:00:00	21.7	18.9	84	0	-	260	7.6	-	1011.3	-	3
2023-08-25 23:00:00	22	18.6	81	0	-	240	6.0	-	1012	-	3

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	8/21/2023	General Weather Conditions
System Start Time	0730	Overcast, high 70's
System Stop Time	1530	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 0645 Departure: 1600
System Calibrations	YES	UST impacted material loadout
(Time/Status)	7	MW installations

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Josh Prygon
Date: 8/21/2023

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GEI Consultants

Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	8/22/2023	General Weather Conditions
System Start Time	0730	Overcast, high 70's
System Stop Time	1530	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 0645 Departure: 1600
System Calibrations	YES	MW installations
(Time/Status)	7	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Josh Prygon
Date: 8/22/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	8/23/2023	General Weather Conditions
System Start Time	0730	Overcast, high 70's
System Stop Time	1530	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 0645 Departure: 1600
System Calibrations	YES	MW installations
(Time/Status)	7	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

P - Particulate/ Dust
UW - Upwind
CW - Crosswind
DW - Downwind
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Josh Prygon
Date: 8/23/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	8/24/2023	General Weather Conditions
System Start Time	0730	Overcast, high 70's
System Stop Time	1530	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 0645 Departure: 1600
System Calibrations	YES	MW installations
(Time/Status)	7	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Josh Prygon
Date: 8/24/2023

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Data Collection Forms and Worksheets
CAMP
UniFirst Laundry Facility
113 7th North Street, Liverpool, NY

Daily CAMP Report

System Operations		General Observations
Sampling Date	8/25/2023	General Weather Conditions
System Start Time	0730	Overcast, high 70's
System Stop Time	1530	
Total Hours Monitored	8	General Description of Site Activities:
		Arrival: 0645 Departure: 1600
System Calibrations	YES	MW installations
(Time/Status)	7	

System Alarm Log

Time	Station No.	Alarm (Dust, VOC)	Location (UW, CW, DW)	Dust/TVOC/Odor 15-min avg conc. Rang	Total # of Alarms	Notes	Site Person/Time Notified

Notes:

	Particulate (15-min)	TVOC (15-min)	Odor (15-min)
Alert Limit:	N/A	3.7 ppm	
Response Limit:	100 ug/m^3	5.0 ppm	
Action Limit:	150 ug/m^3	25 ppm	3 (n-butanol)

Notes:

UW - Upwind
CW - Crosswind
DW - Downwind

P - Particulate/ Dust
Particulate recorded in ug/m^3
V - Total VOC
Total VOC measured in ppm

Field Representative: Jordan DesRosiers
Date: 8/25/2023

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Appendix F Remedial Construction Reporting

F.1. Construction Observation Reports

F.2. Construction Call Summaries

F.1. Construction Observation Reports

FIELD OBSERVATION REPORT

Project:	Unifirst - Liverpool	**Field Date:**	10/3/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 8
		GEI Proj. No.	2001642

Time of Arrival: 0700 **Time of Departure: 1615**
Weather: Sunny, 60s°F

GEI Representatives

- Wendy Moore – Construction Observation / CAMP remobilization

Site Visitors/Other

- None

Monitoring

CAMP

Station	Daily Max (PPM) TVOC	Daily Max PM-10 (mcg/m^3)	Comments
101	1.81	8.1	Powered up morning of 10/3/22
102	0.06	4.9	Powered up morning of 10/3/22
103	0.67	4.6	Powered up morning of 10/3/22

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 mcg/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 mcg/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- None

Site Work

- C&S performing site safety orientation training
- C&S mobilizing personnel and equipment back to site
- Sun dewatering pits where C&S will be pouring and forming concrete later in week/next week

THIS REPORT IS INTENDED ONLY FOR THE USE OF GEI CONSULTANTS INC FOR INFORMATIONAL PURPOSES AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

- GEI reinstalled, powered on, and calibrated the 3 CAMP stations

Notes and Comments

- No work expected tomorrow (only deliveries)

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FIELD OBSERVATION REPORT

Project:	Unifirst - Liverpool	**Field Date:**	10/3/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	3 of 8
		GEI Proj. No.	2001642

Photos



1. Overview of Phase 2 Work Area



2. Overview of Phase 2 Work Area

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3. Dewatering where footers will be formed in early October



4. Where footers will be formed in early October, after dewatering

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5. Elevator pit (foreground) after dewatering



6. Eastern foundation trench after dewatering

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7. Seneca Meadows stockpile



8. Seneca Meadows stockpile

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9. Berm for Seneca Meadows stockpile

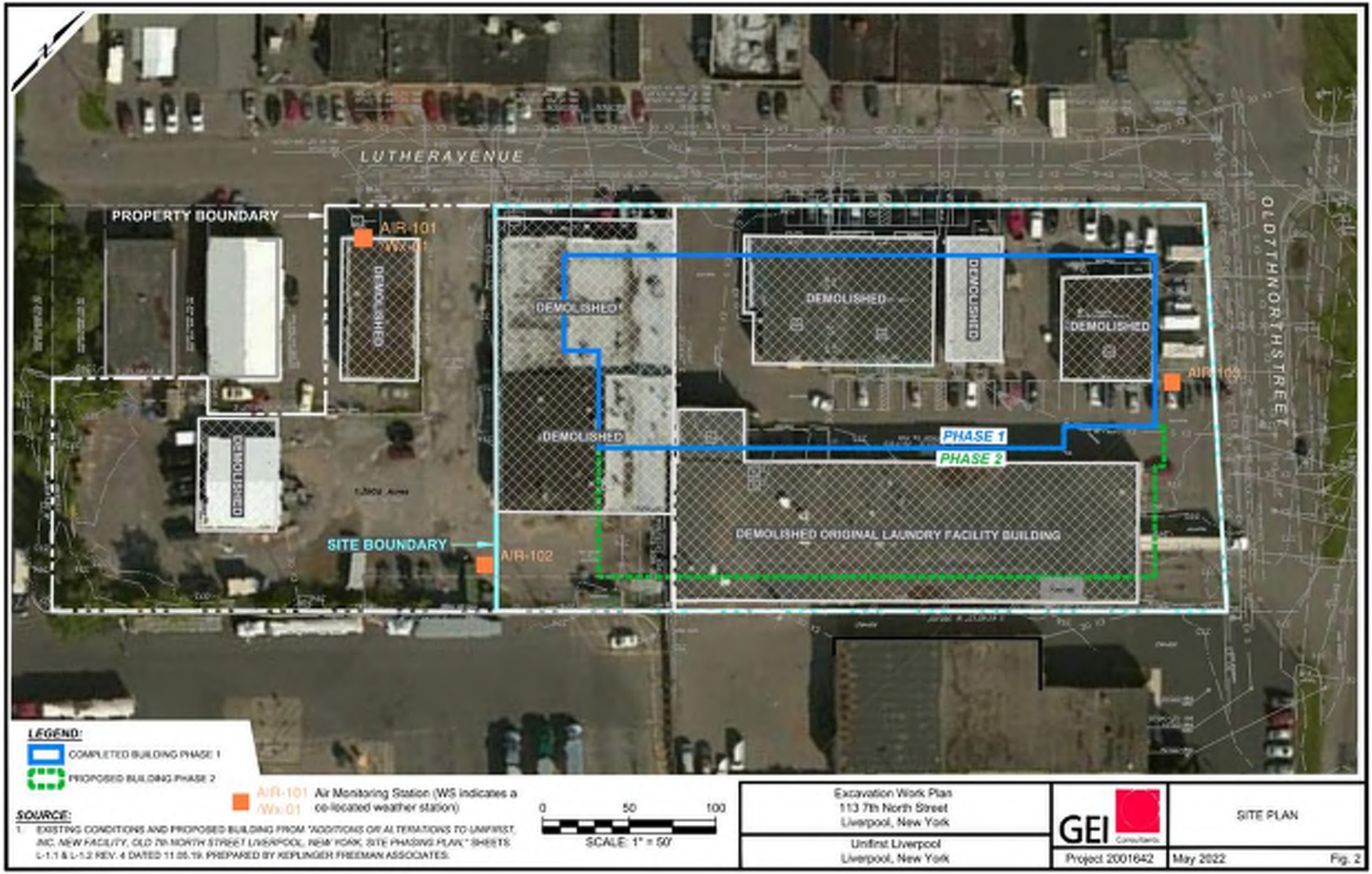


10. Contained-in stockpile (Air-102 is directly behind stockpile); imported stone pile in background

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FIELD OBSERVATION REPORT

Project:	Unifirst - Liverpool	**Field Date:**	10/3/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	8 of 8
		GEI Proj. No.	2001642



FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/4/2022
Project Number: 2001642

Time of Arrival: 1300 **Time of Departure: 1600**
Weather: Low 37° High 56° Clear and mostly sunny.
Weather station is not uploading data. I notified Chris Gordon of this issue and he is working on a solution.

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Tallie	C&S	Nevin Bradford	C&S

Analytical Sampling

- None

Materials Management

- None

Site Work

- C&S remobilizing to the site
- Surveyor on site to locate column lines and bench marks for construction

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (mcg/m^3)	Comments
101	0.0	9.4	
102	0.0	9.6	
103	0.0	10.0	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 mcg/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 mcg/m^3 above background will initiate work stoppage.

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer		

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/4/2022
Project Number: 2001642

Photos



Photo 1: Footer trench



Photo 2: Footer pit with ground water

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/4/2022
Project Number: 2001642



Photo 3: Footer pit with ground water



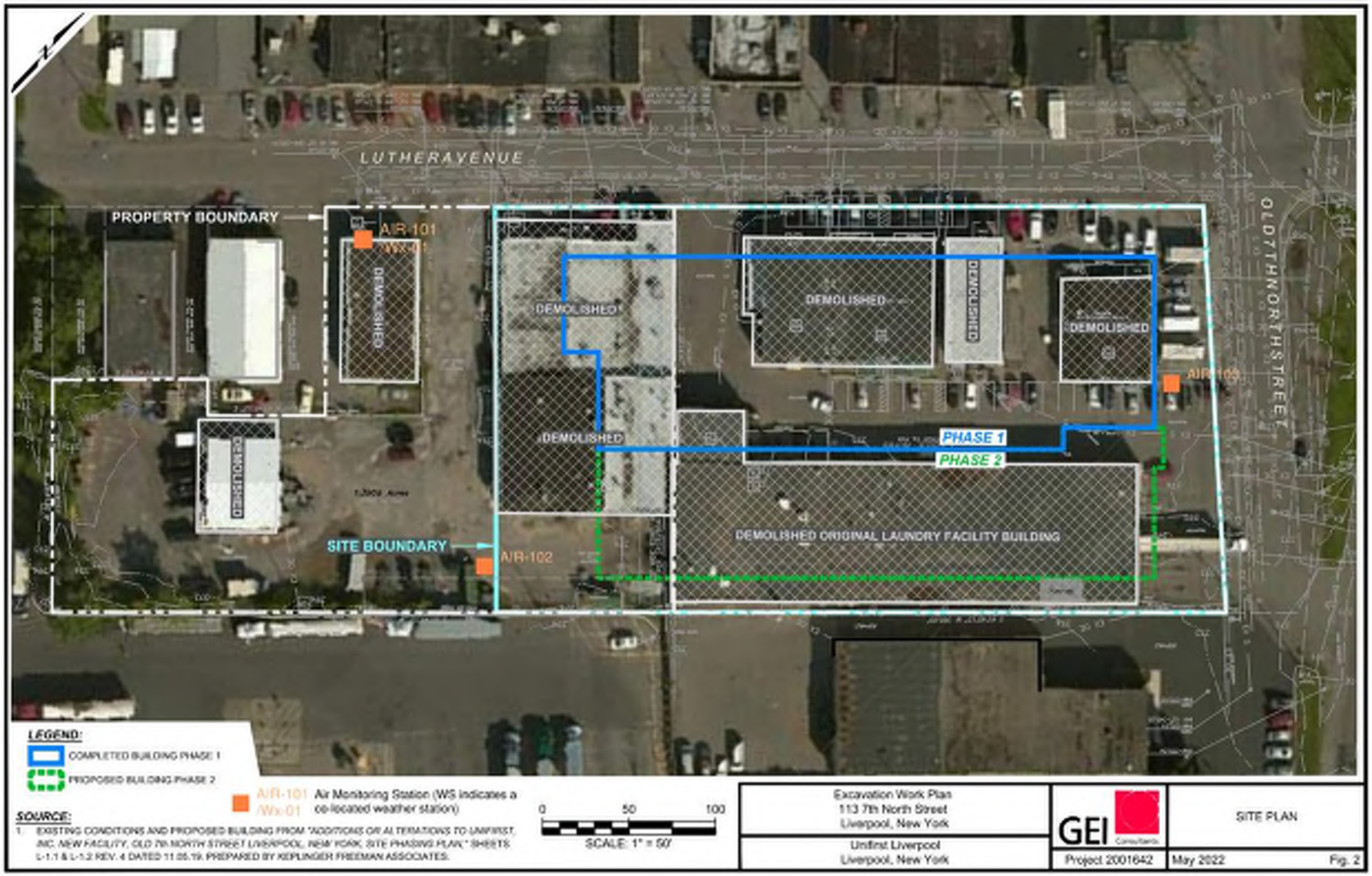
Photo 4: Footer pit on south west end of construction site, damp but no standing water

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/4/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Uni-First

Date: 10/5/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1600**
Weather: Low 43° High 54° Mostly sunny

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Tallie	C&S	Tom Rotella	C&S
Russel Torrence	C&S	James Forbes	C&S
Nick Guzman	C&S	Dave Curran	Sun

Materials Management

- Dewatered Footer pits
- Stockpiled impacted material

Site work

- Site specific health and safety briefing
- Sun Environmental on site to dewater and excavate footer pits
- Placing fresh concrete in footer pits

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (mcg/m^3)	Comments
101	0. 21	7.7	
102	5.24	35.0	Notification sent to DEC and DOH
103	0.1	8.7	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 mcg/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 mcg/m^3 above background will initiate work stoppage.

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Uni-First

Date: 10/5/2022
Project Number: 2001642



Photo 1: Footer pit mucked out and fresh stone placed



Photo 2: Sun Environmental mucking out footer pits

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Uni-First

Date: 10/5/2022
Project Number: 2001642



Photo 3. Sun Environmental mucking out footer pits



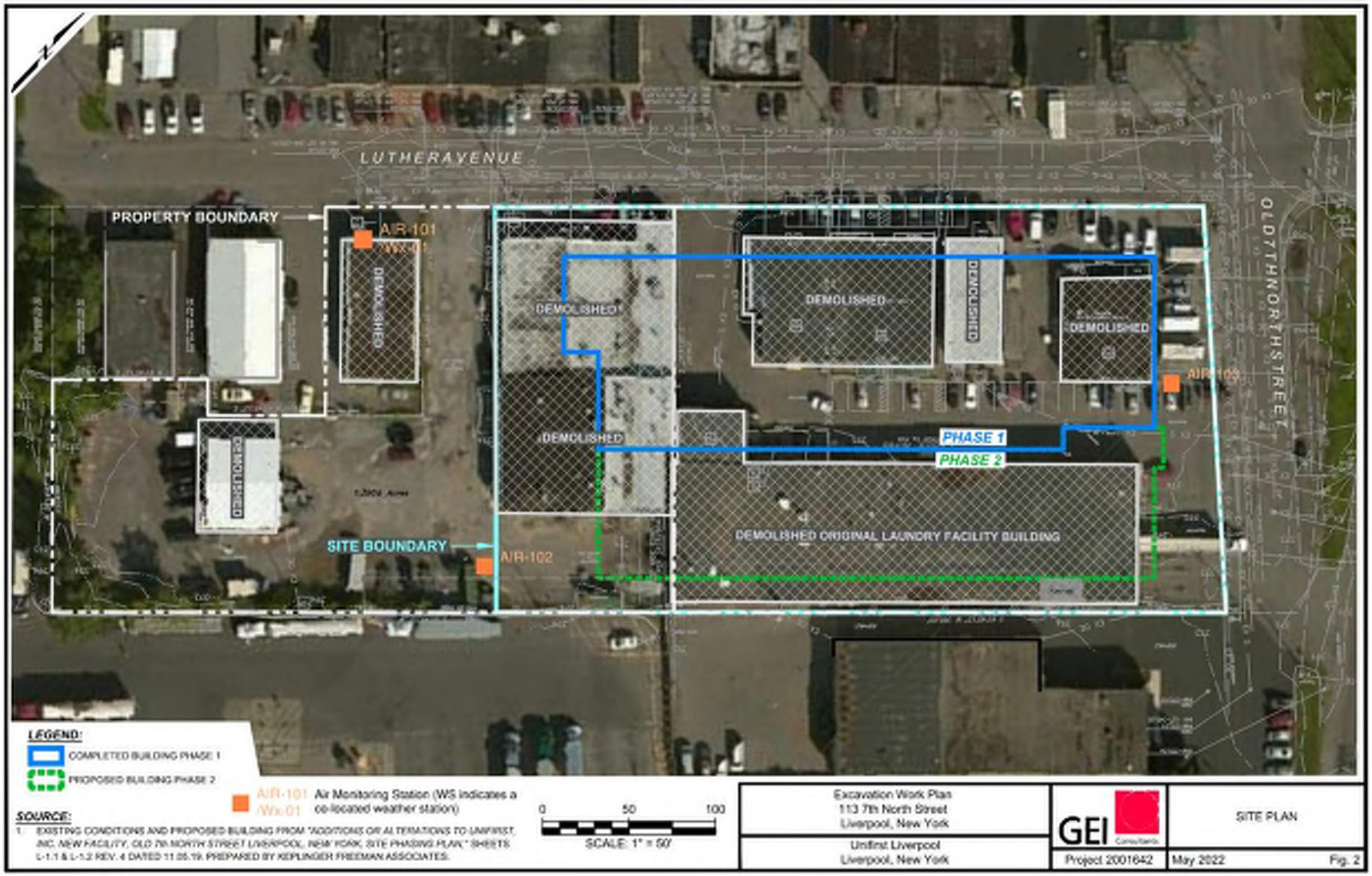
Photo 4: Impacted material mucked out of footer pits and stockpiled

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Uni-First

Date: 10/5/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/6/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 38°High 63°

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Tallie	C&S	Nevin Bradford	C&S
Russel Torrence	C&S	James Forbes	C&S
Nick Guzman	C&S	Dave Curran	Sun
Tom Rotella	C&S		

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Sun Environmental performing trench air monitoring
- Sun Environmental dewatering footer excavations
- C&S installing footer forms

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (mcg/m^3)	Comments
101	0. 21	12.8	
102	0.5	14.5	
103	0.02	12.6	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 mcg/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 mcg/m^3 above background will initiate work stoppage.

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/6/2022
Project Number: 2001642

Photos



Photo 1: C&S delivering form material



Photo 2: Footer pit with ground water

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/6/2022
Project Number: 2001642



Photo 3: Electrician establishing working electric for construction



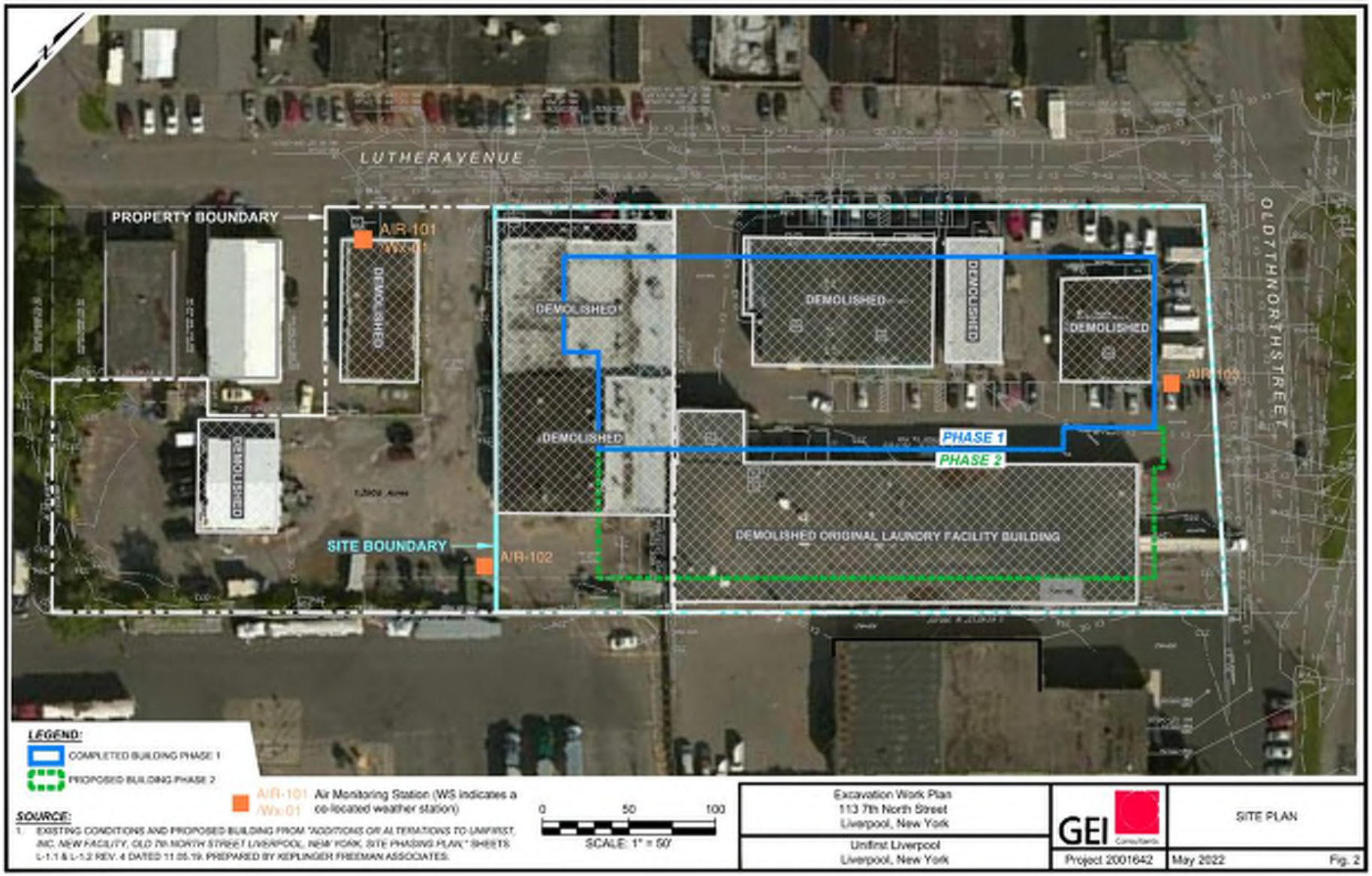
Photo 4: View of site south to north

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/6/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/7/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: °38 High:74 °Overcast

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Tallie	C&S	Nevin Bradford	C&S	Tom Rotella	C&S
Russel Torrence	C&S	James Forbes	C&S	Dave Curran	Sun

Monitoring

CAMP

Station	TVOC	PM-10	Comments
101	0.0	16.1	
102	1.5	12.3	
103	0.0	11.8	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 mcg/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 mcg/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Install footer forms
- Surveyor on site
- Electrician on site to energize decon trailer

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/7/2022
Project Number: 2001642

Photos



Photo 1: Sun Environmental dewatering footer pit



Photo 2: Footer pit with ground water

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/7/2022
Project Number: 2001642



Photo 3: Outside footer trench



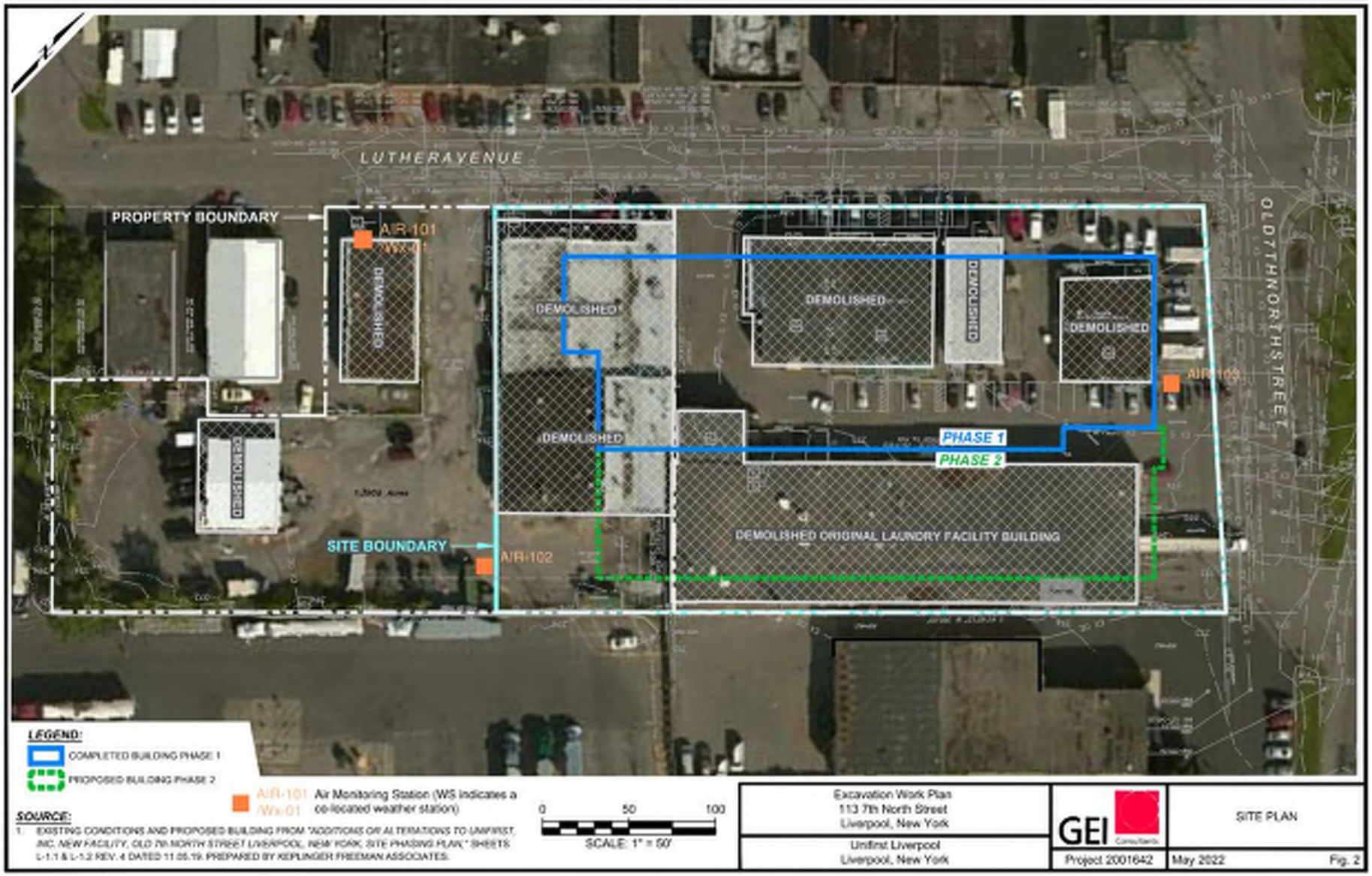
Photo 4: Symons forms north east foundation wall

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/7/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/10/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low 47°High 58° Overcast early, mostly cloudy the remainder of the day.
Relative humidity 48%-85%
Wind 3-13 mph, predominately from the NW

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	Nevin Bradford	C&S	Stephen Bombard	C&S
Russel Torrence	C&S	James Forbes	C&S	Theodore Pringle	C&S
Kreig Capella	C&S	Jason Shomb	C&S	Joseph Lewis	C&S
Nick Guzman	C&S				

Monitoring

CAMP

Station	TVOC max reading (ppmv)	PM-10 max reading (ug/m3)	Comments
101	0.45	7.0	
102	0.0	8.8	
103	0.0	8.5	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- C&S constructing footer forms
- Dewatering and sub-grade air monitoring performed by Sun Environmental

Notes and Comments

- GEI Calibrated CAMP station PIDs
- GEI walked the perimeter of the site with the spare PID

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/10/2022
Project Number: 2001642

- 0700 C&S Conducted a tailgate safety meeting at the start of the day and discussed the day's planned activities

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Sun Environmental dewatering footer pit

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/10/2022
Project Number: 2001642



Photo 2: Footer pit with ground water



Photo 3: Footer trench

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/10/2022
Project Number: 2001642



Photo 4. Footer pads formed



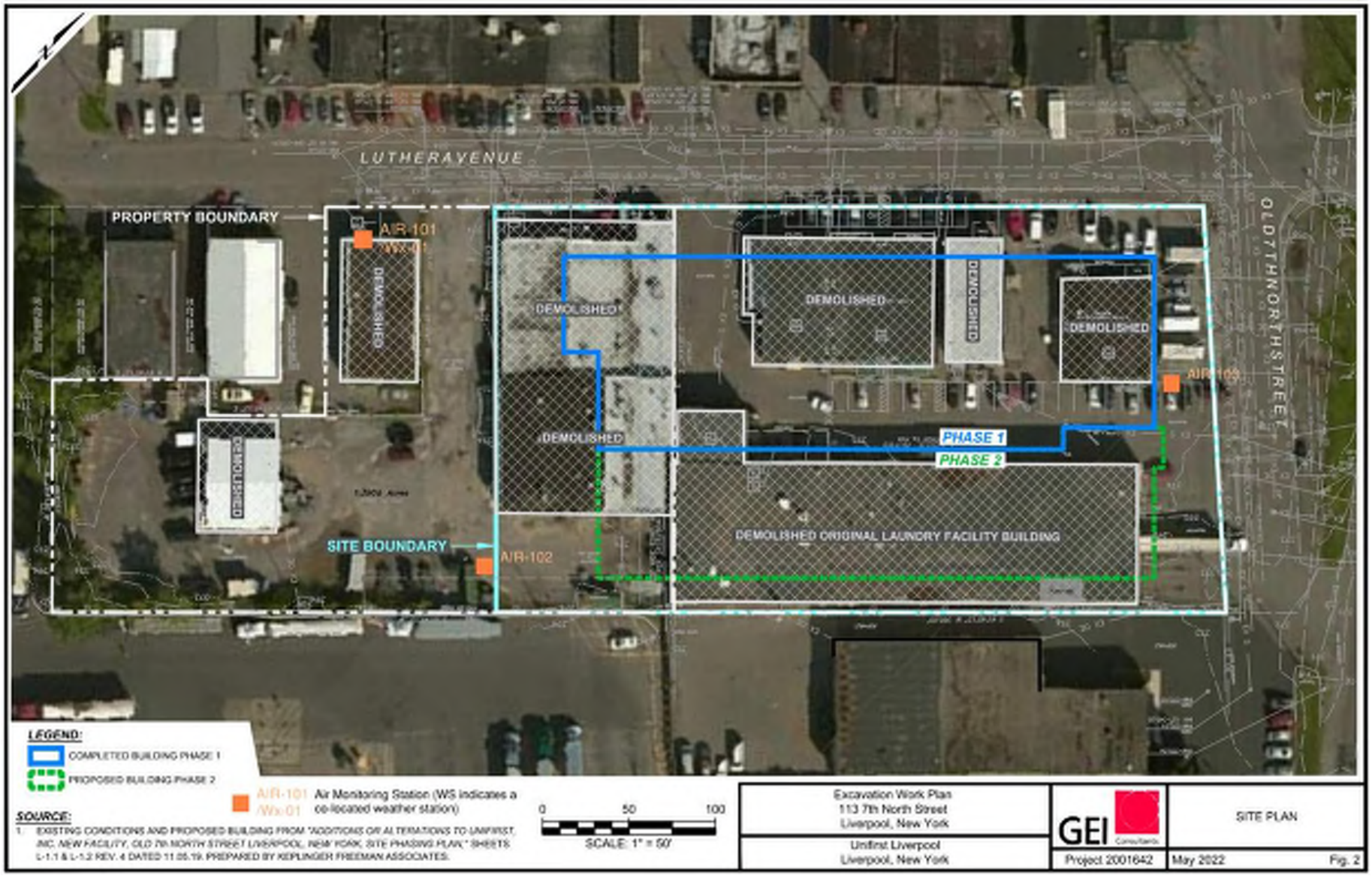
Photo 5: Dewatering footer pit for forms

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/10/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/11/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low 40° High 71° Mostly clear skies

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	Nevin Bradford	C&S	Joseph Lewis	C&S
Russel Torrence	C&S	James Forbes	C&S	Theodore Pringle	C&S
Kreig Capella	C&S	Jason Shomb	C&S	Nick Guzman	C&S
Travis Shear	Hertel	Dave Curran	Sun	Tom Rotella	C&S
Chris Griffin	Sun				

Monitoring

CAMP

Station	TVOC max reading (ppmv)	PM-10 max reading (ug/m3)	Comments
101	0.55	12.5	
102	1.25	14.2	
103	0.95	15.1	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- C&S installing rebar in footer forms
- C&S building footer forms and installing walers and bracing

Notes and Comments

- GEI Calibrated all PIDs 0630 and 0645
- GEI walked site perimeter with spare PID at 0745, 0945, 1140

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/11/2022
Project Number: 2001642

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Placing rebar for concrete pour

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/11/2022
Project Number: 2001642



Photo 2: Footer forms with accumulated water inside footer pit



3. Accumulated water inside footer pit

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/11/2022
Project Number: 2001642



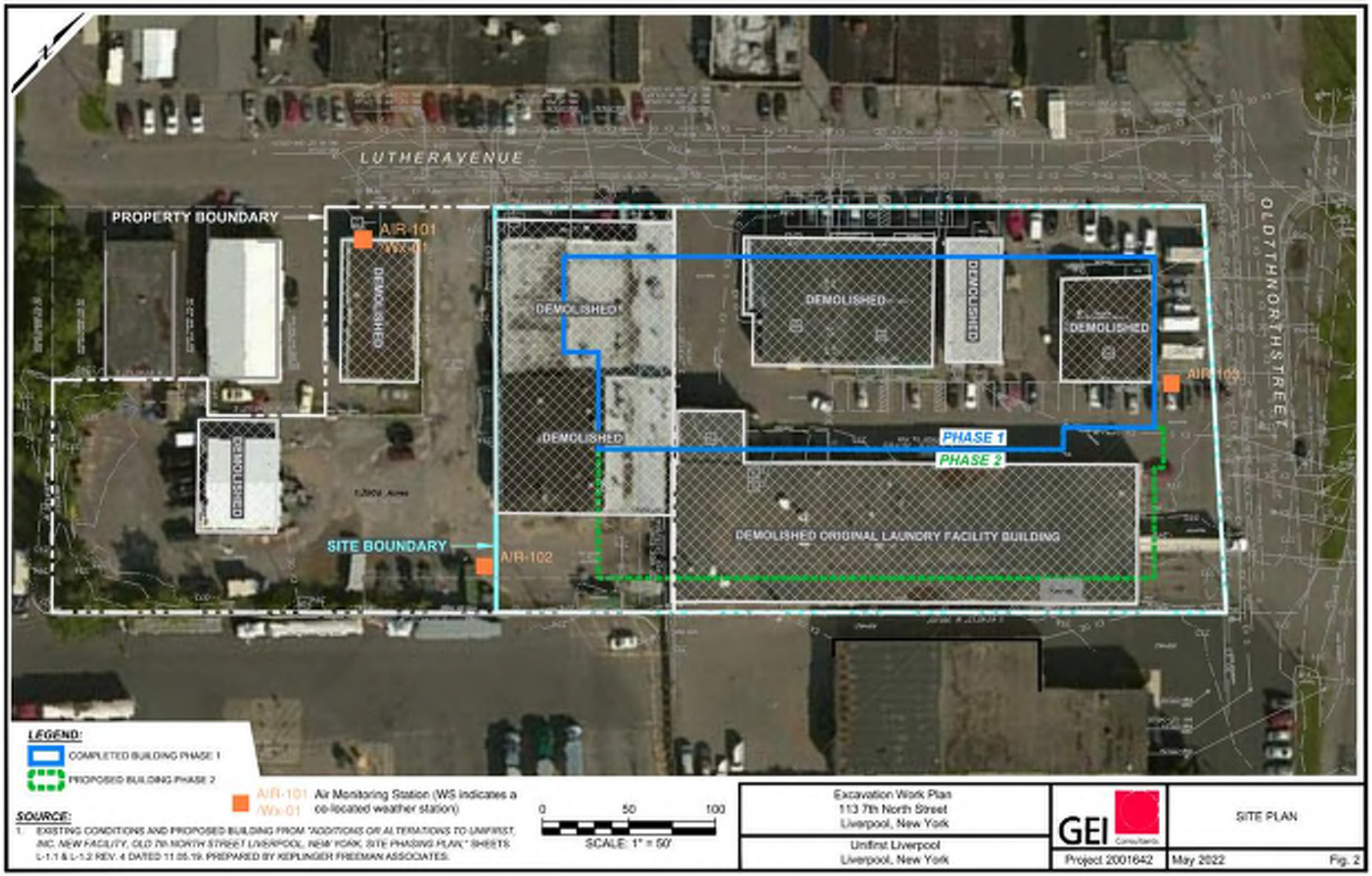
4. Sun Environmental dewatering footer pits

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/11/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/12/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 59° High: 68°
Mostly sunny

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	Nevin Bradford	C&S	Tom Rotella	C&S
Russel Torrence	C&S	James Forbes	C&S	Theodore Pringle	C&S
Kreig Carolle	C&S	Jason Shomb	C&S	David Curran	Sun
Joseph Lewis	Sun	Nick Guzman	C&S	Chris Griffin	Sun
Travis Shear	C&S	Shawn Musachio	C&S	Joe Cireo	C&S
Stephen Bombard	C&S				

Monitoring

CAMP

Station	TVOC max reading (ppmv)	PM-10 max reading (ug/m3)	Comments
101	0.0	11.8	
102	0.0	10.4	
103	0.0	14.4	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Install footer forms and bracing
- Install rebar
- Prep for concrete
- Site secured at the end of the day

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/12/2022
Project Number: 2001642

Notes and Comments

- GEI Calibrated CAMP PIDs
- GEI performed perimeter walk with PID at approximately 0900 and 1430

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Sun Environmental dewatering footer pit

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/12/2022
Project Number: 2001642



Photo 2: Footer trench



3. Footer pit after dewatering.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/12/2022
Project Number: 2001642



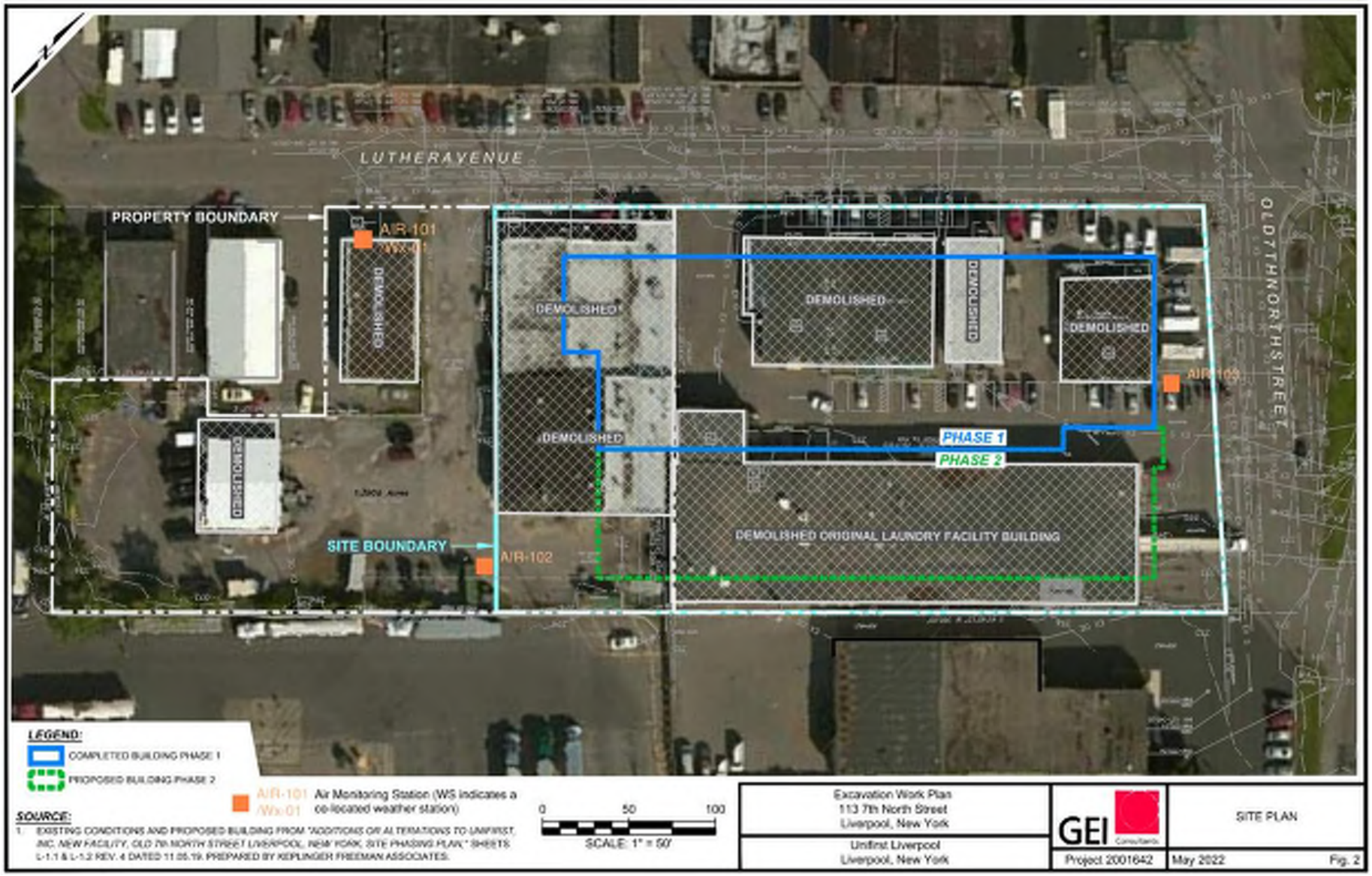
4. Footer trench

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/12/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/13/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 50° High: 69° Light rain started approximately 0720, with intermittent light showers until approximately 1300. Rain in the afternoon, heavy at times

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Dave Curran	Sun
Russel Torrence	C&S	Joe Cerio	C&S	Theodore Pringle	C&S
Kreig Copella	C&S	Eric Landry	Sun	Nick Guzman	C&S
Joseph Lewis	Sun	Chris Griffin	Sun		

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.47	14.3	
102	1.18	15.3	
103	0.0	14.3	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- ATL on site for concrete testing

Materials Management

- Footer pits dewatered and water stored in on site frac tank

Site Work

- Footer forms braced
- Pour concrete in footer pits
- Site secured at the end of the day

Notes and Comments

- GEI Calibrated CAMP PIDs and performed perimeter walk with PID

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/13/2022
Project Number: 2001642

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Footer trench

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/13/2022
Project Number: 2001642



Photo 2: Footer pit ready for concrete



3. Footer pit after dewatering

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/13/2022
Project Number: 2001642



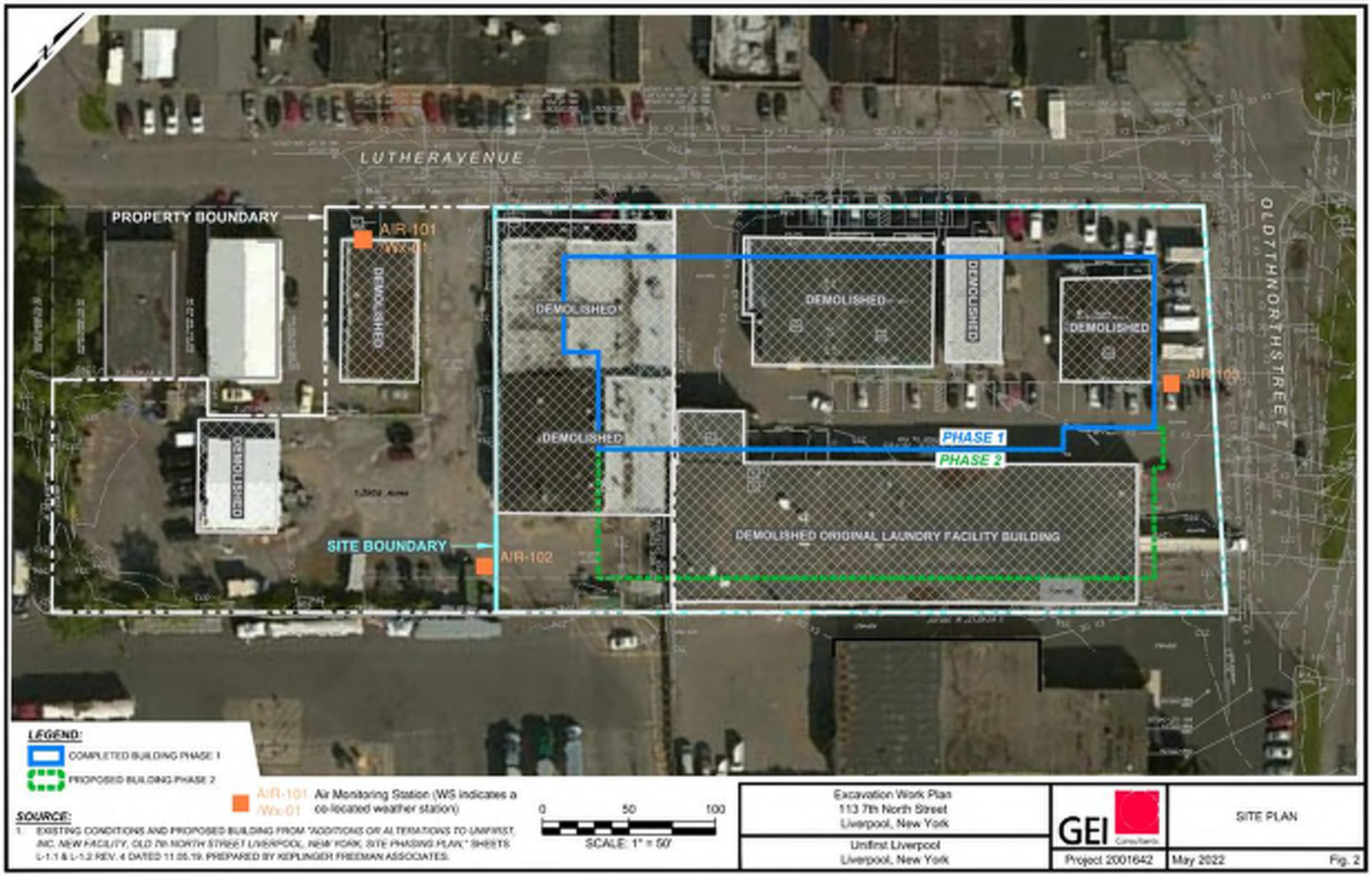
4. Overview of sitework from south to north

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/13/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/14/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 36° High: 61°

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	Nevin Bradford	C&S	Stephen Bombard	C&S
Russel Torrence	C&S	James Forbes	C&S	Theodore Pringle	C&S
Kreig Carolle	C&S	Jason Shomb	C&S		
Joseph Lewis	Sun				

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.91	11.1	
102	4.21	13.7	
103	2.73	13.8	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- C&S installing footer forms
- C&S stripping forms
- Sun dewatering excavations as needed

Notes and Comments

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- GEI Calibrated CAMP PIDs

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Sun Environmental dewatering footer pit

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/14/2022
Project Number: 2001642



Photo 2: C&S stripping forms



Photo 3: Sun Environmental dewatering footer pit

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/14/2022
Project Number: 2001642



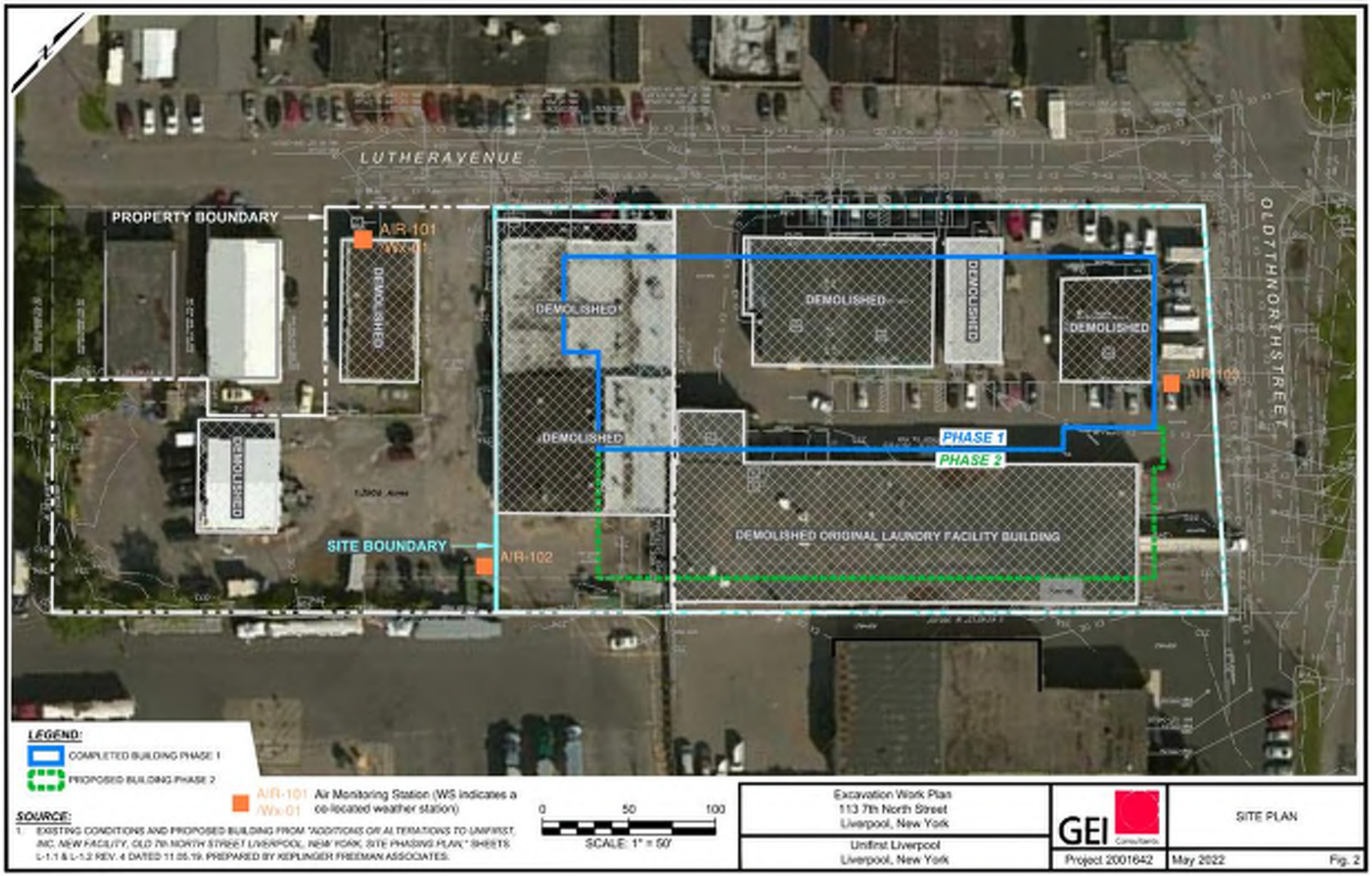
Photo 4: SE footer trench looking north to south

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/14/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/17/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 49° High: 56° Light rain off and on

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Talllie	C&S	James Forbes	C&S	Russel Torrence	C&S
Christian Freeman	ATL	Joe Cerio	C&S	Theodore Pringle	C&S
Kreig Capella	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	Dave Curran	Sun	Merik Hurlbis	Sun
Derick Adams	Fisher	Collin Mulherin	Fisher	AJ Peryea	Fisher
Mark Wright	ATL				

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.32	16.8	
102	0.0	15.2	
103	0.0	39.3	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Install footer forms
- Place rebar
- Backfill and compact around footers
- Site secured at the end of the day

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/17/2022
Project Number: 2001642

Notes and Comments

- GEI Calibrated CAMP PIDs

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Footer pit with no water

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/17/2022
Project Number: 2001642



Photo 2: SE Footer trench looking south to north



Photo 3: Site overview looking south to north

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/17/2022
Project Number: 2001642



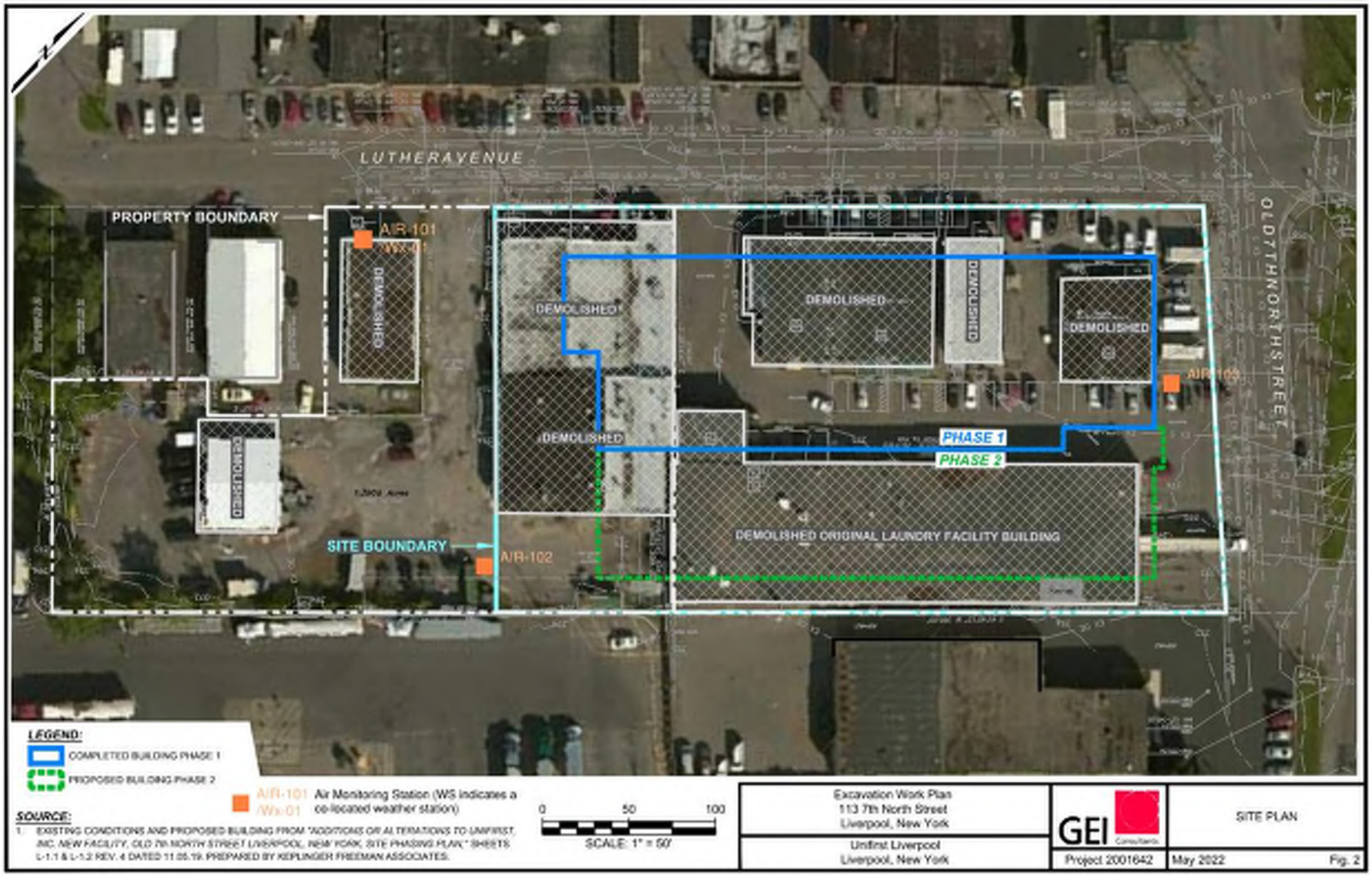
Photo 4: Backfill and compaction of footer piers

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/17/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/18/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 41° High: 51° Overcast with occasional light rain

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Christian Freeman	ATL	Joe Cerio	C&S	Theodore Pringle	C&S
Kreig Capella	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	Dave Curran	Sun	Derick Adams	Fisher
Jordan Crossgrave	C&S	Merik Hurlbis	Sun	AJ Peryea	Fisher
Mark Wright	ATL	Harland Spencer	Sun	Collin Mulherin	Fisher

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	3.8	
102	0.0	4.8	
103	0.0	16.8	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- Waste characterization samples collected from planned deep excavation area along southern perimeter of Ph 2 building

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Footer excavations dewatered by Sun Environmental
- Test pits excavated by Sun for waste characterization samples
- C&S forming piers
- C&S pouring concrete
- Site secured at the end of the day

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/18/2022
Project Number: 2001642

Notes and Comments

- GEI Calibrated CAMP PIDs

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Sun dewatering footer trench to collect waste characterization samples

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/18/2022
Project Number: 2001642



Photo 2: Sun excavating test pit 4 for soil sampling



Photo 3: Site view south to north.

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FIELD OBSERVATION REPORT

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Contractor: C&S
Client: UniFirst

Date: 10/18/2022
Project Number: 2001642



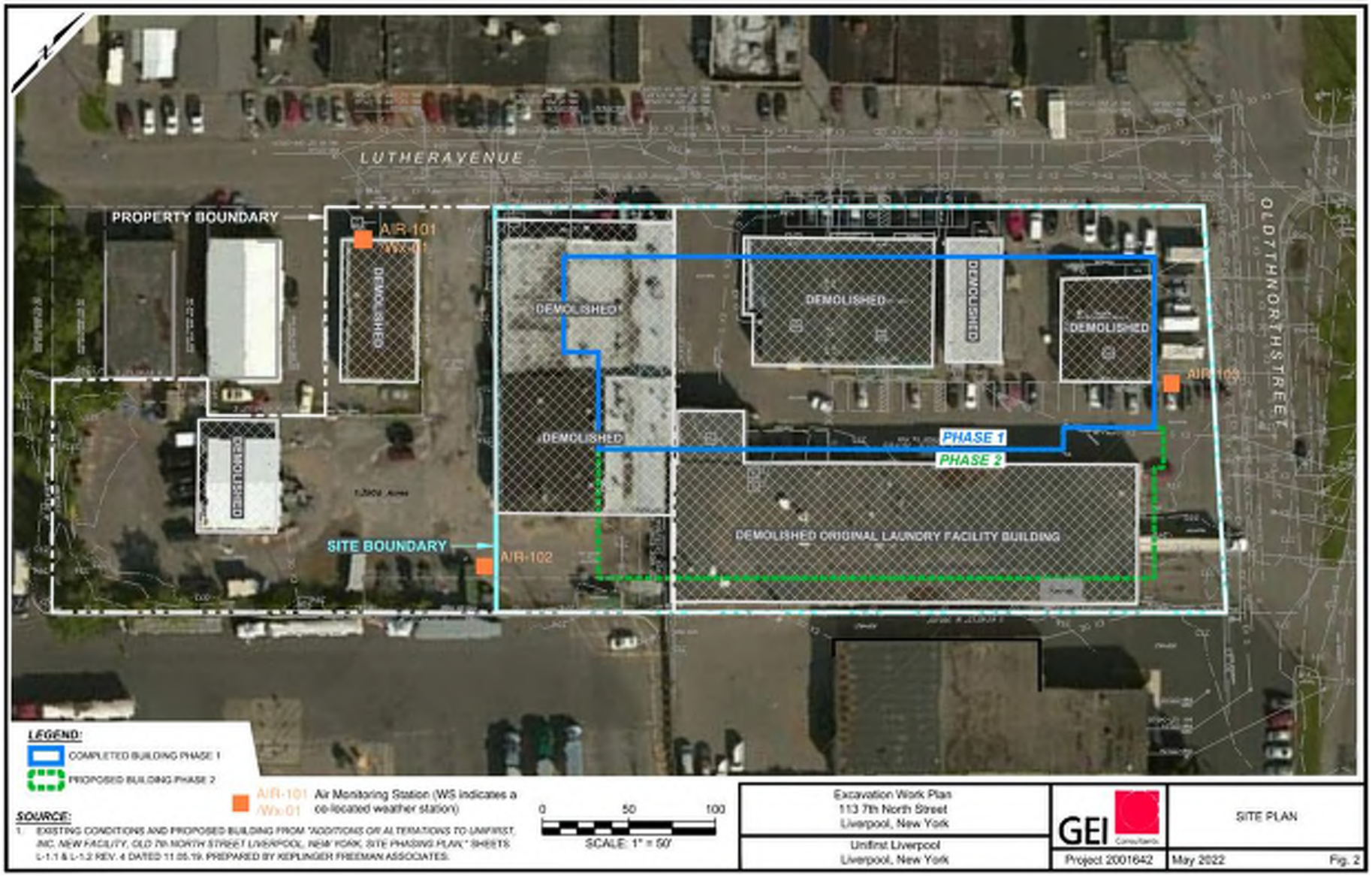
Photo 4: Wastewater pit location

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/18/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/19/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 34° High: 48°

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Tallie	C&S	James Forbes	C&S	Russel Torrence	C&S
Nick Canero	C&S	Joe Cerio	C&S	Theodore Pringle	C&S
Robert Wilmott	C&S	Nick Guzman	C&S	Merik Hurlbut	Sun
Austin Davis	ATL	Jordan Crossgrave	C&S	Derick Adams	Fisher
				AJ Peryea	Fisher
				Collin Mulherin	Fisher

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (mcg/m^3)	Comments
101	1.04	4.6	
102	0.0	17.8	
103	0.0	5.5	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 mcg/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 mcg/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- C&S forming NW footer wall
- ATL on site for compaction testing
- C&S backfilling and compacting around footer piers

Notes and Comments

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- GEI Calibrated all PID's

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Footer excavations dewatered, concrete poured, footers backfilled and compacted

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/19/2022
Project Number: 2001642



Photo 2: NBW footers dewatered, backfilled and compacted



Photo 3: Diesel exhaust plume from fuel farm moving towards Air Station 102

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/19/2022
Project Number: 2001642



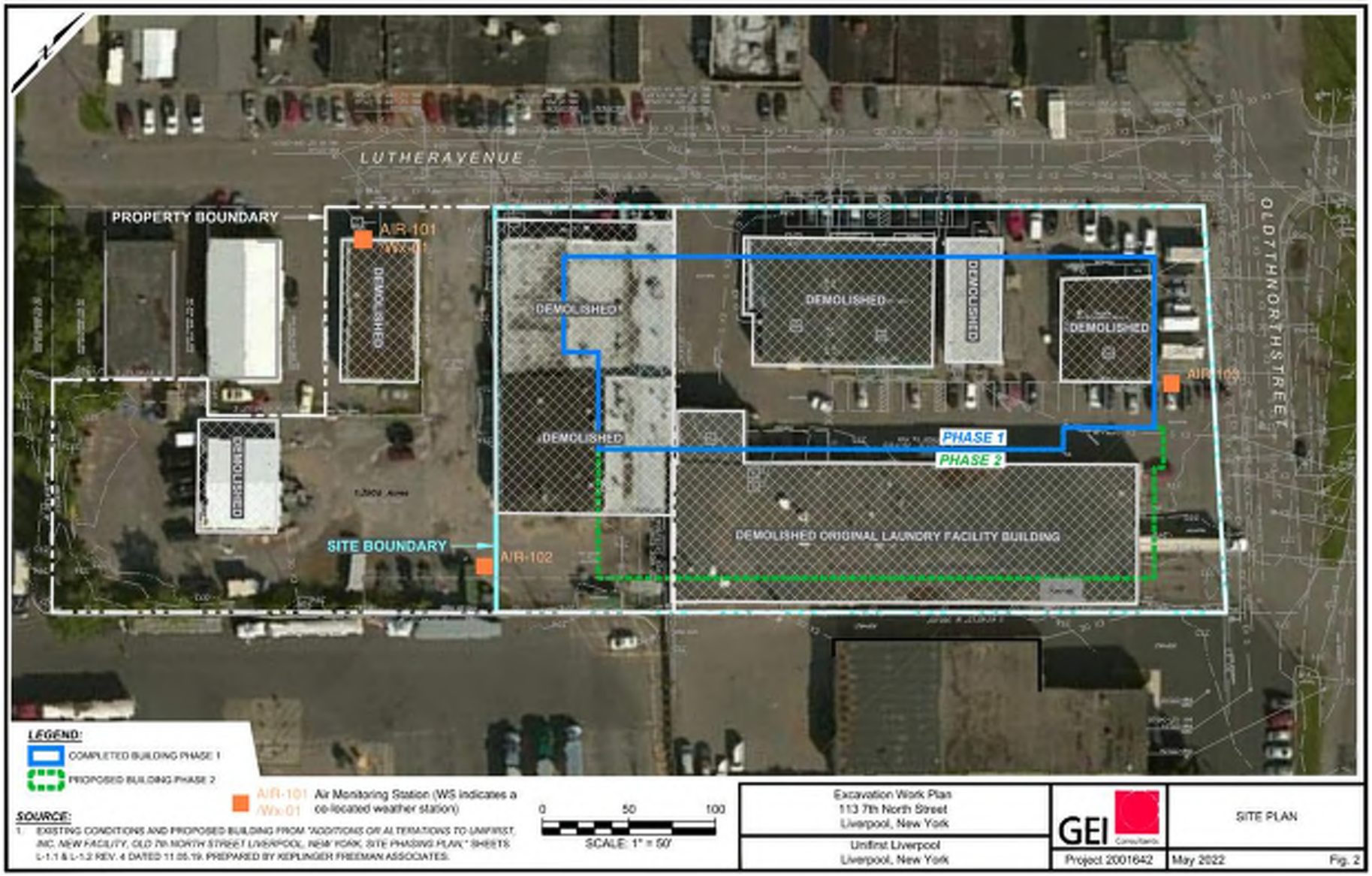
Photo 4: SE footer trench south to north .

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: Unifirst

Date: 10/19/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/20/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 41°High: 48° Light clouds early with more cloud cover moving in as the day went on

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Kreig Capella	C&S	Joe Cerio	C&S	Theodore Pringle	C&S
Jordan Crossgrave	C&S	Nick Guzman	C&S	Chris Griffin	Sun
Robert Wilmott	C&S	Dave Curran	Sun	Rick Montgomery	UniFirst
Tom Rotella	C&S	Nick Coneso	C&S		

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	6.7	
102	0.0	11.5	
103	0.0	8.7	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Install footer forms for NW footer wall
- Dewater excavations

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/20/2022
Project Number: 2001642

Notes and Comments

- GEI Calibrated CAMP PIDs

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: SE Footer trench looking south to north

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/20/2022
Project Number: 2001642



Photo 2: Northeast footer wall formed



Photo 3: Site overview south to north

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/20/2022
Project Number: 2001642



Photo 4: Southwest corner site of test pit 4 from soil sampling on 10/18



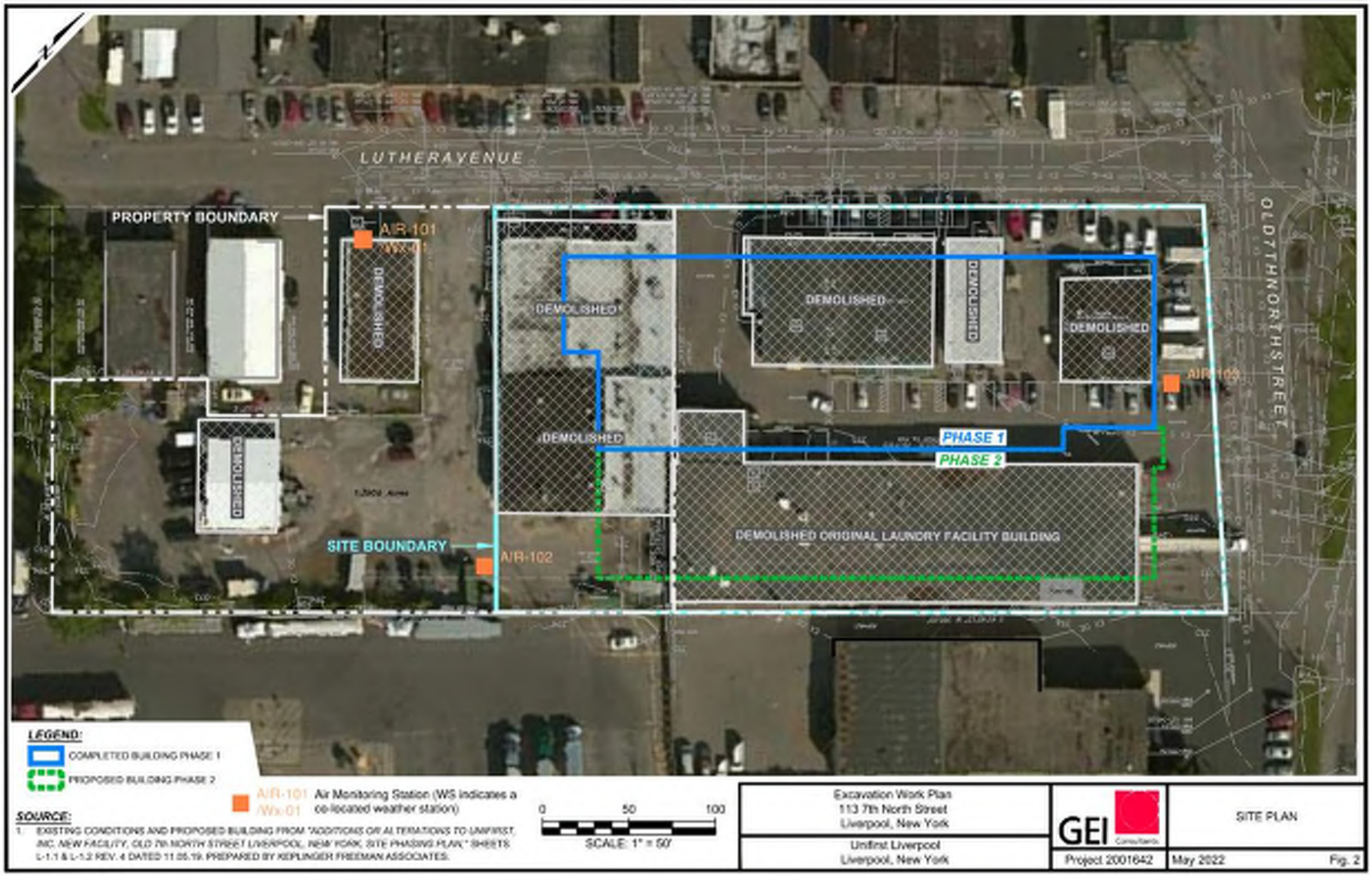
Photo 5: End of day site overview south to north

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/20/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/21/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Cloudy in the morning, then mostly sunny

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Christian Freeman	ATL	Joe Cerio	C&S	Theodore Pringle	C&S
Kreig Capella	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	Dave Curran	Sun	Jordan Crossgrave	C&S
Derick Adams	Fisher				

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	23.5	
102	0.0	18.4	
103	0.0	20.2	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Install footer forms
- Footers excavated by Sun and clean stone placed
- Footer forms installed by C&S
- Concrete footers poured by C&S

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/21/2022
Project Number: 2001642

Notes and Comments

- GEI Calibrated CAMP PIDs
- Sun covered spoils pile with new poly

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Sun Environmental excavating footers

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/21/2022
Project Number: 2001642



Photo 2: Sun Environmental dewatering footers



Photo 3: C&S pouring concrete footer parallel to Old 7th North Street

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/21/2022
Project Number: 2001642



Photo 4: Sun Environmental Placing stone in Footer



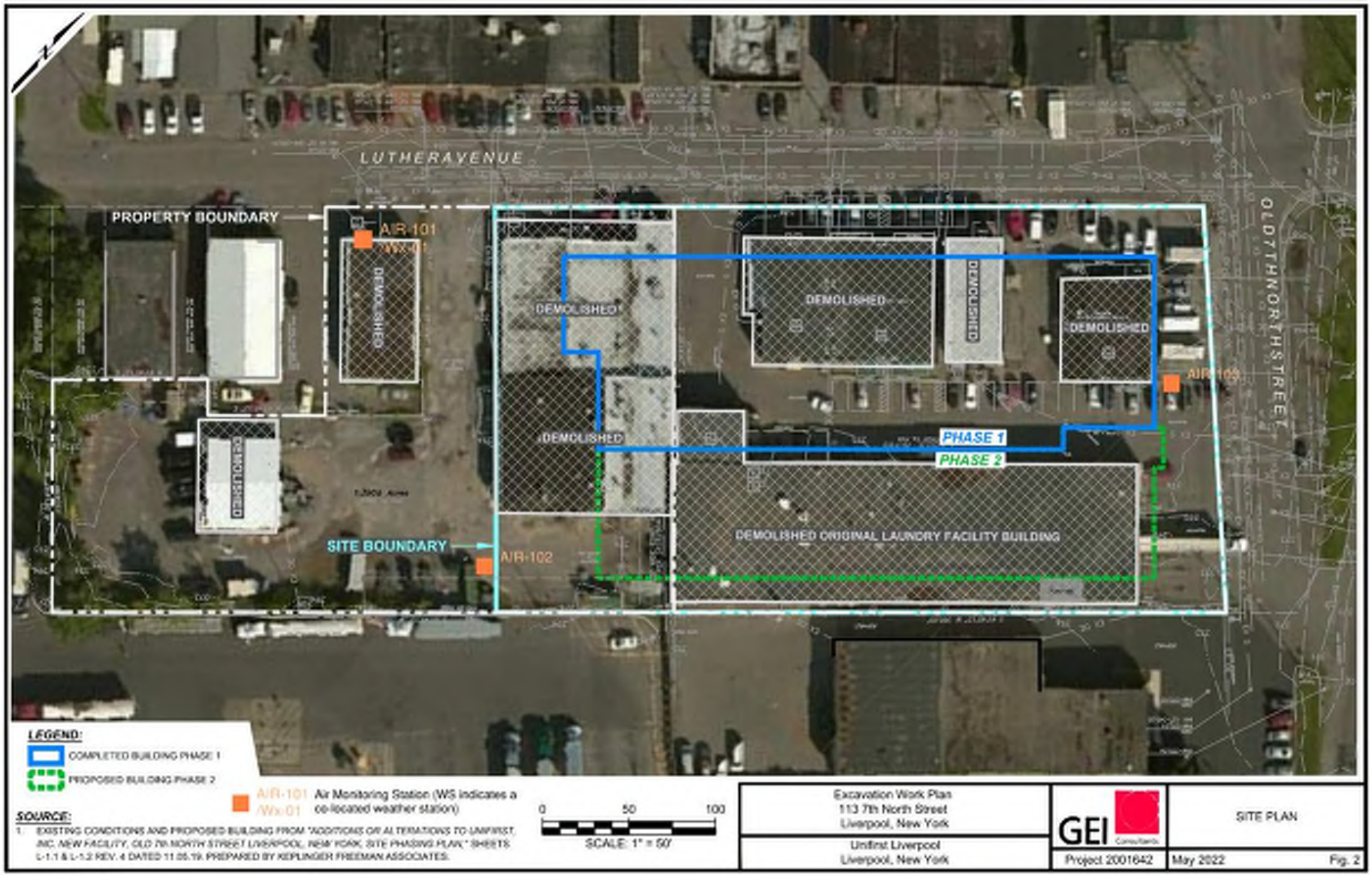
Photo 5: Excavated material stockpile covered with new poly

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/21/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	10/24/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 6
		GEI Proj. No.	2001642

Time of Arrival: 0700 **Time of Departure: 15:30**
Weather: 50-68°F, cloudy in morning then clear skies rest of day

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Nevin Bradford/Hayden Hass (C&S, H&S rep)
- Tom Rotella (C&S, PM)
- Dave Taillie (C&S, Superintendent)
- Harland Spencer (Sun Environmental; note Dave Curran replaced him at 12:00)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.44	11.2	
102	1.14	13.3	
103	0.0	12.6	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- none

Materials Management

- Dewatered sump pit in elevator footing

Site Work

- Remove concrete form of northeastern footer wall
- Prep sump pit of elevator for form construction
- Personal air monitoring by Sun Environmental

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FIELD OBSERVATION REPORT

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Client:	UniFirst	**Page:**	2 of 6
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Notes and Comments

- GEI calibrated CAMP PIDs

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. NE Footer wall, form removed

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2. Dewatering in sump pit of elevator

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3. Delivery of third frac tank on site

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Client:	UniFirst	**Page:**	5 of 6
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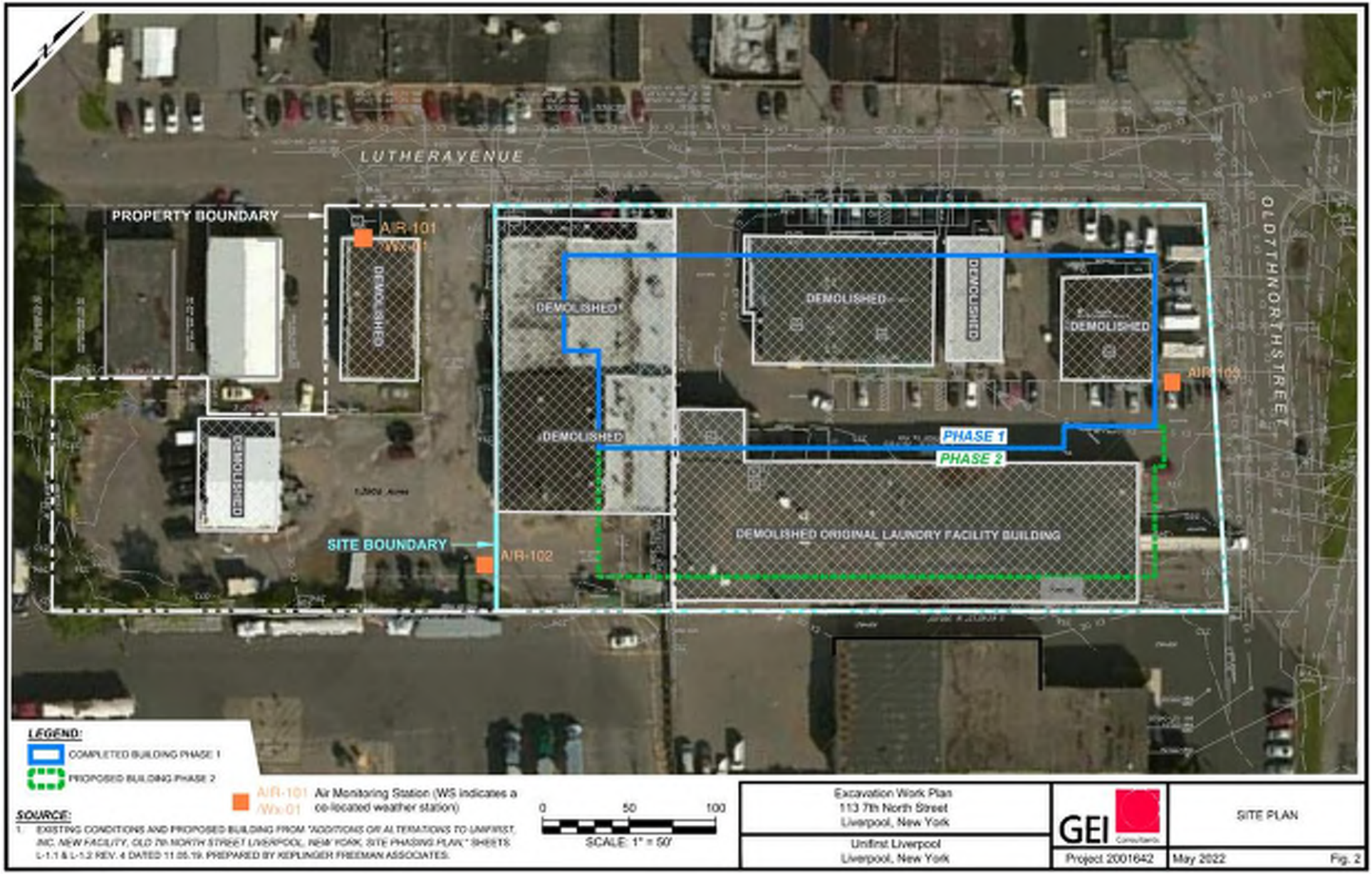


4. End of day site photo, looking south to north

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FIELD OBSERVATION REPORT

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FIELD OBSERVATION REPORT

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Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 8
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Time of Arrival: 06:30 **Time of Departure: 16:45**
Weather: 50-70 F, clear

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Tom Rotella (C&S, PM)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 3 others on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.87	20.8	
102	9.58	12.5	See daily CAMP report
103	0.01	22	

Analytical Sampling

- none

Materials Management

- Loadout of stockpiled soils for trucking to Seneca Meadows by TJ Allen. 9 truckloads total today.
- Dewatering of 6 of the 12 total pits (previously excavated) along the site boundary in the northeast (starting with the northern-most pit).

Site Work

- Work on constructing elevator wall form continues
- Pile cap forms constructed adjacent to eastern pits
- Backfilling around NE footer wall, and adding insulation
- Removing forms on pile caps previously poured in central area

Notes and Comments

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- GEI calibrated CAMP PIDs
- AIR-102 had high alarm starting around 5:30 AM. When on site at 6:30, I observed a reading of 7.7 ppm. Observed truck activity in the Pilot station adjacent to the site here, and wind was coming out of the east.

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Loading trucks for transportation and disposal.

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2. Truck decontamination station

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3. Dewatering of the second northern most pit on eastern site boundary (6 pits dewatered)

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4. Compaction of backfill by NE footer wall.

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Contractor:	C&S		
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5. Insulation of NE footer wall along with backfill nearing completion.



6. Elevator wall form and adjacent pile cap form.

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Contractor:	C&S		
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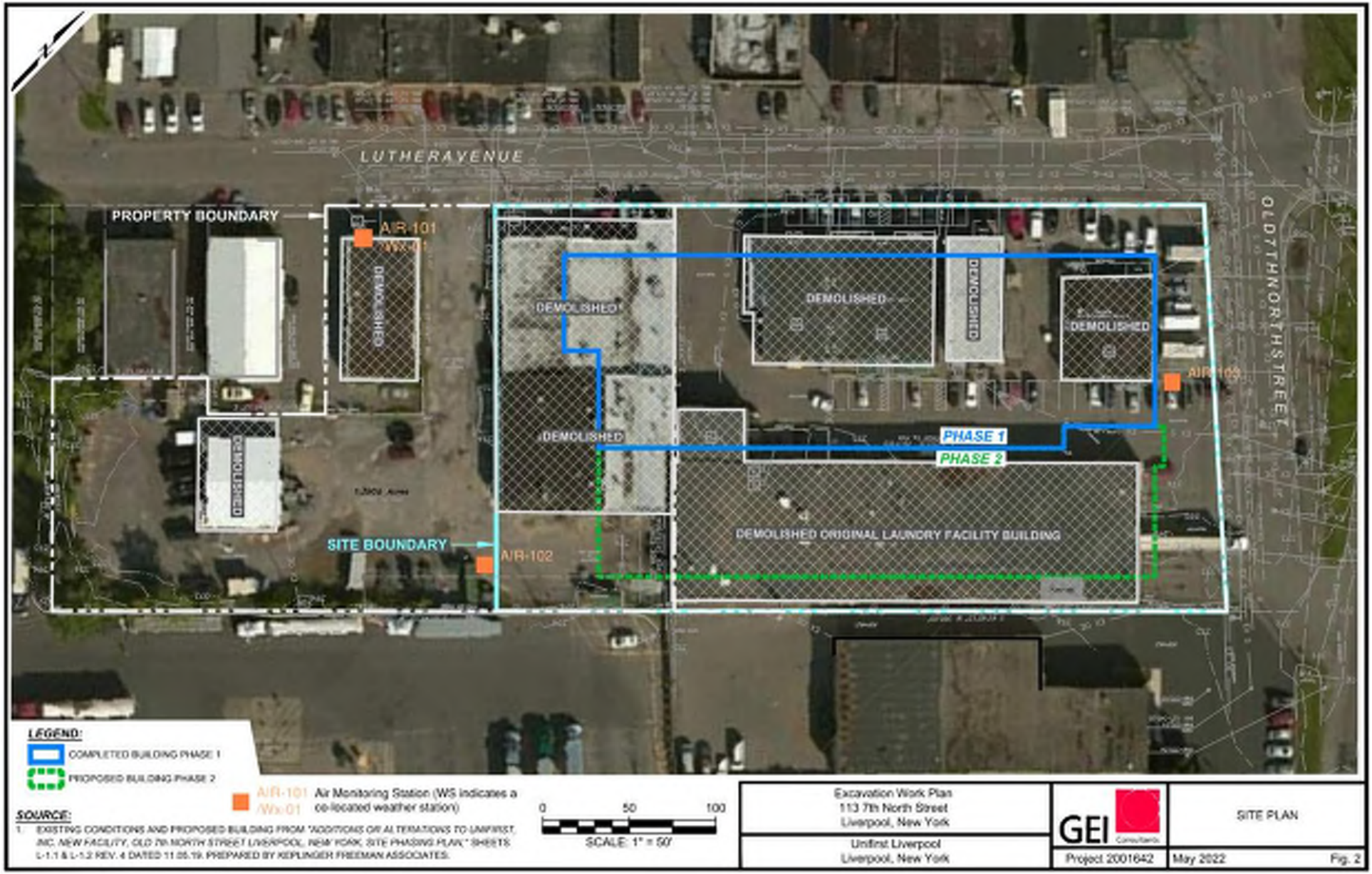


7. Pile cap forms built adjacent to dewatered pits (6 total, farthest form is in the pit already)

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Time of Arrival: 06:30 **Time of Departure: 17:00**
Weather: 60-75 F, partly cloudy to cloudy in afternoon.

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Tom Rotella (C&S, PM)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 3 others on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	2.25	14	
102	17.02	37.3	See daily CAMP report
103	0.39	21.8	

Analytical Sampling

- none

Materials Management

- Loadout of stockpiled soils for trucking to Seneca Meadows by TJ Allen. 13 truckloads total today.
- Dewatering of pits along the site boundary in the east (starting with the northern-most pit). Emptying into frac tanks.

Site Work

- Concrete pouring throughout the day – starting with elevator wall form, and poured pile cap forms constructed adjacent to eastern pits. Poured pile caps in central area as well. 4 pile caps poured today.
- Backfilling and compacting around NE footer wall continued. Additionally in this area a ramp was constructed using backfill soil over the wall (for future site access from the north)

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- Removing forms on pile caps previously poured in central area

Notes and Comments

- GEI calibrated CAMP PIDs

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

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Photos



1. Loading soil into trucks and decontaminating



2. Dewatering east pits and continued work on pit pile cap forms

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3. Pouring concrete in elevator wall form



4. Pouring concrete in NE pit forms

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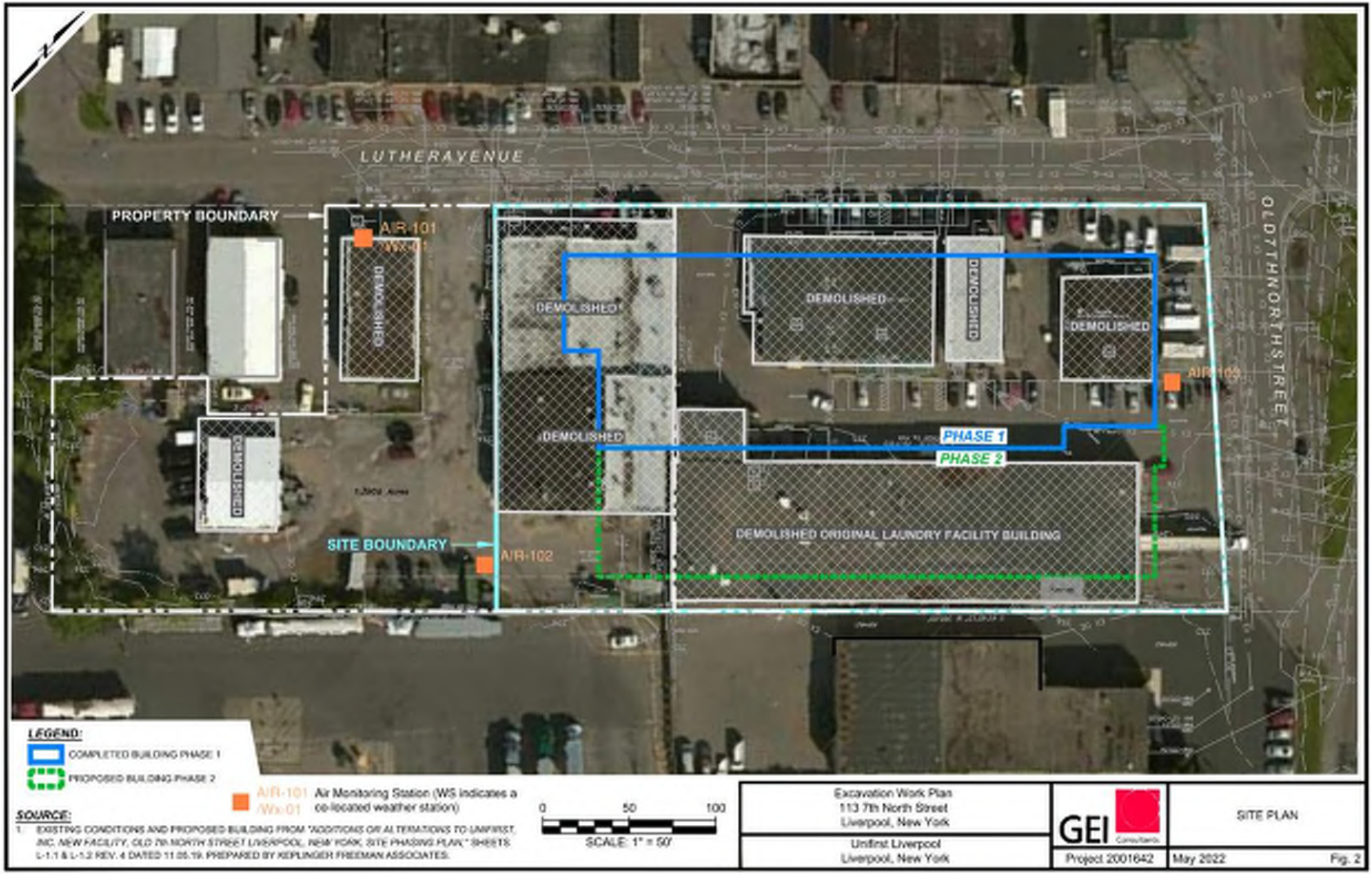


5. Ramp built over NE footer wall for site access

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Time of Arrival: 06:30 **Time of Departure: 16:00**
Weather: 50 F, cloudy, mist in morning

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Tom Rotella (C&S, PM)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 2 others on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	1.0	11	
102	3.0	12	
103	0.0	5	

Analytical Sampling

- none

Materials Management

- Loadout of stockpiled soils for trucking to Seneca Meadows by TJ Allen. 11 truckloads total today. The large stockpile is gone with last load; Sun tidies up the area and removes soil from excavator tracks.
- Dewatering of pits along the site boundary in the east (6 most southern, and large pit in SE). Emptying into frac tanks. Additional dewatering of decontamination station.

Site Work

- C&S works on removing the forms from concrete poured yesterday (elevator form, two pile caps in NE pits, and two in central area)
- Sun conducts personal air monitoring throughout the day
- C&S continues constructing pile cap forms for pits along the east

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- The two most NE pits, after forms are removed, are backfilled with crushed stone up to the level of the concrete pile cap. The elevator wall is backfilled around the outside and compacted
- Concrete arrives on site again, and C&S continues pouring in pile caps in the east pits

Notes and Comments

- GEI calibrated CAMP PIDs

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Loading trucks from soil stockpile in the South. Decontamination station pictured on the right.

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2. Removing form in NE pit pile cap, and personal air monitoring



3. Dewatering in the truck decontamination station

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4. Backfilling NE pit pile cap



5. Stockpile area after last truck offsite (and stockpile all transported)

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6. Pouring concrete in pit pile caps in east.

7. DESCRIPTION

8. DESCRIPTION

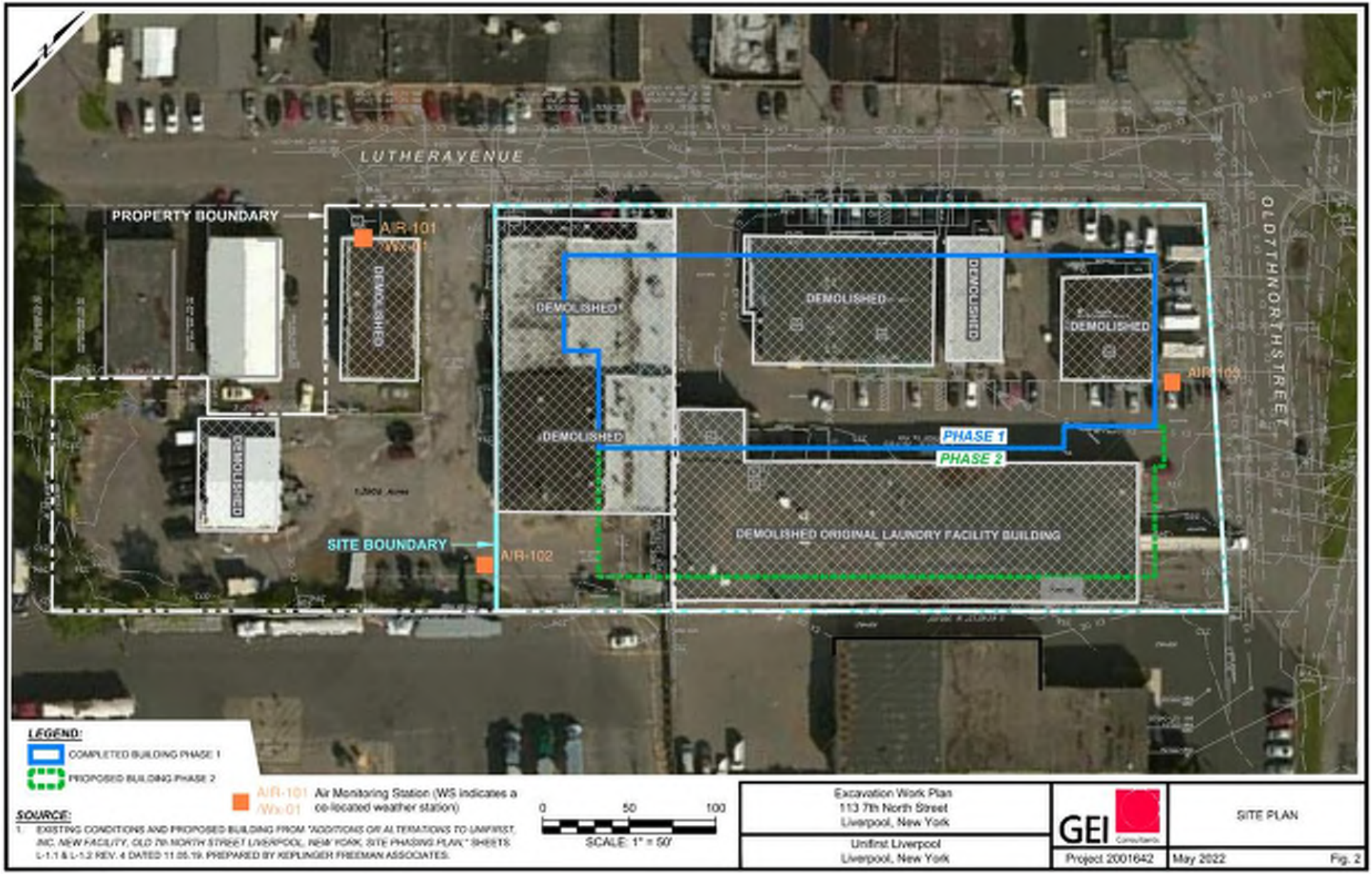
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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 6
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Time of Arrival: 07:00 **Time of Departure: 15:00**
Weather: 35 – 50 F, partly cloudy

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	1.0	35	
102	0.0	13	
103	0.0	10	

Analytical Sampling

- none

Materials Management

- Sun dewatering in the eastern pits
- Excavated bottom of 6 pits (~1.5 yards material per pit) and stockpiled this impacted soil in new pile in South staging area (on top of and covered by poly). Backfilled stone into these pits prior to adding pile cap form on top

Site Work

- Personal air monitoring conducted throughout the day
- C&S removing forms of pile caps already poured in pits in NE; also dropping pile cap forms into remaining pits (after excavation and backfill)
- Backfilling stone around concrete pile caps in NE (after forms removed)

Notes and Comments

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- GEI calibrated CAMP PIDs
- In excavated materials from pits, observed what appeared to be a viscous black liquid stuck on soil/stone (determined to be emulsified ZVI from treatment injection). Residual groundwater was still in pit when excavating, but minimal if any free liquid visually observed in the soil stockpile

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Looking S from NE, removing pile cap forms in pits, and dewatering around forms

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2. Excavating in pit; loader used to hold and then dump excavated material to stockpiling area

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3. example backfilled pit with stone after excavation

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4. From S looking N, pits excavated, all but one form in place

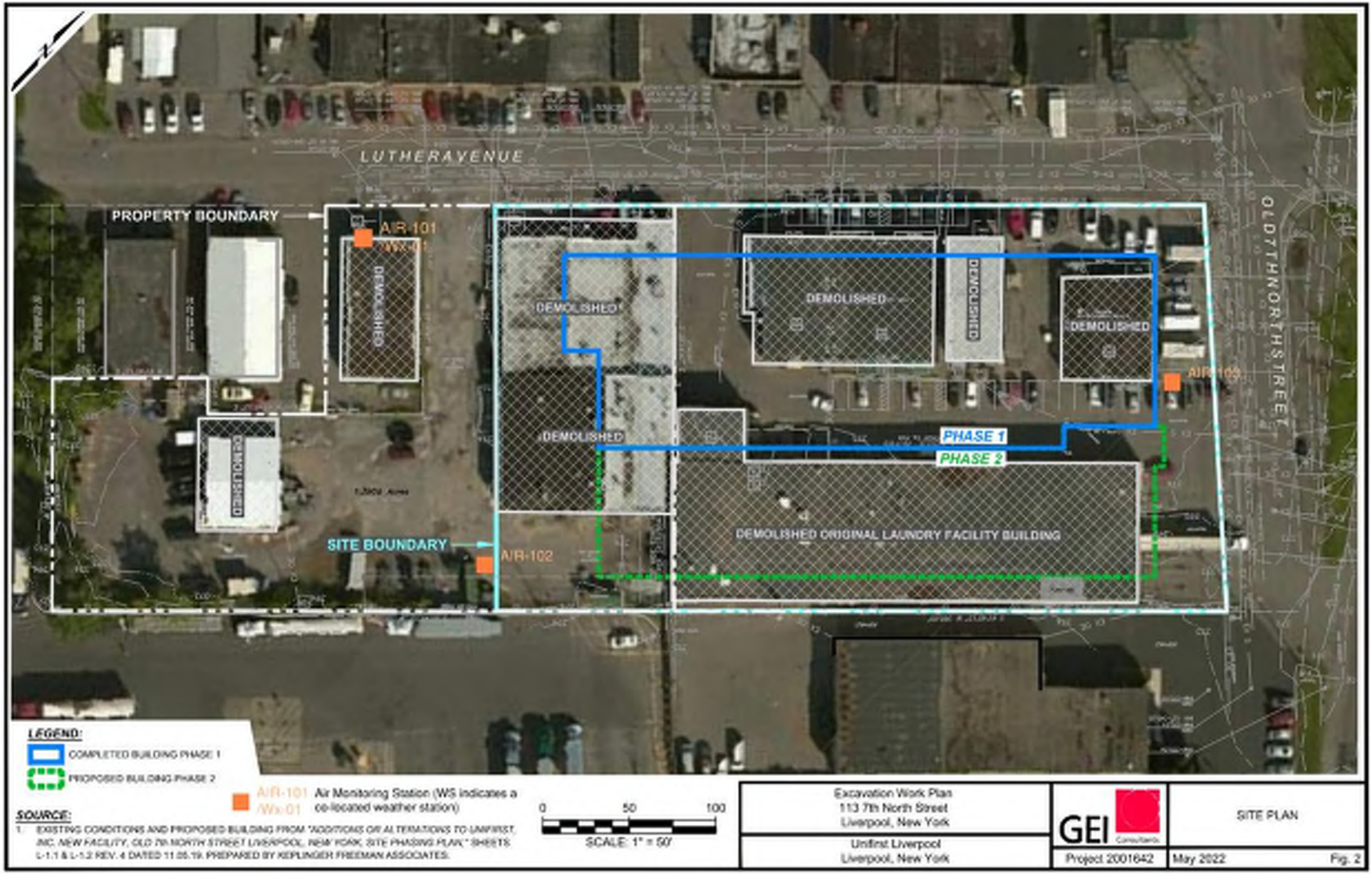


5. Impacted soil pile created from today's excavations. Lined with poly on bottom and covered.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/31/2022
Project Number: 2001642

Time of Arrival: 0815 **Time of Departure: 1600**
Weather: Cloudy in the morning, then mostly sunny

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Jordan Crossgrave	C&S	Robert Wilmott	C&S	Theodore Pringle	C&S
Nick Guzman	C&S	Chris Griffin	Sun	Dave Curran	C&S
Josh Kennedy	Warren-Ramie				

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.65	24.7	
102	0.0	32.5	
103	0.0	25.7	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Sun dewatered footer pits and performed air monitoring
- Install and brace footer forms for SE footer wall
- C&S tied and set rebar

Notes and Comments

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- GEI Calibrated CAMP PIDs
- Concrete poured for footers by C&S

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: C&S waterproofing elevator foundation

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/31/2022
Project Number: 2001642



Photo 2: Stockpile from previous excavation



Photo 3: Footer trench wall south end

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/31/2022
Project Number: 2001642



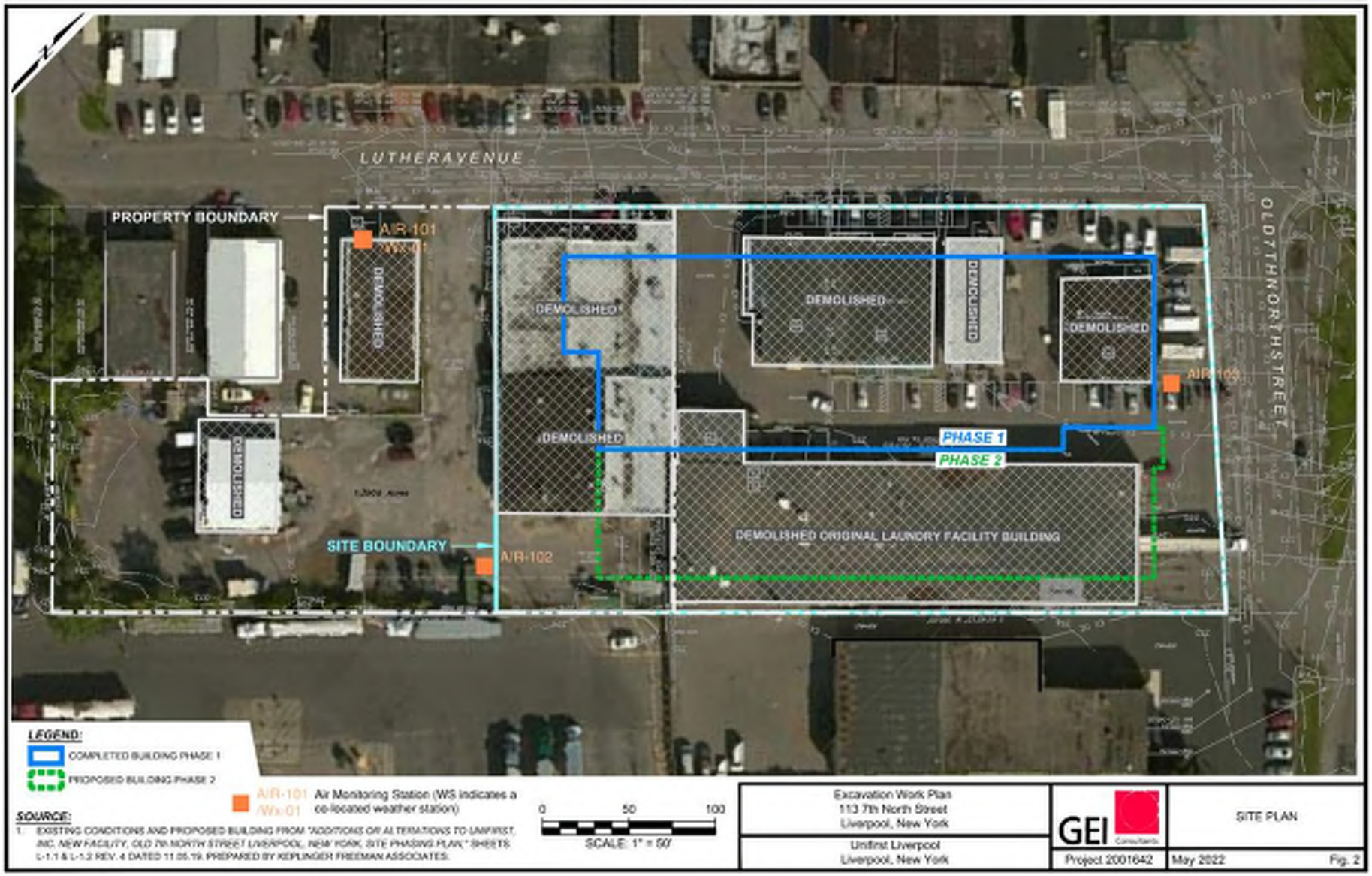
Photo 4: Site overview North to South

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 10/31/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/1/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1630**
Weather: Cloudy in the morning, then mostly sunny

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Connor Fisher	Fisher	Chad Y	C&S	Theodore Pringle	C&S
Greg Haskins	C&S	Nick Guzman	C&S	Brad Morgan	Fisher
Robert Wilmott	C&S	Dave Curran	Sun	Merik Hurlbis	Sun
Derick Adams	Fisher	Collin Mulherin	Fisher		

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.18	81.3	
102	2.56	84.7	
103	0.0	80.7	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Install and brace footer forms
- C&S Tie and place rebar
- Frac tank #4 delivered to site

Notes and Comments

- GEI Calibrated CAMP PIDs

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/1/2022
Project Number: 2001642

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift		

Photos



Photo 1: Footer pit dewatered by Sun Environmental

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/1/2022
Project Number: 2001642



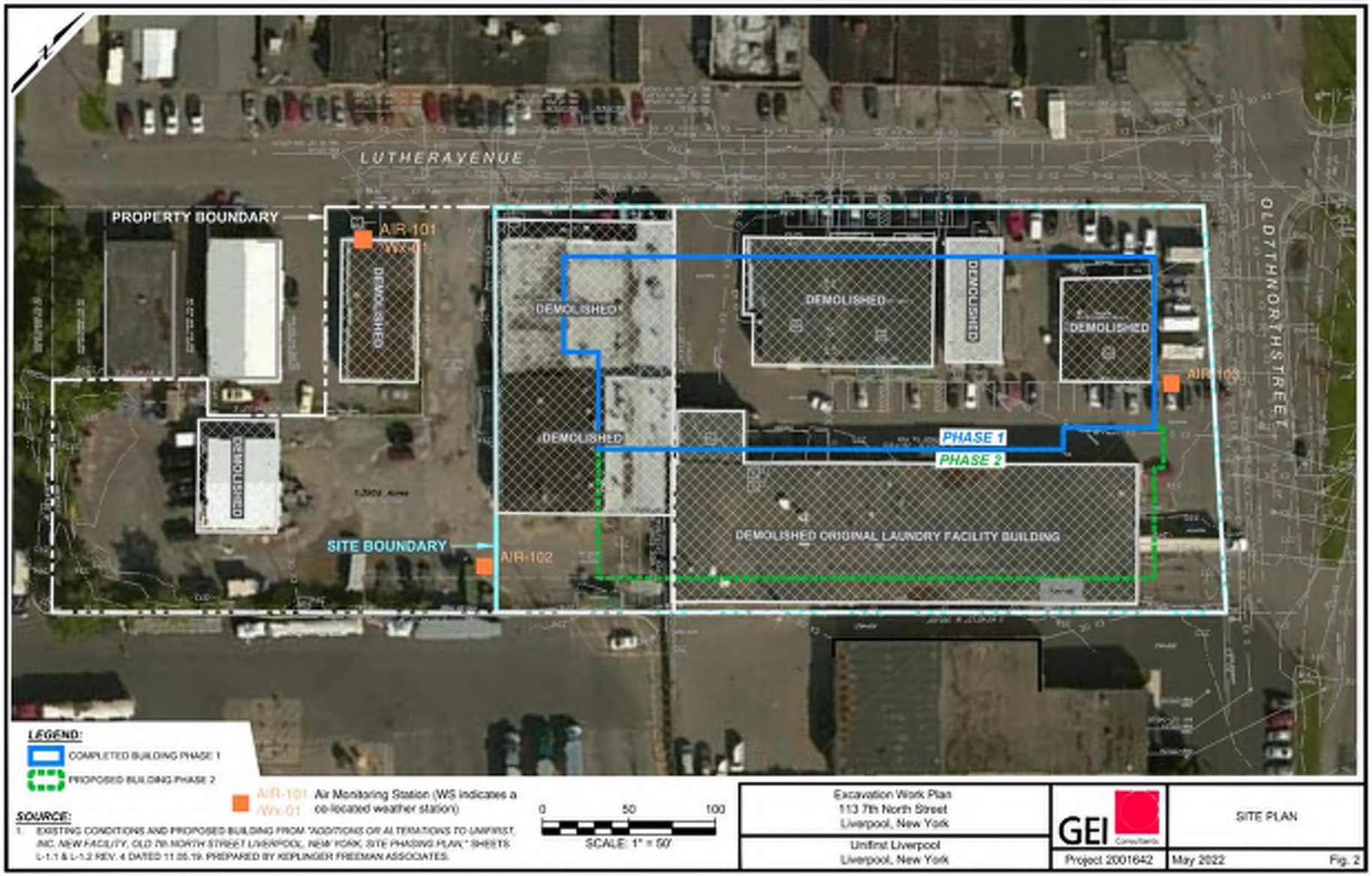
Photo 2: Footer forms for SE footer wall

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/1/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/3/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 6
		GEI Proj. No.	2001642

Time of Arrival: 07:00 **Time of Departure: 15:40**
Weather: 41 – 68 F, clear

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	3.0	64	
102	2.0	58	
103	1.0	51	

Analytical Sampling

- Sample taken from small impacted soil stockpile (approx. 40 ton pile just north of large stockpile in staging area; not suitable for Seneca Meadows disposal) sent to Alpha Analytical Labs for TCLP lead analysis

Materials Management

- Stockpiling impacted soil from deep pit excavations (southern site boundary) in the staging area
- Dewatering in both newly excavated deep pits along with dewatering around previously poured pile caps in east

Site Work

- C&S building forms for pile caps and also for wall on top of pile caps in northeast corner/east of site
- Fisher and Sun excavating deep pits in south of site (southern building boundary), and backfilling clean stone in bottom of pits and around pile caps

Notes and Comments

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- GEI calibrated CAMP PIDs

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Continuing excavation of deep pits in south of building boundary.

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2. Stockpiling excavated soil in staging area.



3. Cutting piles to height in deep pits

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4. Dewatering in pits



5. East wall form

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FIELD OBSERVATION REPORT

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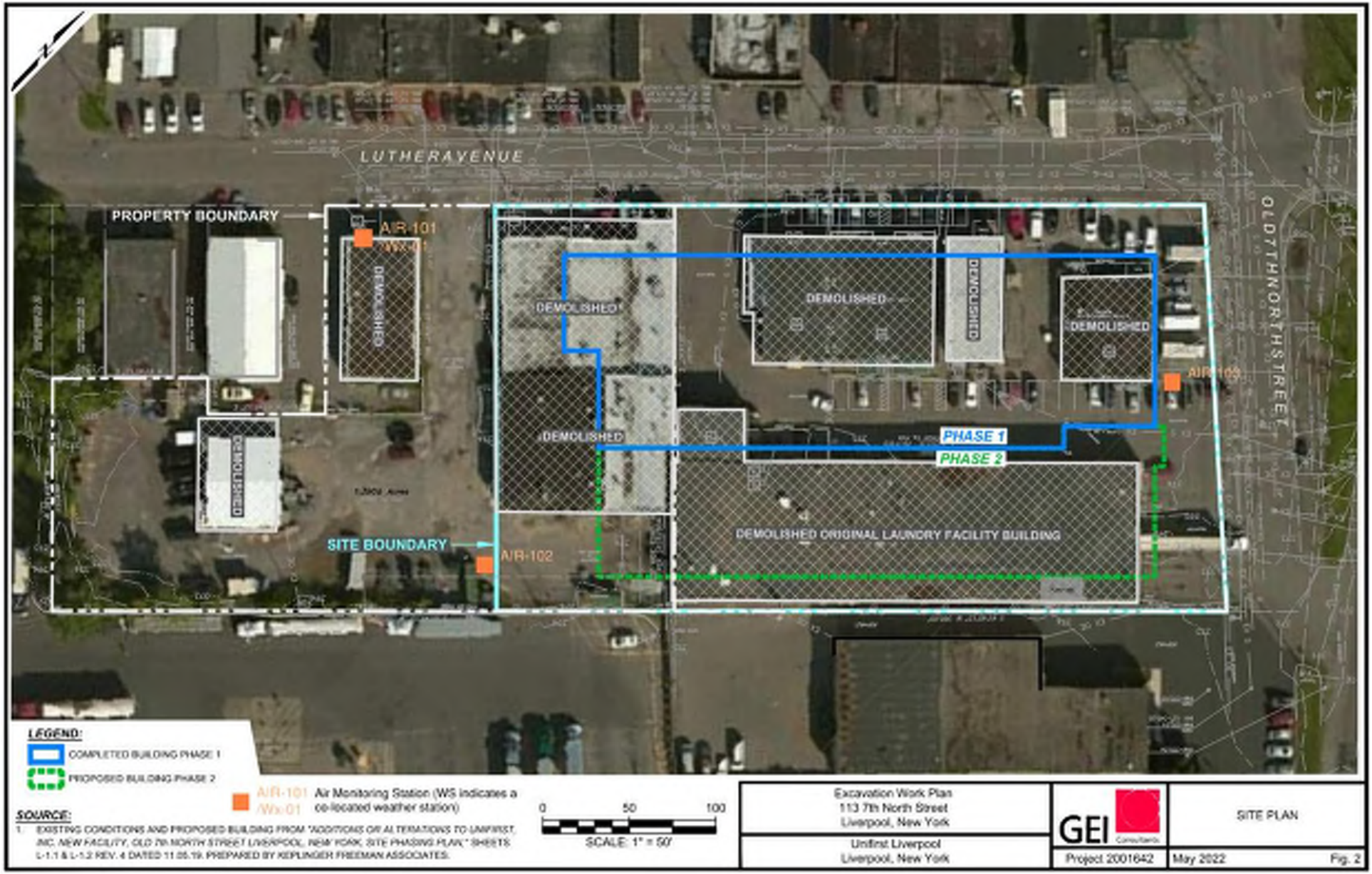


6. Backfilling around pit pile caps in E

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 5
		GEI Proj. No.	2001642

Time of Arrival: 07:00 **Time of Departure: 15:30**
Weather: 50-70 F, clear

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	108	
102	0.0	17	
103	0.0	13	

Analytical Sampling

- none

Materials Management

- Stockpiling soil removed from deep pit excavation (southern building boundary) in the staging area (cleaned up material that had sloughed in from sides of excavation overnight)
- Dewatering in deep pits and in piles in the southern building boundary area

Site Work

- Backfilling stone into deep pits, and subsequent placement of pile cap forms in the pits/centering and reinforcement of forms
- Surveyors on site to assist with alignment of forms
- Concrete poured for the wall form in the E/NE of the building area
- Personal air monitoring conducted throughout the day

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/4/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	2 of 5
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Notes and Comments

- GEI calibrated CAMP PIDs

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Excavating slough material from deep pits in south of building area

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Contractor:	C&S		
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2. Placing forms in deep pits



3. Dewatering in deep pits/forms/piles

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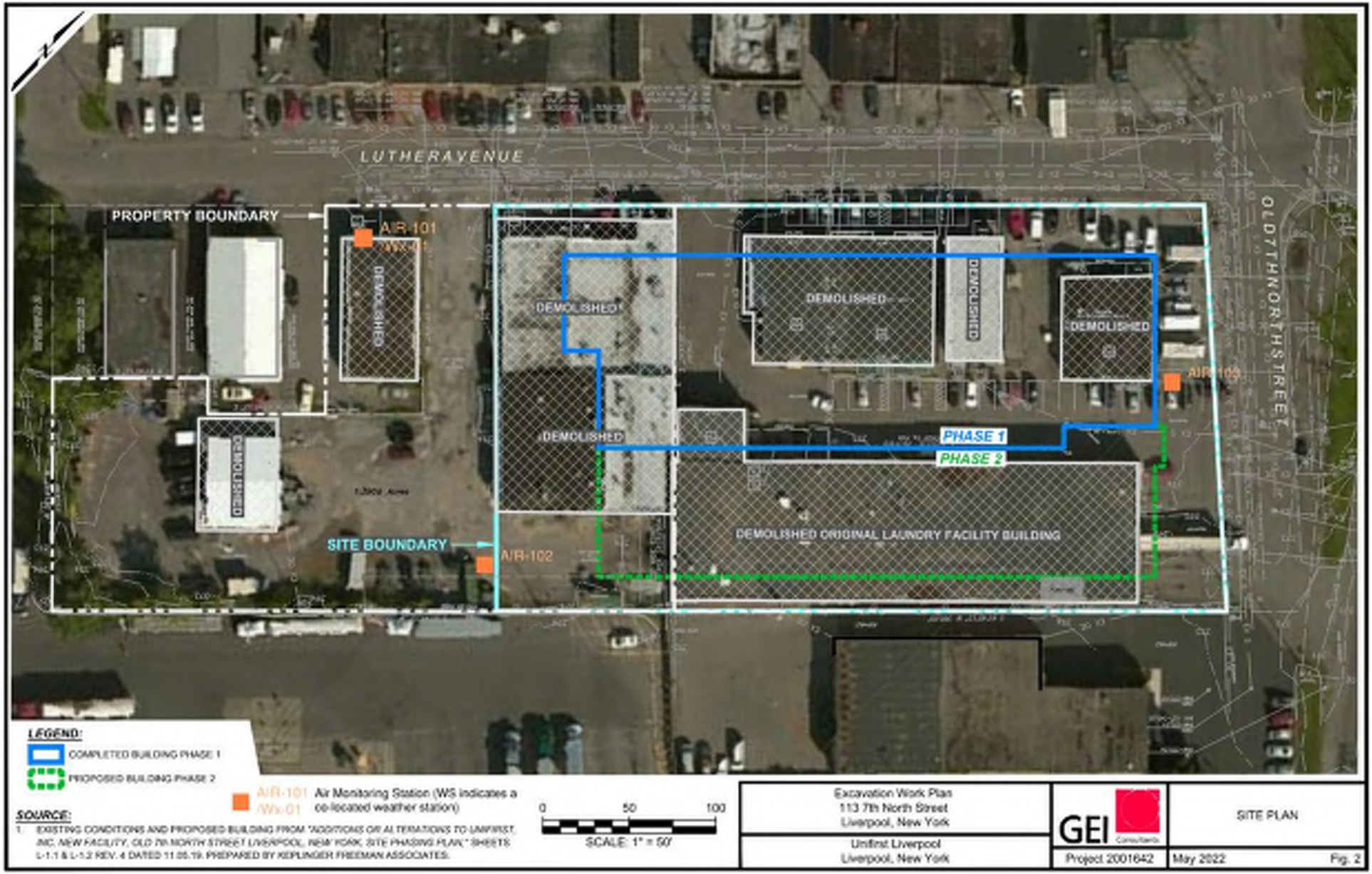


4. Pouring concrete in wall form

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Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 5
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Time of Arrival: 07:00 **Time of Departure:** 15:30
Weather: 57 – 62 F, clear

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	1.0	25	
102	6.0	10	
103	0.0	12	

Analytical Sampling

- none

Materials Management

- Dewatering in deep pits in the southern building boundary area
- Secured poly covering stockpile in staging area

Site Work

- C&S removing form from wall in E/NE
- Masons on site, constructing scaffolding around elevator pit
- Sun conducted personal air monitoring throughout the day

Notes and Comments

- GEI calibrated CAMP PIDs

Major Equipment On-Site

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1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Dewatering in deep pit forms (south building area)

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2. Deep pit/pile cap form (in south building area) filled with water from rain/recharge



3. Form removal on E/NE wall, and building scaffolding around elevator

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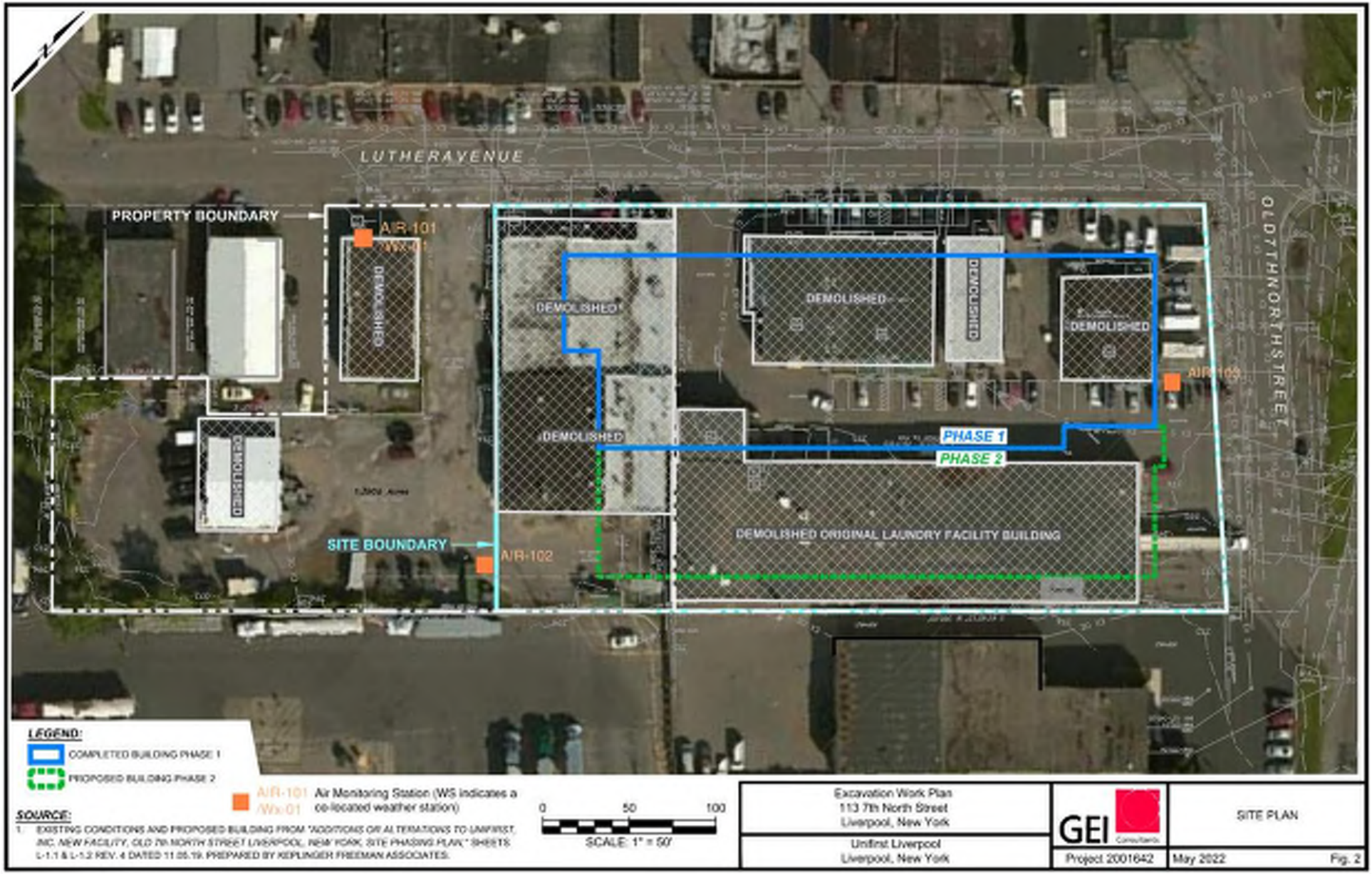


4. Laying rebar for continuation of wall in E, and scaffolding continuing to be built around elevator shaft (central portion of photo in distance)

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Contractor:	C&S		
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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/8/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 5
		GEI Proj. No.	2001642

Time of Arrival: 07:00 **Time of Departure:** 15:30
Weather: 40 – 46 F, clear

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0	8	
102	0	44	
103	0	6	

Analytical Sampling

- none

Materials Management

- Sun dewatering in pile cap forms of deep pits in southern building area
- Sun pumping out of frac tanks for offsite disposal (frac tank 1 in NE of site by 7th North St., and frac tank 2 by office trailer/Luther Ave.)

Site Work

- C&S continuing work on east wall of building on top of pit pile caps, working their way south – building forms
- Masons on site continuing work on elevator pit; began laying cinderblocks for elevator shaft

Notes and Comments

- GEI calibrated CAMP PIDs

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	2 of 5
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Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Dewatering south building area pits

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FIELD OBSERVATION REPORT

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	3 of 5
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2. Pumping out frac tank



3. Work on E wall – building form further south (closer in picture) and backfilling further north (back of picture)

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FIELD OBSERVATION REPORT

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	4 of 5
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4. Building elevator shaft

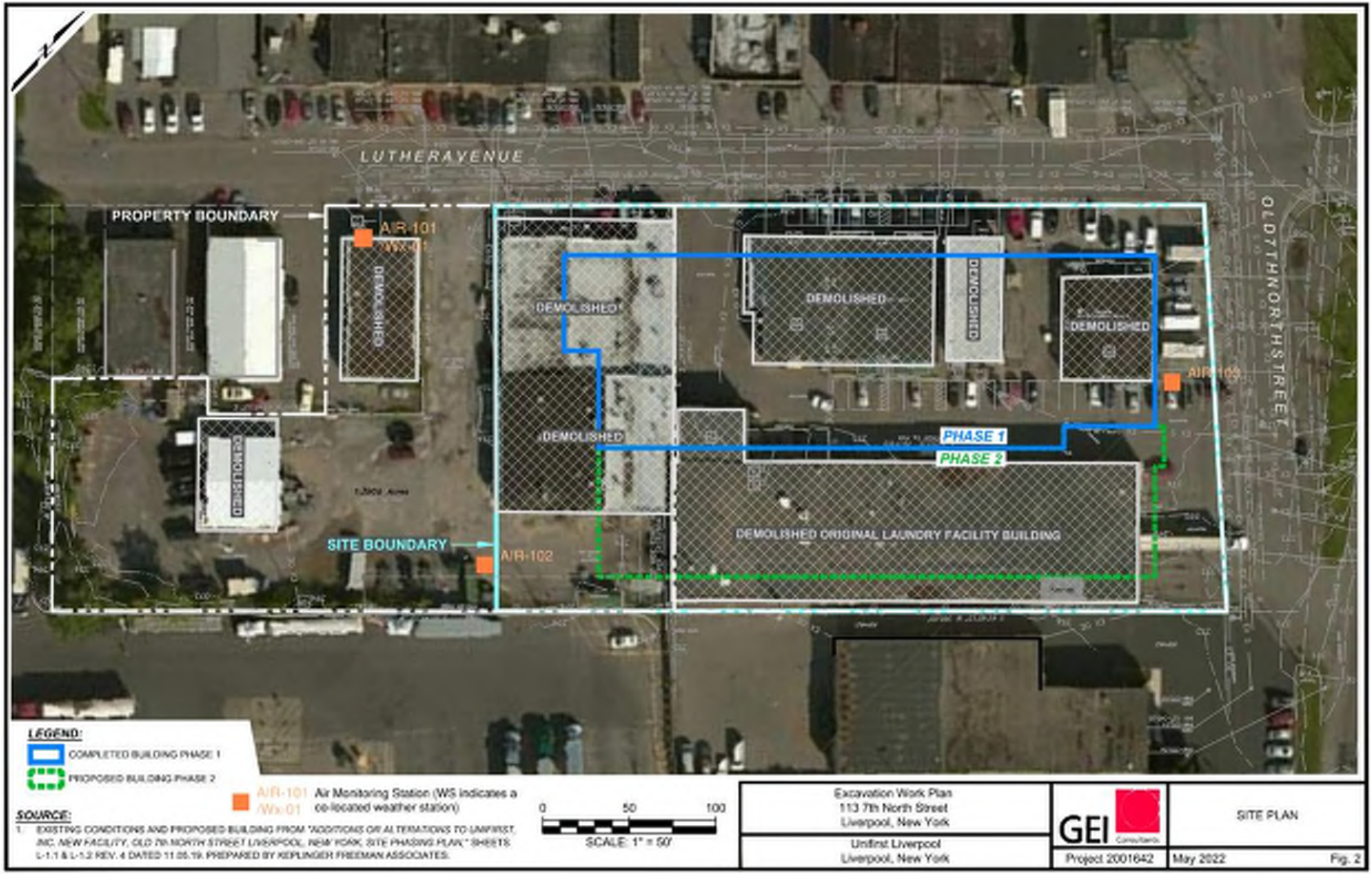


5. Looking S to N at end of day

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FIELD OBSERVATION REPORT

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 4
		GEI Proj. No.	2001642

Time of Arrival: 07:00 **Time of Departure:** 15:30
Weather: 30 – 58 F, clear

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	1	10	
102	1	11	
103	1	56	

Analytical Sampling

- none

Materials Management

- Sun dewatering in pile cap forms of deep pits in southern building area

Site Work

- C&S continuing work on east wall of building on top of pit pile caps, working their way south – building forms
- Masons on site continuing work on elevator pit; began laying cinderblocks for shaft
- C&S pouring concrete in the five deep forms (south building area)

Notes and Comments

- GEI calibrated CAMP PIDs

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FIELD OBSERVATION REPORT

Project: UniFirst - Liverpool
Field Date: 11/9/22

Env. Engineer: GEI Consultants Inc., P.C.
Contractor: C&S
Client: UniFirst

GEI Proj. No. 2001642

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Start of day – continuing elevator shaft & E wall work

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FIELD OBSERVATION REPORT

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
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2. Sun dewatering prior to pouring concrete

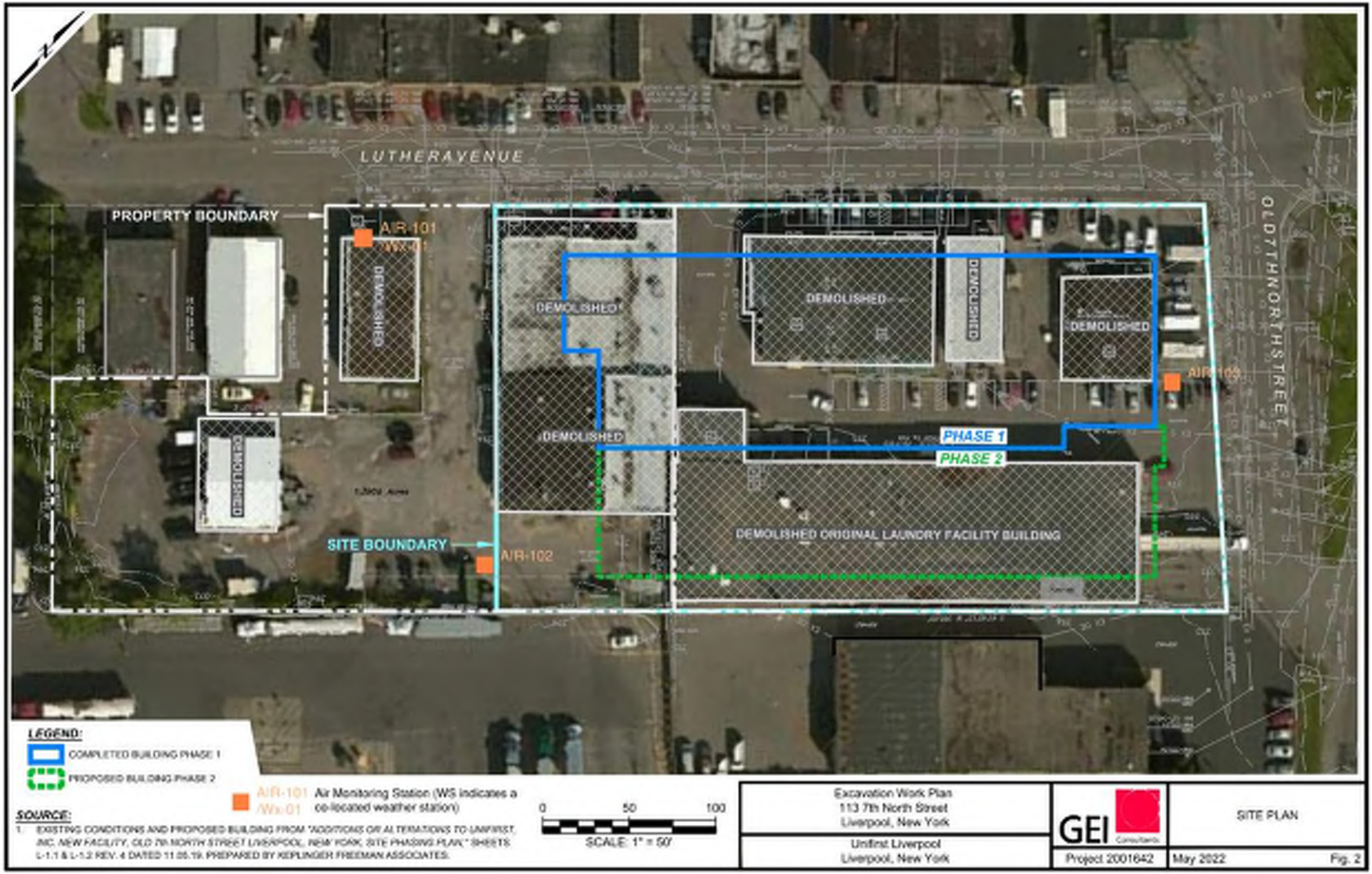


3. Concrete pour begins in forms of south building area; Sun continues dewatering

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/9/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	4 of 4
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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/10/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 7
		GEI Proj. No.	2001642

Time of Arrival: 07:00 **Time of Departure:** 15:30
Weather: 46 – 67 F, clear

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0	11	
102	0	15	
103	0	35	

Analytical Sampling

- none

Materials Management

- Sun dewatering around pile cap forms of deep pits in southern building area
- Sun continues emptying frac tank #2 by Luther Ave. Planned to begin frac tank #3 (between office trailer and south building area) but truck had mechanical issues

Site Work

- C&S removes forms on the five pile caps in the deep pits of south building area
- To remove one form (the pile cap most west in the southern building area), Fisher had to excavate sloughed material. The soil was kept within the pit.
- Masons continue construction of the elevator shaft
- Sun conducts personal air monitoring
- Fisher backfills around the five pile caps with clean stone
- Fisher begins excavating the shallower soil left in place between the pits (the wall of adjacent deep pits) to create the trench for the wall. They begin with the soil

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between the last shallow pit and first deep pit in the SE and end with that today
- Excavated material is added to the large stockpile from the deep pit excavations and covered

Notes and Comments

- GEI calibrated CAMP PIDs

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)

Photos



1. Dewatering in south building area pits prior to form removal

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2. Removing forms in south building area caps



3. Excavating sloughed material to remove form (soil kept in the pit)

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4. Backfilling around pile caps in south building area



5. Emptying frac tank #2 by Luther Ave.

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6. Excavating in SE area, between last shallow pile cap and first deep pile cap. Backfilled with stone as well.



7. Soil excavated today, stockpiled in staging area with previous pile (covered after)

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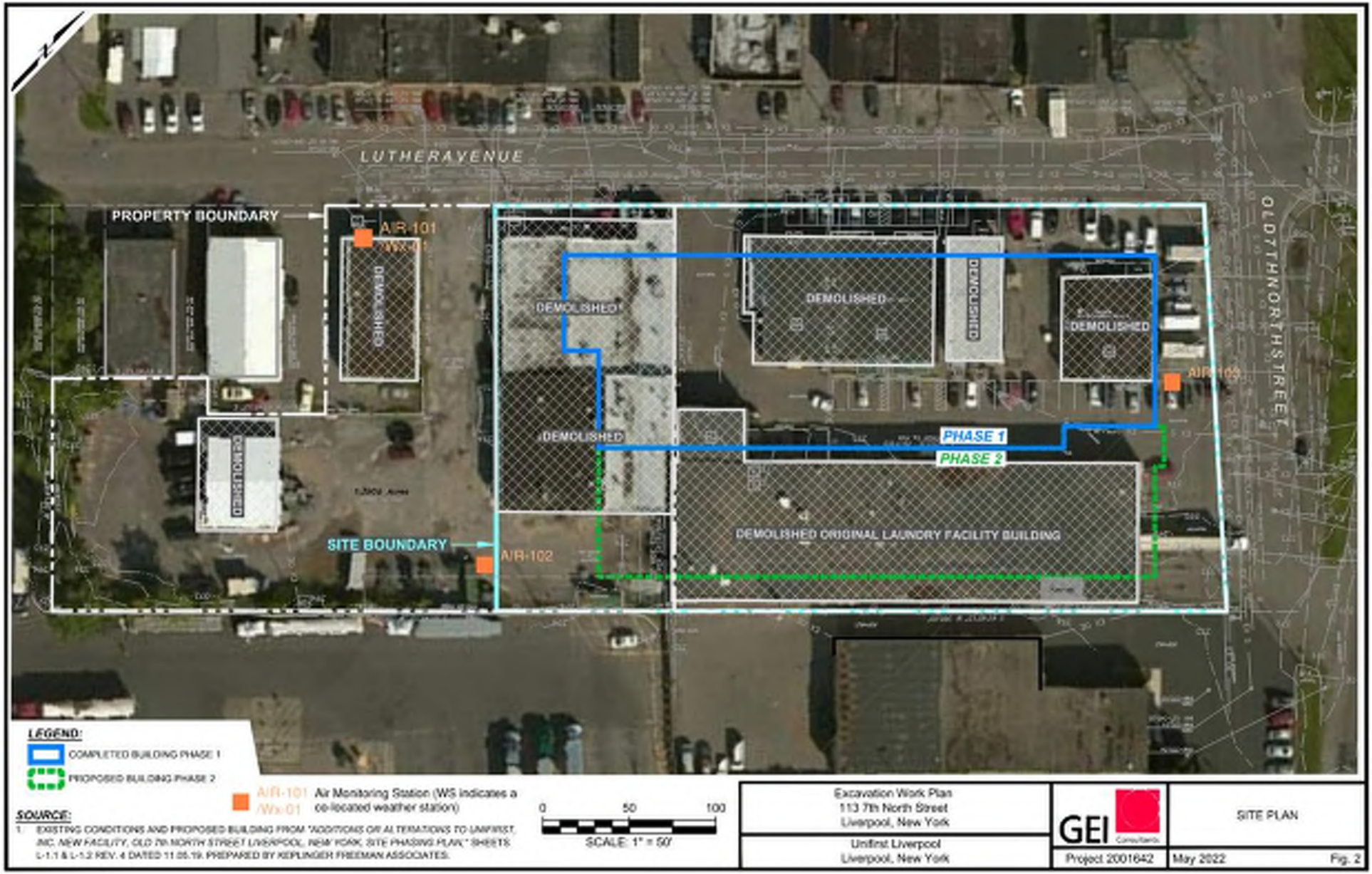


8. Elevator shaft work

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Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 6
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Time of Arrival: 07:00 **Time of Departure:** 13:00
Weather: 55 – 65 F, cloudy, rain in afternoon

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	1.0	18	
102	0.0	20	
103	1.0	167	Dust 10:15 AM from scaffolding - resolved

Analytical Sampling

- none

Materials Management

- stockpiling of excavated material from the south building area (added to existing large stockpile in staging area of soil from the same area)
- Large metal debris from the same excavation was added to the scrap container (after removing soil)

Site Work

- Masons on site – finish elevator shaft and then deconstruct the scaffolding
- C&S generally tidying up and cleaning up the site prior to new (8 foot) forms being delivered
- Fisher continues excavation in the south building area, excavating soil between pile caps down to grade for the wall form, and backfilling with clean stone
- Mini excavator delivered to site – Kubota KX71-3
- C&S poured concrete for the next section of the east wall

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FIELD OBSERVATION REPORT

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Env. Engineer:	GEI Consultants Inc., P.C.		
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		GEI Proj. No.	2001642

Notes and Comments

- GEI calibrated CAMP PIDs

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)
1	Kubota KX71-3		

Photos



1. Excavating in south building area, between pile caps, and backfilling clean stone

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/11/22
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Contractor:	C&S		
Client:	UniFirst	**Page:**	3 of 6
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2. Completed excavation and backfill in south building area



3. Forms delivered on site

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4. stockpile covered for weekend prior to rainstorm



5. Elevator shaft complete and scaffolding deconstructed

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FIELD OBSERVATION REPORT

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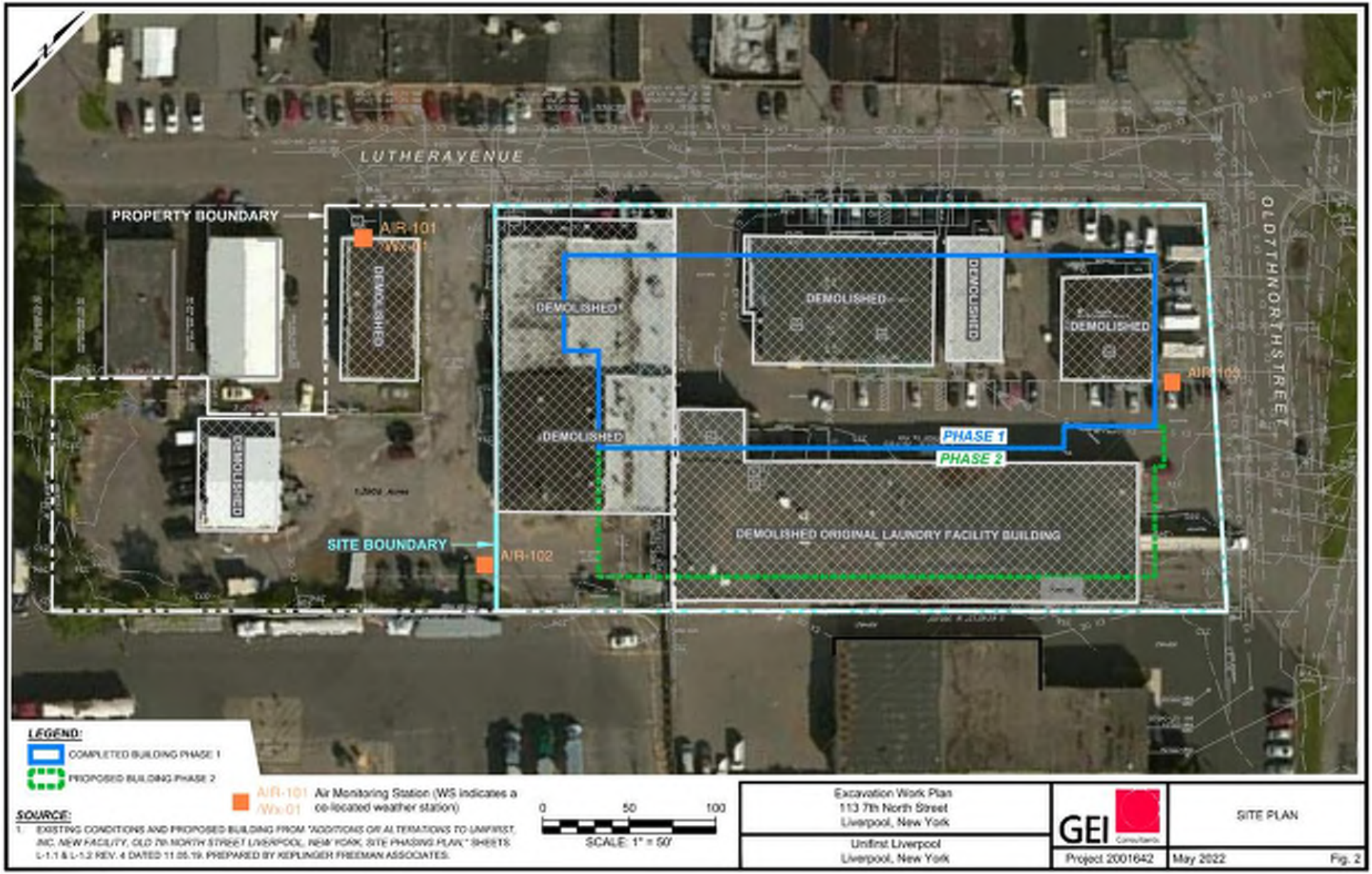


6. Pouring concrete for E wall section

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FIELD OBSERVATION REPORT

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Contractor:	C&S		
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Time of Arrival: 07:00 **Time of Departure:** 15:30
Weather: 34-39 F, cloudy, light snow throughout the day

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	1.0	3	
102	0.0	32	
103	0.0	5	103 readings only between 10:45 and 17:15 (solar battery issues); between 07:00 and 10:45 manual readings were 0.0 for TVOC

Analytical Sampling

- none

Materials Management

- Sun dewatering in the trench spanning the south building wall and east building wall area (rainstorm over the weekend; approximately 2-3 feet of water in the trench)
- Sun emptying and trucking water out of frac tanks

Site Work

- C&S taking down bracing and forms for the east building wall concrete section poured on 11/11/22
- Continuing construction of next section of east building wall by laying rebar

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Notes and Comments

- GEI calibrated CAMP PIDs
- Air 103 was not communicating with the data server until 10:45 (solar battery had died over weekend and needed to charge); in this time, manual measurements of VOC were taken and never exceeded 0.0

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)
1	Kubota KX71-3	1	Kubota SVL 75-2

Photos



1. Dewatering (view of SE building corner)

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2. Looking north, from southeast building corner



3. Forms taken down on E wall section (looking S)

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4. Adding rebar to next E wall section

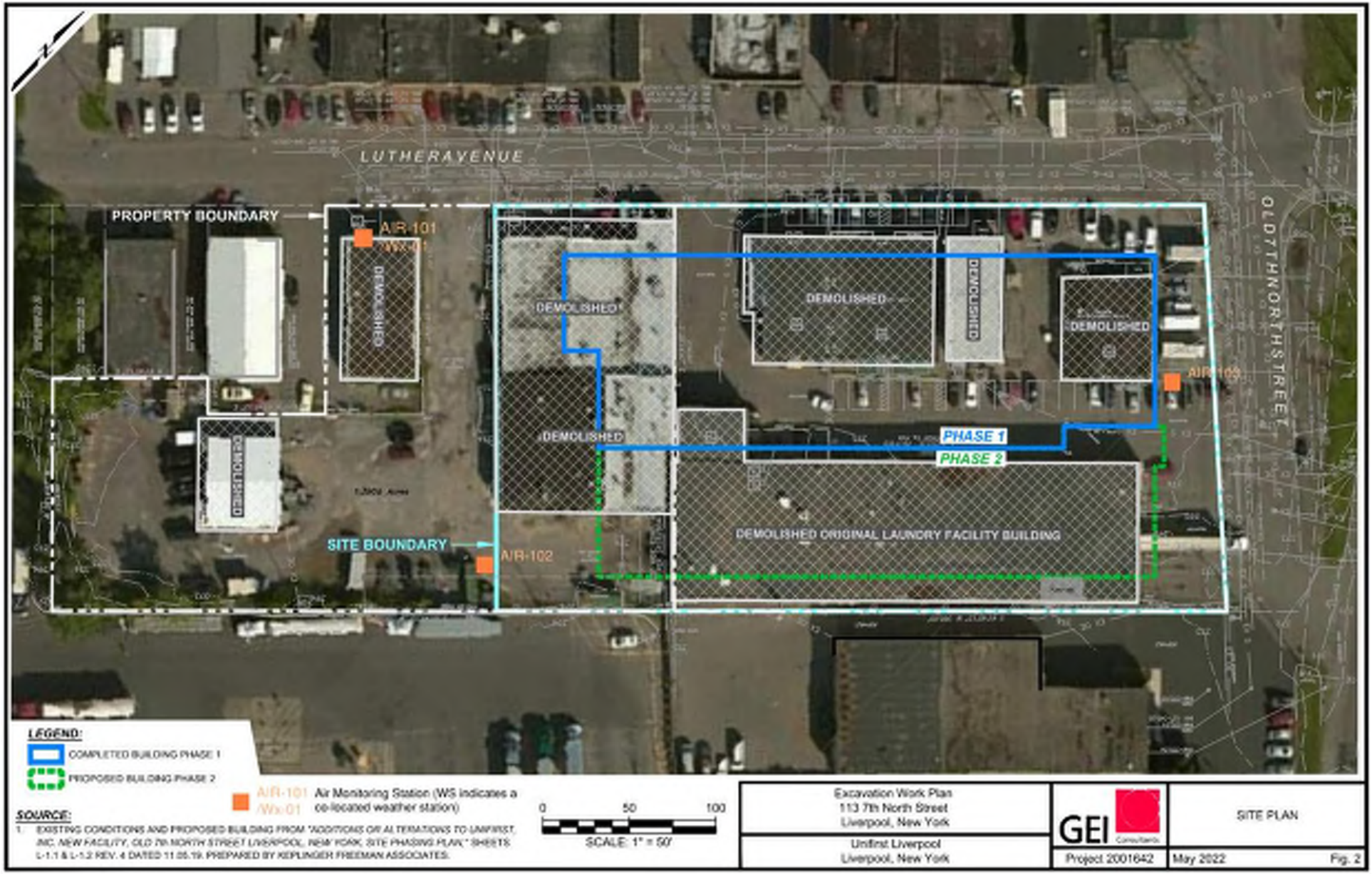


5. Sun emptying frac tank by site gate

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 5
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Time of Arrival: 07:00 **Time of Departure:** 15:30
Weather: 32 – 40 F, cloudy

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental, 1 other on site for Sun as well)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0	10	Offline until 08:15, manual measurements meanwhile all under action level
102	0	6	
103	0	6	Offline until 09:00, manual measurements meanwhile all under action level

Analytical Sampling

- none

Materials Management

- Sun dewatering in the trench spanning the south building wall and east building wall area

Site Work

- C&S prepping and constructing forms for wall in south building area
- Forms covered with tarp at end of day in case of rain, and sump pumps placed in corners by the forms to pump into frac tank overnight
- Sun conducted personal air monitoring throughout the day

Notes and Comments

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- GEI calibrated CAMP PIDs
- Air 101 and 103 were not communicating with the data server until 08:15 and 09:00, respectively (appeared that the solar battery had died); in this time, manual measurements of VOC were taken and did not exceed action levels

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)
1	Kubota KX71-3	1	Kubota SVL 75-2

Photos



1. Sun dewatering by east wall

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2. Prepping forms in south building area



3. Continued form construction

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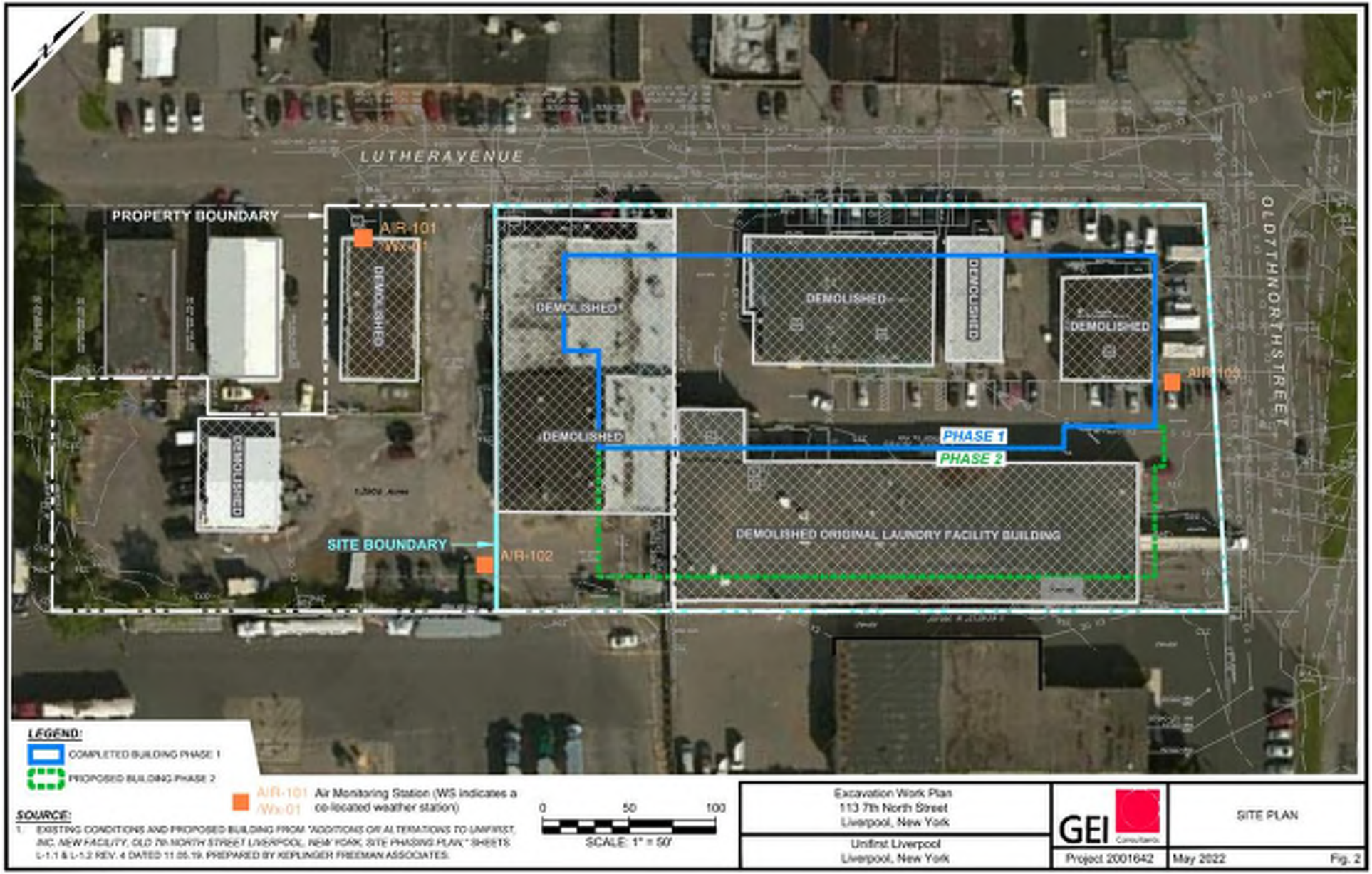


4. Forms covered with tarp and sump pumps placed in pit for overnight dewatering

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 6
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Time of Arrival: 06:30 **Time of Departure:** 16:00
Weather: 32 – 44 F, wintry mix in AM, cloudy throughout the day

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental)
- Dave Brown (W&A)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	3.0	29	See notes
102	0.0	31	See notes
103	0.0	30	See notes

Analytical Sampling

- none

Materials Management

- Sump pumps still in place dewatering in the trench spanning the south building wall and east building wall area
- Six trucks loaded today from the major stockpile in the staging area for transportation and disposal of soil (to Seneca Meadows)
- Stockpiling of material excavated by W&A (added to the major stockpile, approximately 10 cubic yards of soil)

Site Work

- C&S continue prepping and constructing forms for wall in south building area – finish the deep (8') forms and work their way back north along the east section to the shallow (4') section
- Forms covered with tarp at end of day in case of rain, and sump pumps left in

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corners by the forms to pump into frac tank overnight
- Sun conducted personal air monitoring throughout the day
- W&A on site – dig trench (~2' depth and width) around the elevator shaft in the north of the site for plumbing; add pipe and backfill along the excavation as they go

Notes and Comments

- GEI calibrated CAMP PIDs
- CAMP PIDs 101, 102, and 103 were not communicating with the data server until 08:40, 09:00, and 09:00, respectively (continued issue of solar battery life due to recent weather); in this time, manual measurements of VOC were taken and did not exceed action levels

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)
1	Kubota KX71-3	1	Kubota SVL 75-2

Photos



1. Loading trucks

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2. Washing trucks



3. Continued wall form work in south/east building area

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4. Plumbing excavation and work in the north area by elevator shaft



5. Dumping excavated soil from plumbing work to the main stockpile

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6. Emptying frac tank #4 into vac truck (which was then consolidated into tank #1 to re-establish tank #4 capacity)

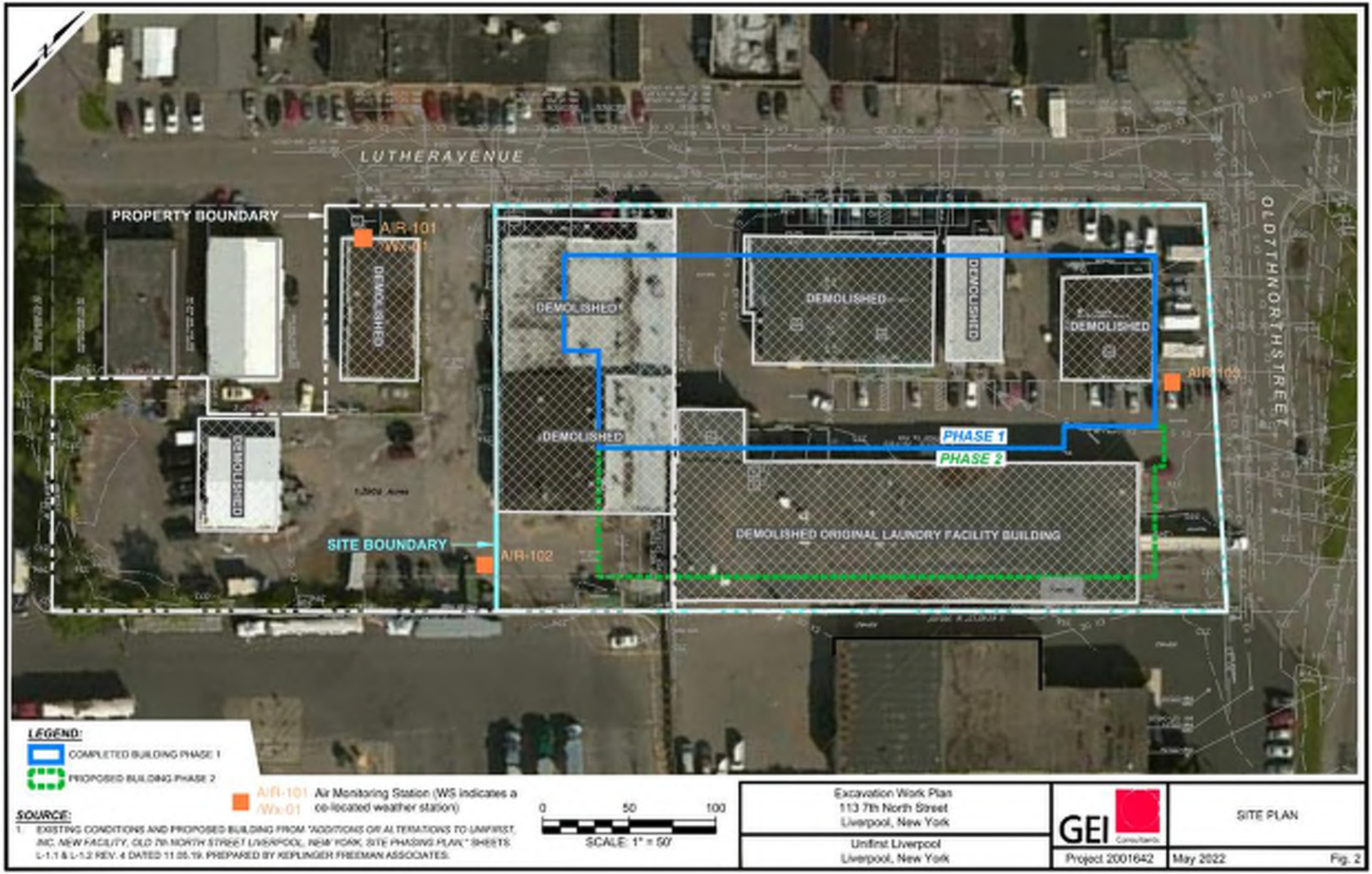


7. Remaining stockpile covered at end of day

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 6
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Time of Arrival: 06:30 **Time of Departure:** 15:30
Weather: 32 – 37 F, partly cloudy, windy

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental)
- Dave Brown (W&A)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0	14	See notes
102	0	15	See notes
103	0	14	See notes

Analytical Sampling

- none

Materials Management

- Sump pumps still in place dewatering in the trench spanning the south building wall and east building wall area
- Nine trucks loaded today from the major stockpile in the staging area for transportation and disposal of soil (to Seneca Meadows); the stockpile is all gone at the end of the day
- Stockpiling of material excavated by W&A (added to the major stockpile, approximately 10 cubic yards of soil)
- Sun truck on site and empties remaining water in frac tank #3 for offsite disposal

Site Work

- C&S continue prepping and constructing forms for wall in south and east building area – finish connection of forms up to the concrete wall most recently poured

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- Forms covered with tarp at end of day in case of rain, and sump pumps left in corners by the forms to pump into frac tank overnight
- Sun conducted personal air monitoring throughout the day
- W&A on site – continue excavation and pipe construction for building drain in the north of the site; backfill along the excavation as they go

Notes and Comments

- GEI calibrated CAMP PIDs
- CAMP PIDs 101, 102, and 103 were not communicating with the data server until approximately 08:00 (continued issue of solar battery life due to recent weather); in this time, manual measurements of VOC were taken and did not exceed action levels

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)
1	Kubota KX71-3	1	Kubota SVL 75-2

Photos



1. Loading trucks

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2. Washing trucks



3. Dewatering and continued wall form work in south/east building area

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/17/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	4 of 6
		GEI Proj. No.	2001642



4. Plumbing excavation and work in the north area by elevator shaft; excavation for building drain completed



5. Dumping excavated soil from plumbing work to the main stockpile

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6. Emptying frac tank #3 into truck for offsite disposal

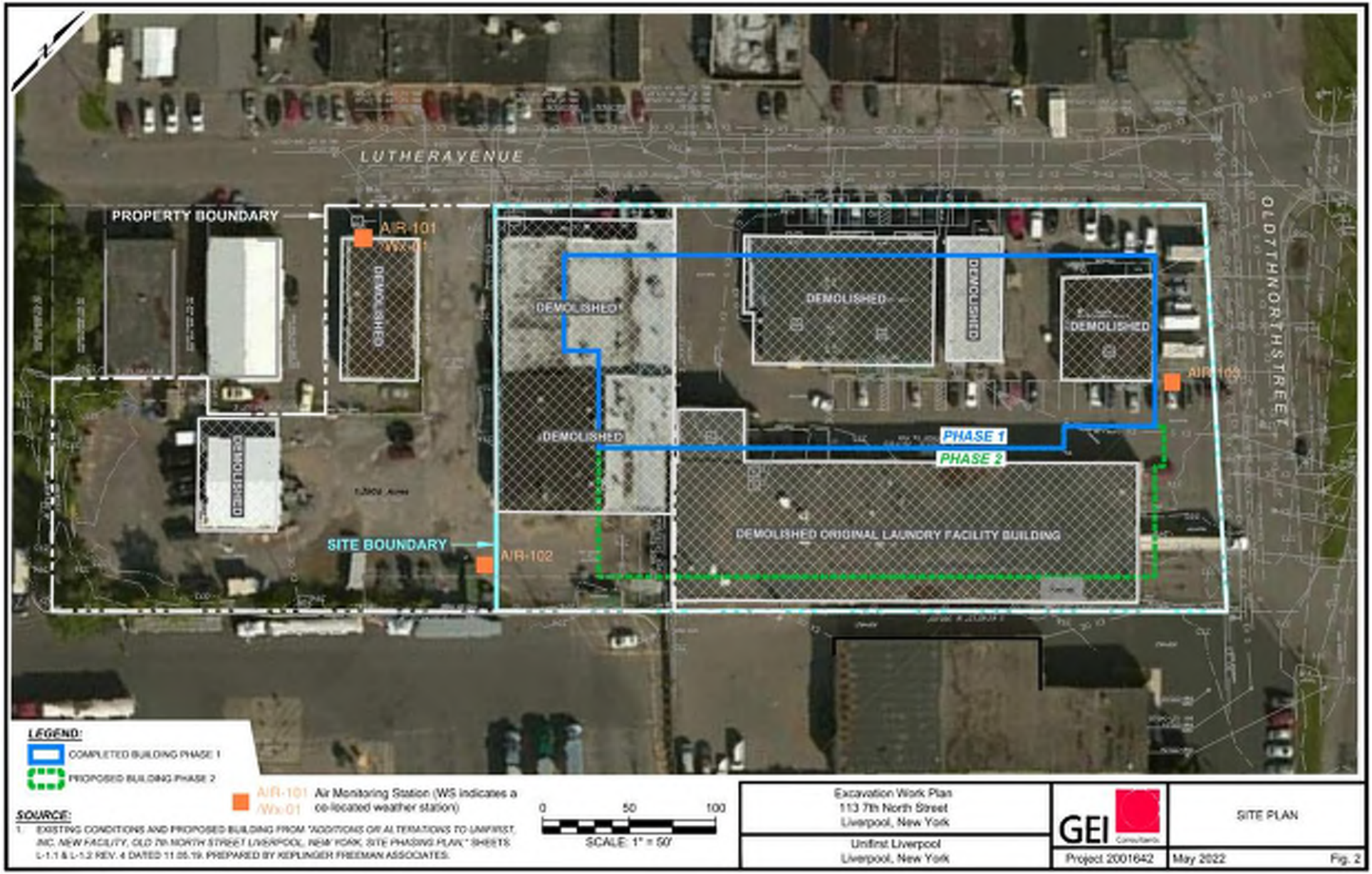


7. Cleaning excavator tracks; major stockpile all loaded out

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/17/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	6 of 6
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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/18/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 5
		GEI Proj. No.	2001642

Time of Arrival: 07:00 **Time of Departure:** 13:30
Weather: 32 – 36 F, partly cloudy, windy

GEI Representatives

- Davis Miller – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental)
- Dave Brown (W&A)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0	18	
102	0	22	See notes
103	0	20	See notes

Analytical Sampling

- none

Materials Management

- Sump pumps still in place dewatering in the trench spanning the south building wall and east building wall area
- Sun vac truck pumps water out of tank #4 and into tank #1 to make room for continued sump pump dewatering in south building area

Site Work

- C&S completes prepping and constructing forms for wall pour in south and east building area
- Forms covered with tarp at end of day in case of rain, and sump pumps left in corners by the forms to pump into frac tank overnight
- Sun conducted personal air monitoring throughout the day
- W&A on site – test seal of building drain plumbing, Onondaga county WEP

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inspects

Notes and Comments

- GEI calibrated CAMP PIDs
- CAMP PIDs 102 and 103 were not communicating with the data server until approximately 08:15 and 08:30, respectively (continued issue of solar battery life due to recent weather); in this time, manual recordings of VOC were taken and did not exceed action levels

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)
1	Kubota KX71-3	1	Kubota SVL 75-2

Photos



1. Continuing work on E and S building area wall forms

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2. Wall form bracing work and personal air monitoring



3. Dewatering in the S and E building wall area

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/18/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	4 of 5
		GEI Proj. No.	2001642



4. Emptying vac truck into frac tank #1 (had pumped out of tank #4 to make room)

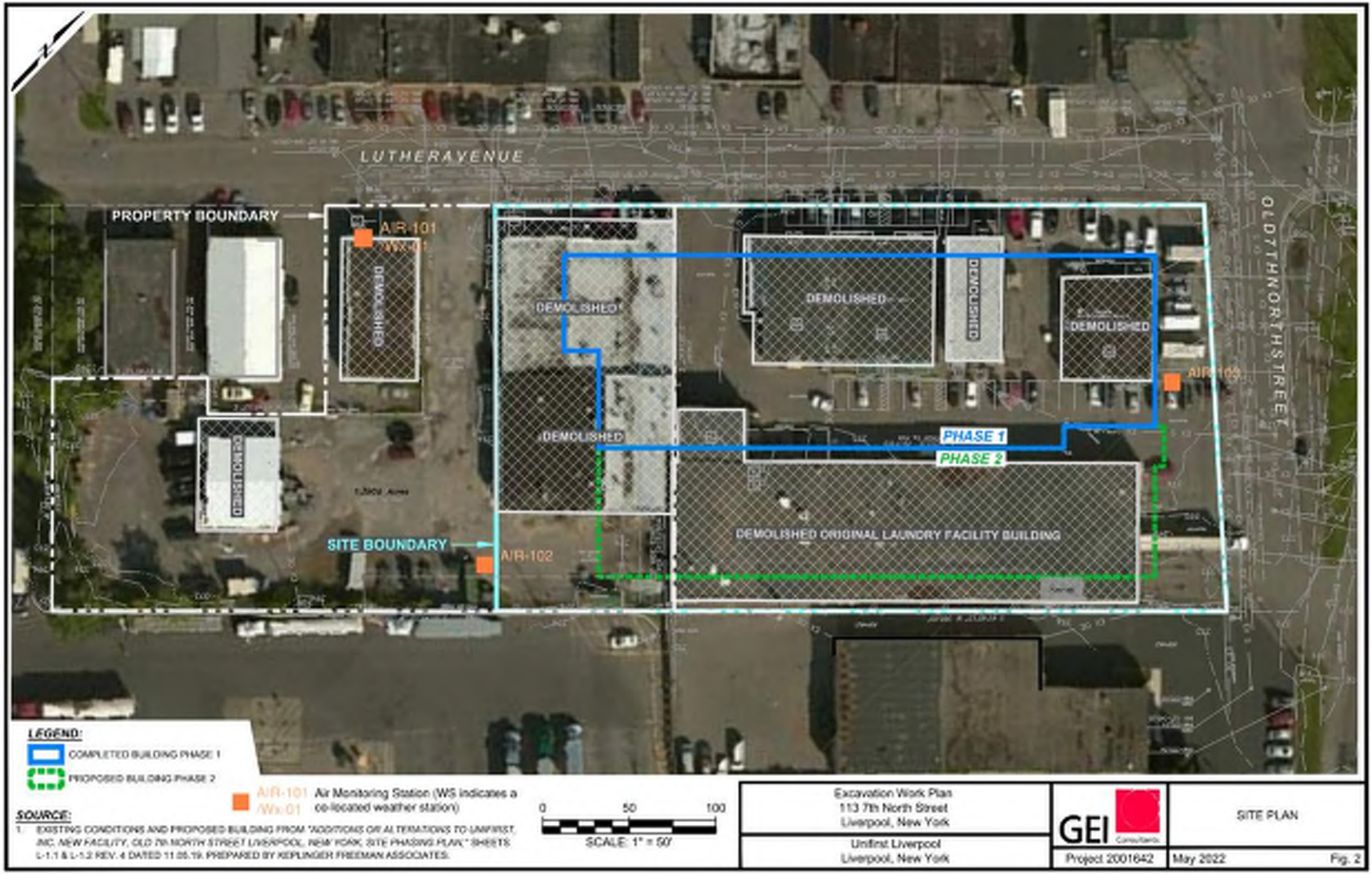


5. Building drain plumbing area in the north, prepped for leak test

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/18/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	5 of 5
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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/21/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 5
		GEI Proj. No.	2001642

Time of Arrival: 07:30 **Time of Departure:** 15:30
Weather: 32 – 40 °F, mostly cloudy, windy

GEI Representatives

- Breana Pabst – Construction Observation / CAMP operations

Site Visitors/Other

- James Forbes (C&S, Foreman)
- Hayden Haas (C&S, H&S rep)
- Dave Taillie (C&S, Superintendent)
- Dave Curran (Sun Environmental)
- Dave Brown (W&A)

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0	6	
102	0	9	
103	0	7	

Analytical Sampling

- none

Materials Management

- Sump pumps dewatering the trench spanning the south and east building wall area

Site Work

- C&S continues placing forms for south and east walls
- Two trucks on site pouring concrete for sections of south and east walls
- Concrete covered with tarps at the end of day
- Sun conducted personal air monitoring throughout the day
- W&A backfilling sanitary trench at north end of site
- ATL on site for rebar inspection and concrete testing

Notes and Comments

- GEI calibrated CAMP PIDs

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FIELD OBSERVATION REPORT

Major Equipment On-Site

1	VOLVO Loader	1	CAT Mini Excavator
1	Skid Steer (Fisher)	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Kobelco Excavator (Sun Environmental Rental)
1	Kubota KX71-3	1	Kubota SVL 75-2

Photos



1. Placing forms for the south and east wall

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2. Pouring concrete in SE corner



3. Pouring concrete for south wall

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4. Backfilling sanitary trench at north end of site

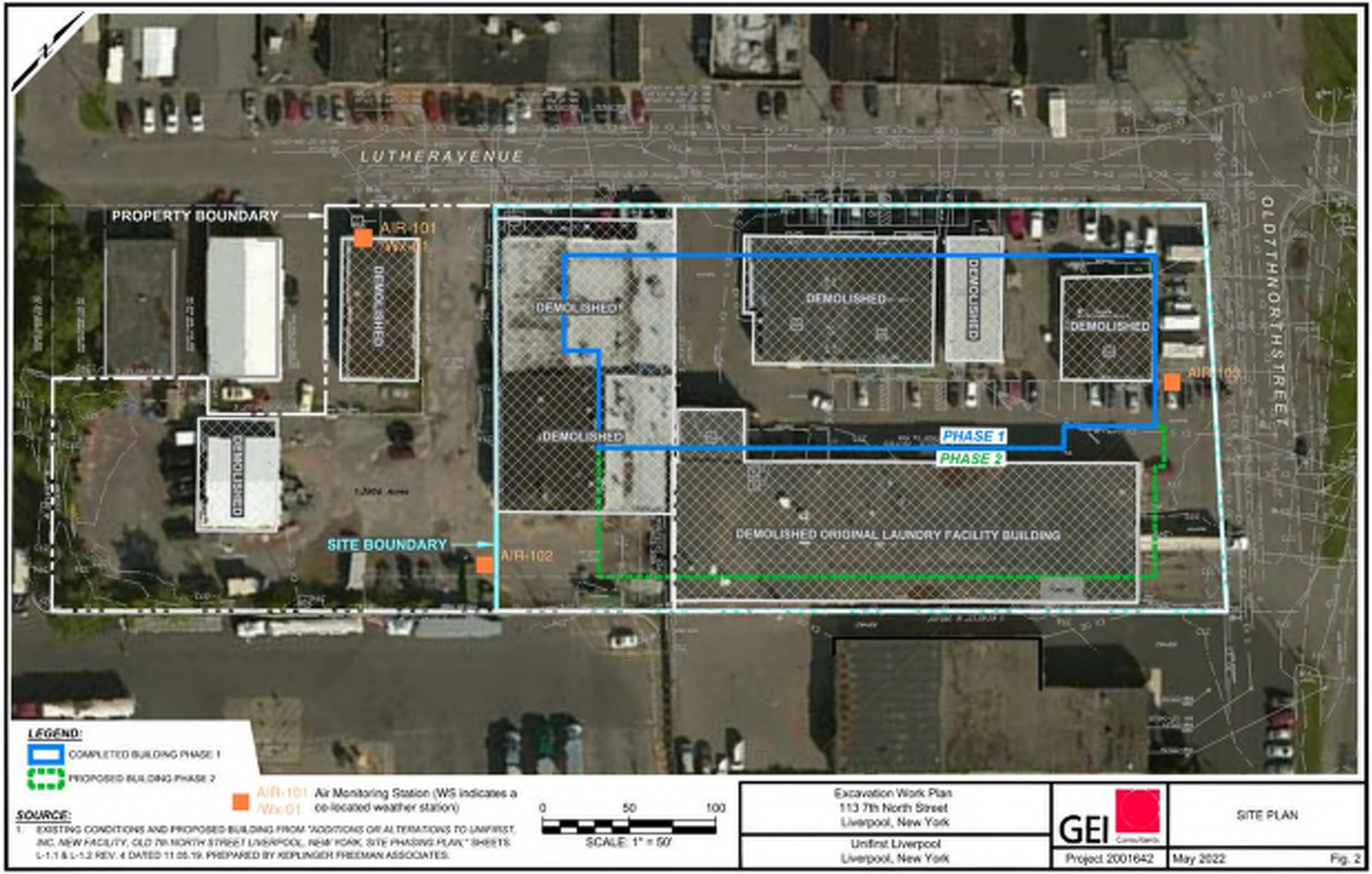


5. Tarps covering concrete

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	11/21/22
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	5 of 5
		GEI Proj. No.	2001642



FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/22/2022
Project Number: 2001642

Time of Arrival: 0800 **Time of Departure: 1600**
Weather: Low: 36°High: 45° Mostly cloudy

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Larry Hazzard	C&S	Robert Willmott	C&S	Jordan Crossgrave	C&S
Greg Haskins	C&S	Nick Guzman	C&S	Chris Griffin	Sun
Nick Caneso	C&S		Sun		
	C&S		C&S		

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.22	32.1	
102	0.14	31.7	
103	0.07	31.4	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Dewater excavations
- Strip forms from East footer wall
- Install forms for South footer wall
- Excavate SW corner of new building footer foundation

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/22/2022
Project Number: 2001642

Notes and Comments

- GEI Calibrated CAMP PIDs
- Water in south wall foundation area was pumped into empty frac tank that was scheduled to be cleaned and removed. Two 2-inch pumps were used to keep up with the water. C&S believes they broke a water line causing the excess water.

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	CAT Extended boom forklift
1	CAT excavator		

Photos



Photo 1: SW Footer excavation with inflow from unknown source believed to be broken water line

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/22/2022
Project Number: 2001642



Photo 2: Southwest corner footer excavation



Photo 3: South wall form installation

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/22/2022
Project Number: 2001642



Photo 4: Southwest corner bottom of excavation



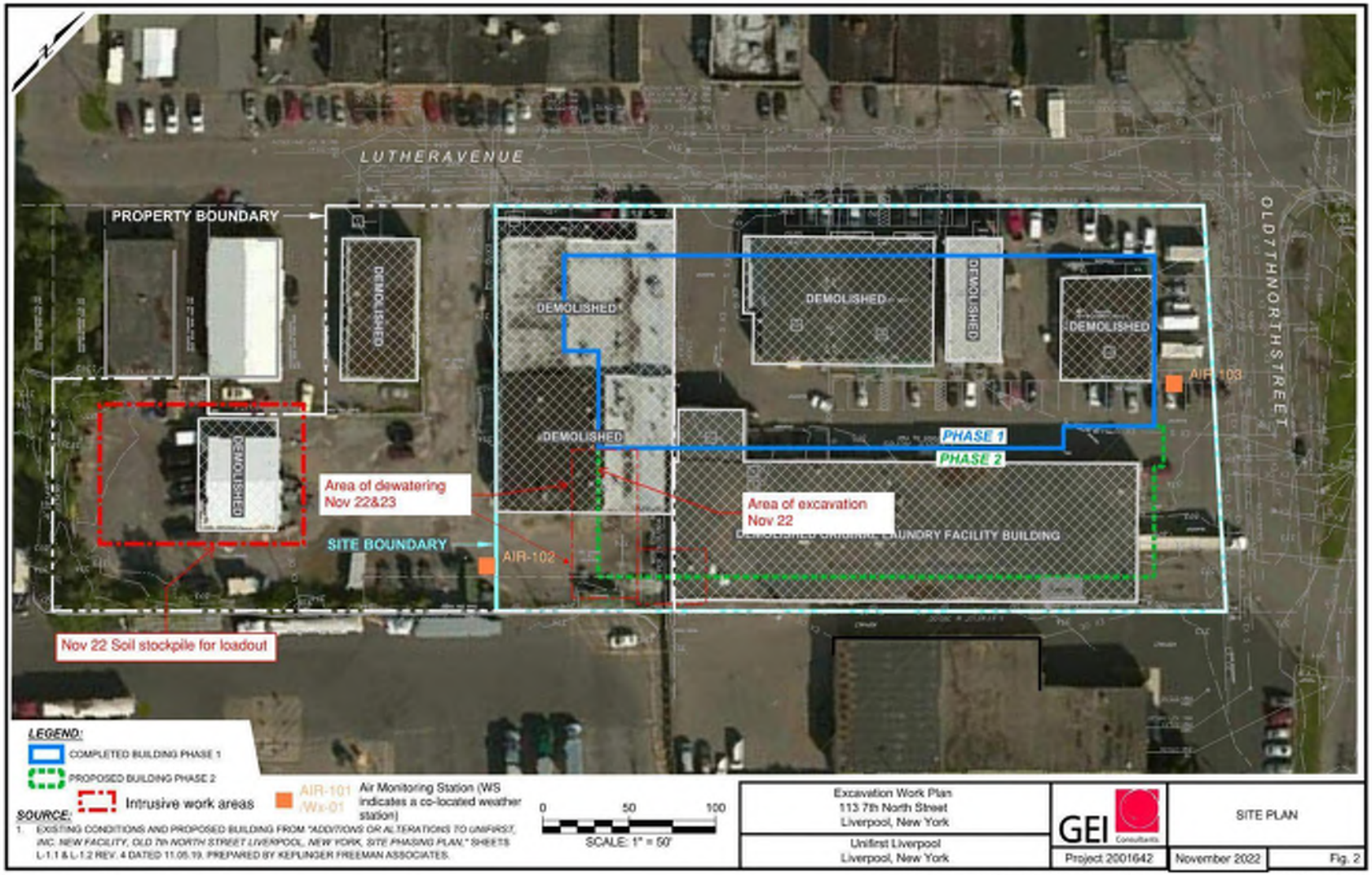
Photo 5: East wall forms stripped

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/22/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/23/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1430**
Weather: Low: 38° **High**: 50° Clear Skies

GEI Representatives

- Tim Dixon, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Larry Hazzard	C&S	Joe Cerio	C&S	Harland Spencer	Sun
Greg Haskins	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	John Powers	Sun	Jordan Crossgrave	C&S

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101			
102			
103			

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 ug/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Install footer forms
- Strip footer forms
- Install walers for form bracing

Notes and Comments

- GEI Calibrated CAMP PIDs

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/23/2022
Project Number: 2001642

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

Photos



Photo 1: Southwest corner of footer for new building

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/23/2022
Project Number: 2001642



Photo 2: Southeast corner of footer for new building



Photo 3: Finishing footer forms for foundation, SE corner of new building

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/23/2022
Project Number: 2001642



Photo 4: Stripping forms, south foundation wall



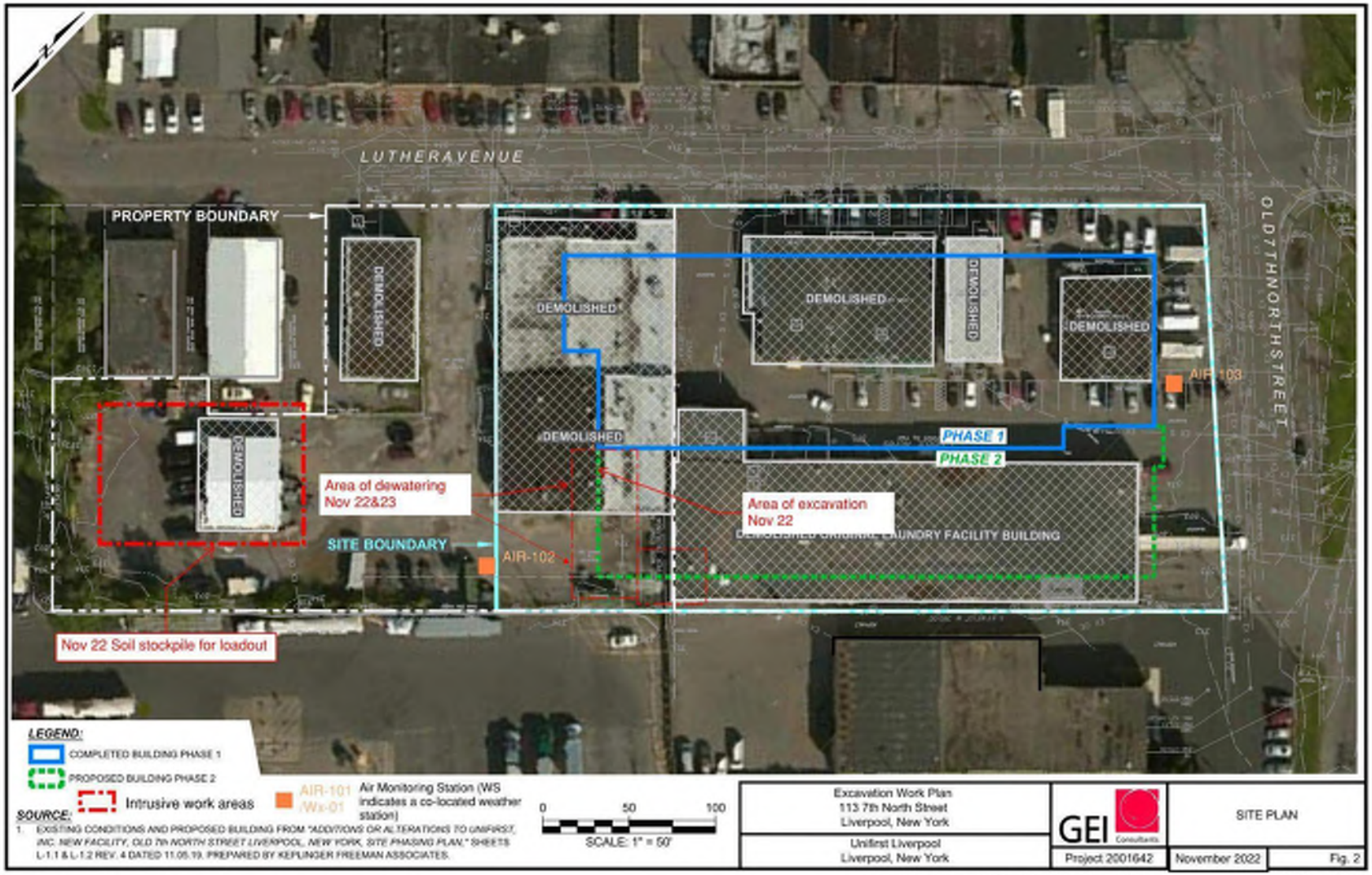
Photo 5: Walers installed for foundation formwork

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/23/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/28/2022
Project Number: 2001642

Time of Arrival: 0730 **Time of Departure: 1530**
Weather: Low: 38° **High**: 50° Clear Skies

GEI Representatives

- Adam Grossman, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Larry Hazzard	C&S	Joe Cerio	C&S	Harland Spencer	Sun
Greg Haskins	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	John Powers	Sun	Jordan Crossgrave	C&S

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	7	PID lamp will not fire. Replaced with a backup being stored on site.
102	1.0	9	
103	0.0	6	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 g/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- Soil from sanitary sewer excavation (WC-San-112822)

FOR IMMEDIATE ANALYSIS:
- Total VOCs; SW-846 Method 8260
- Total SVOCs; SW-846 Method 8270
- Total PCBs; SW-846 Method 8082
- TAL Metals; SW-846 Methods 6010/7470
- Total Pesticides; SW-846 Method 8081
- Total Herbicides; SW-846 Method 8105

TO BE SENT TO LAB ON HOLD:
- TCLP VOCs; SW-846 Methods 1311/8260
- TCLP SVOCs; SW-846 Methods 1311/8270
- TCLP Metals (plus mercury); SW-846 Methods 1311/6010
- TCLP Pesticides; SW-846 Methods 1311/8081
- TCLP Herbicides; SW-846 Methods 1311/8105
- Reactivity (Cyanide); SW-846 Method 9012
- Reactivity (Sulfide); SW-846 Method 9030
- pH; SW-846 Method 9045
- Ignitability/Flashpoint; SW-846 Method 1010

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/28/2022
Project Number: 2001642

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Install ramp in western portion of new building footprint for truck access using imported backfill
- Poured concrete in footer forms along southern section of the proposed building.

Notes and Comments

- GEI Calibrated CAMP PIDs
- Replaced PID from station 101 with backup being stored on site.

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/28/2022
Project Number: 2001642

Photos

Photo 1: Fisher excavating sanitary sewer trench at N end



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/28/2022
Project Number: 2001642

Photo 2: Sewer trench facing south



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/28/2022
Project Number: 2001642

Photo 3: Soil profile of trench walls with presence of urban fill



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/28/2022
Project Number: 2001642

Photo 4: Stockpile of soil from sanitary sewer trenching



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/28/2022
Project Number: 2001642

Photo 5: Stockpiles of soil from sanitary sewer trenching (left) and soil that is approved to go to Seneca Falls (right)

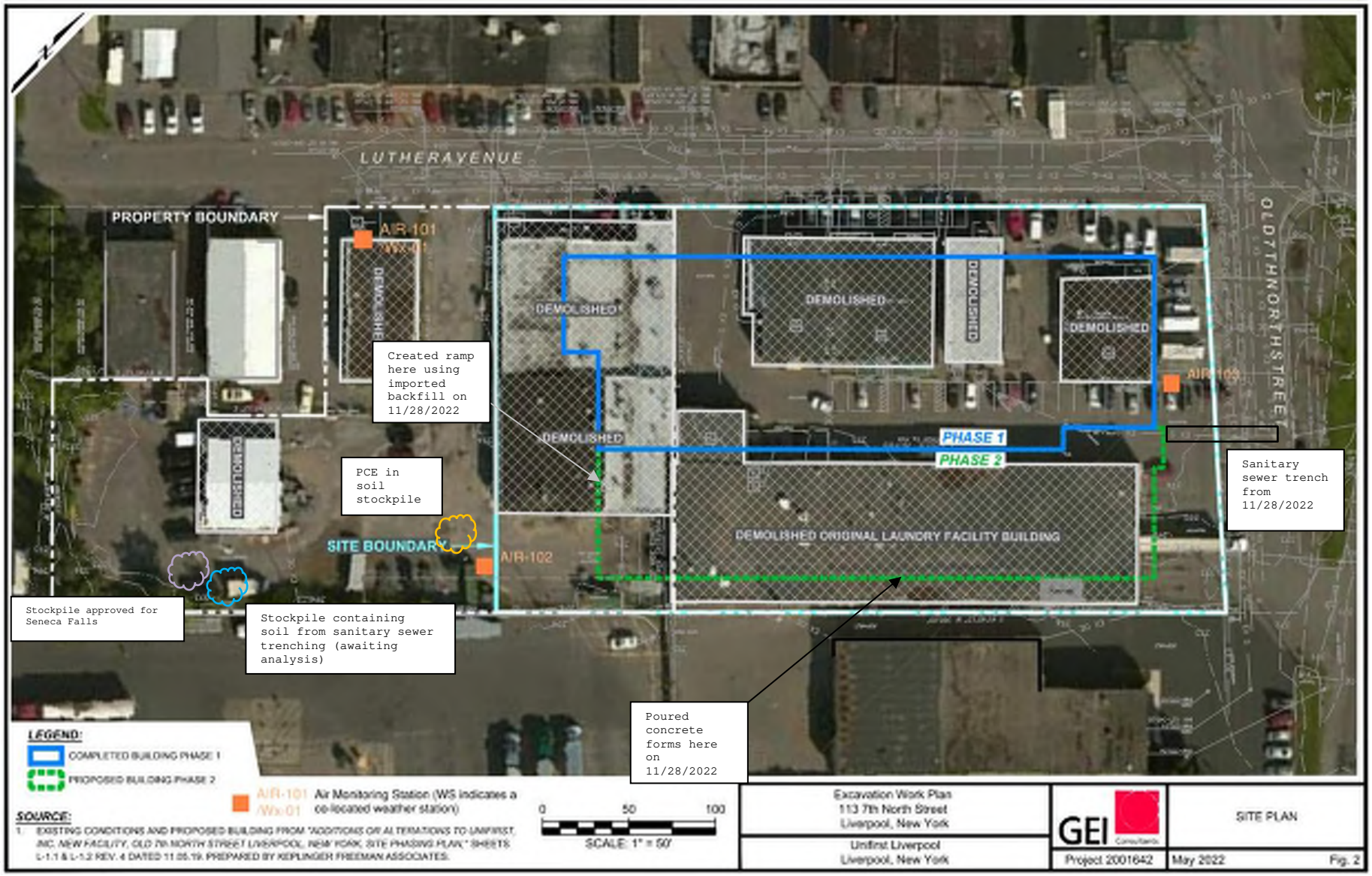


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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/28/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/29/2022
Project Number: 2001642

Time of Arrival: 07:30 **Time of Departure: 15:40**
Weather: Low: 28° **High**: 30° Overcast

GEI Representatives

- Adam Grossman, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Larry Hazzard	C&S	Joe Cerio	C&S	Harland Spencer	Sun
Greg Haskins	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	John Powers	Sun	Jordan Crossgrave	C&S

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	14	
102	0.0	16	
103	0.0	10	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 g/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental

Site Work

- Placing fabric and backfilling in northwest portion of proposed building – by elevator shaft
- Backfilling sewer trench
- Removing forms along eastern wall of proposed building

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/29/2022
Project Number: 2001642

Notes and Comments

- GEI Calibrated CAMP PIDs
- ~10 cubic yards of soil from northeastern portion of proposed building placed in "Seneca Falls" stockpile to level elevation. Top two feet were removed.

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/29/2022
Project Number: 2001642

Photos

Photo 1: Fisher backfilling area of proposed vapor barrier (facing west)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/29/2022
Project Number: 2001642

Photo 2: Fisher backfilling area of proposed vapor barrier (facing west)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/29/2022
Project Number: 2001642

- Photo 3: Removing forms along eastern wall of proposed building (facing southeast)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/29/2022
Project Number: 2001642

Photo 4: Backfilled sewer trench (facing south)

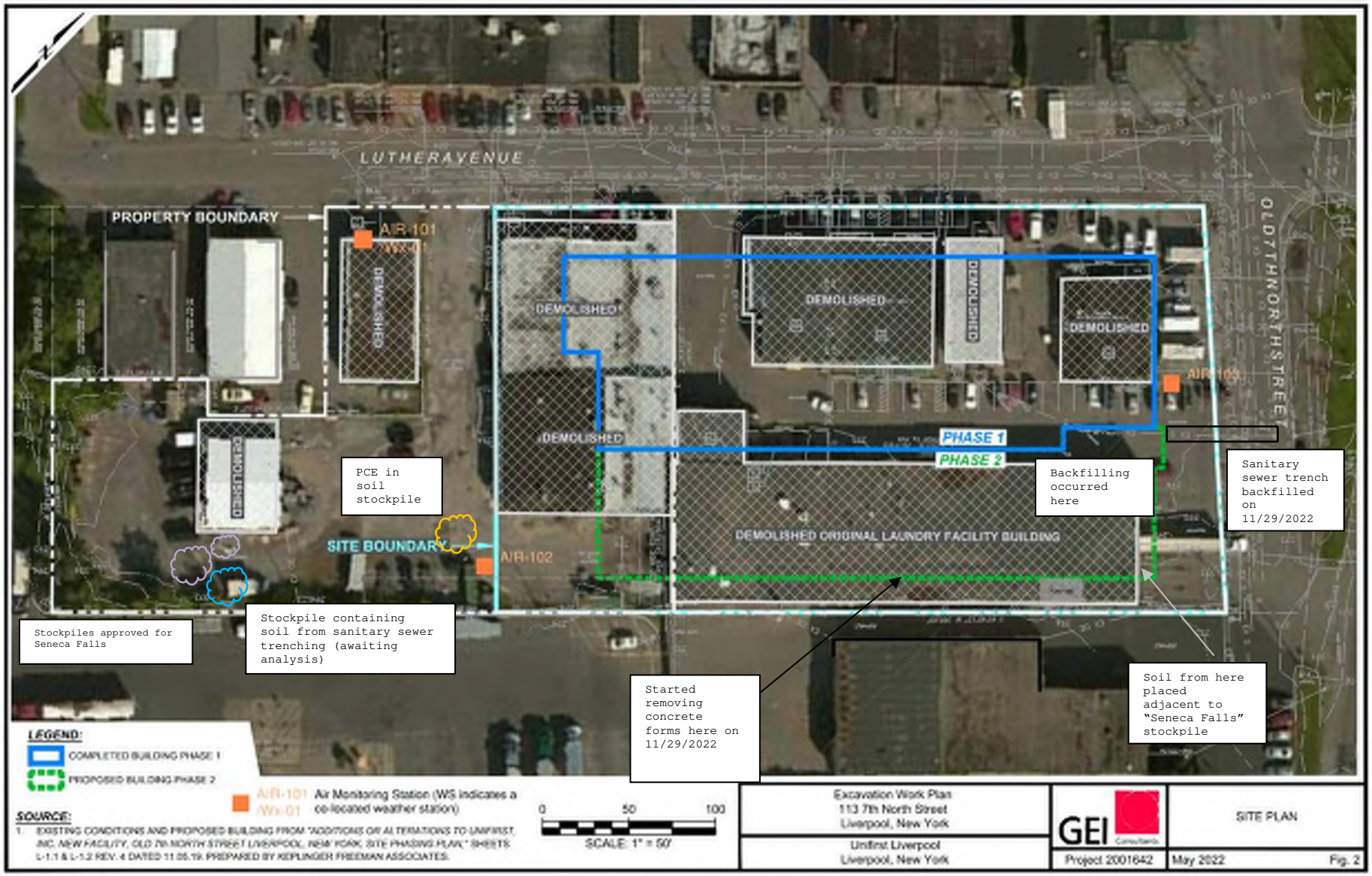


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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/29/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/30/2022
Project Number: 2001642

Time of Arrival: 07:30 **Time of Departure: 14:30**
Weather: Low: 35° **High**: 47° Rain and windy

GEI Representatives

- Adam Grossman, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Larry Hazzard	C&S	Joe Cerio	C&S	Harland Spencer	Sun
Greg Haskins	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	John Powers	Sun	Jordan Crossgrave	C&S

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	3.0	3	
102	0.0	10	
103	No data	No data	Station offline due to inclement weather

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 g/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Footer excavations dewatered by Sun Environmental
- Trench dewatered while searching for water line (more info in the “Site Work” section below)

Site Work

- Backfilling northern portion of proposed building with imported backfill
- Removing forms along eastern wall of proposed building
- Fisher excavated 6-8 feet bgs in the southwestern portion of the proposed

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building to locate construction trailer's temporary water line that broke last week. Soil was either placed adjacent to the trench or kept in the hole and contained mostly of imported fill. The soil that was placed next to the trench was placed back in the trench after locating the water line.

Notes and Comments

- GEI Calibrated CAMP PIDs
- ~15 cubic yards of soil from northeastern portion of proposed building placed in "Seneca Meadows" stockpile to level elevation. Top two feet were removed.
- Work ended early today due to inclement weather

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/30/2022
Project Number: 2001642

Photos

Photo 1: Sun removing water from frac tank by construction entrance (facing west)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/30/2022
Project Number: 2001642

Photo 2: Dewatering in the southeast corner of the proposed building (facing west)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/30/2022
Project Number: 2001642

Photo 3: Fisher excavating to locate the water line for repairs in the southwestern corner of the proposed building. Soil generated from excavating was placed adjacent to the trench and then back into the hole after the repairs were complete (facing west).



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/30/2022
Project Number: 2001642

Photo 4: Fisher excavating to locate the water line for repairs in the southwestern corner of the proposed building. Soil did not leave the trench during excavation (facing northeast).



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/30/2022
Project Number: 2001642

Photo 5: Additional soil generated from the northeastern corner of the proposed building – approved to go to Seneca Falls for disposal



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/30/2022
Project Number: 2001642

Photo 6: Soil stockpiles covered in poly sheeting

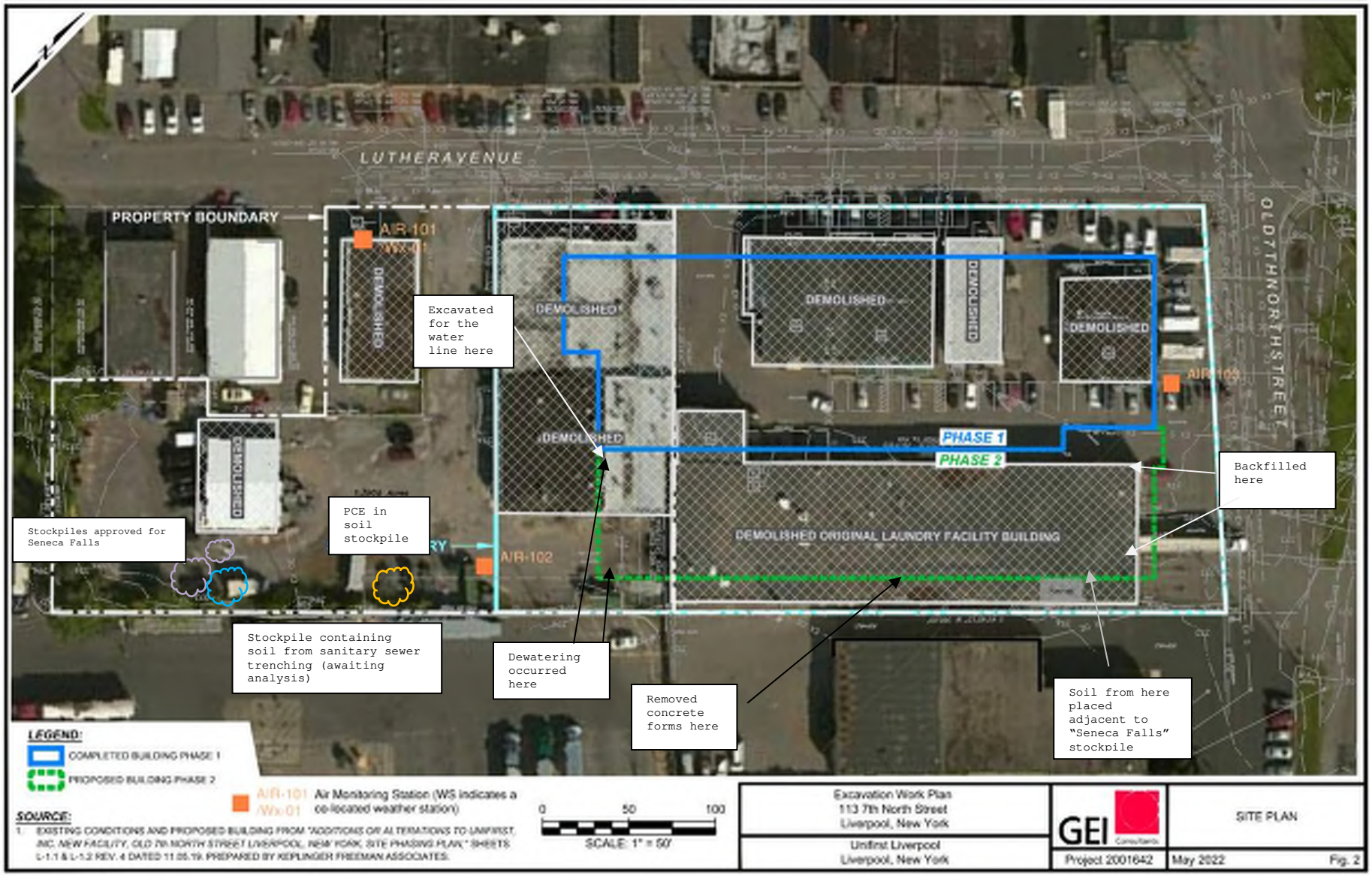


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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 11/30/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/1/2022
Project Number: 2001642

Time of Arrival: 07:30 **Time of Departure: 15:30**
Weather: Low: 18° **High**: 21° Overcast and windy

GEI Representatives

- Adam Grossman, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Larry Hazzard	C&S	Joe Cerio	C&S	Harland Spencer	Sun
Greg Haskins	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	John Powers	Sun	Jordan Crossgrave	C&S

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	2.0	2	
102	1.0	4	
103	25.57	3	Due to a loose cap on the PID, the instrument was giving off erroneous high readings during initial calibration, which resulted in a false alarm. GEI tightened the cap and resolved the calibration issue.

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 g/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- At the request of the receiving facility, GEI collected a 1-liter amber jar of soil from the “PCE Stockpile” (PCE Stkpile-120122) and shipped to Waterfield Env. Logistics in Chelmsford, MA.

Materials Management

- None (dewatering activities ceased today)

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/1/2022
Project Number: 2001642

Site Work

- Backfilling northeastern and southwestern portion of proposed building with imported backfill
- Removing forms along walls of proposed building
- Installed vapor sampling point in northwestern portion of proposed building
- At the end of the day, Fisher set aside top layer of imported fill in preparation of next activity in the western portion of the proposed building (see photo)

Notes and Comments

- GEI Calibrated CAMP PIDs

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/1/2022
Project Number: 2001642

Photos

Photo 1: Backfilling and general site cleanup (facing north)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/1/2022
Project Number: 2001642

Photo 2: Backfilling northeastern portion of proposed building (facing southeast)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/1/2022
Project Number: 2001642

Photo 3: Area by proposed vapor barrier backfilled and vapor point installed (see photos from 12/2/2022 for details) (facing northwest)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/1/2022
Project Number: 2001642

Photo 4: Setting aside top layer of imported fill in preparation of next activity in the western portion of the proposed building (facing north)

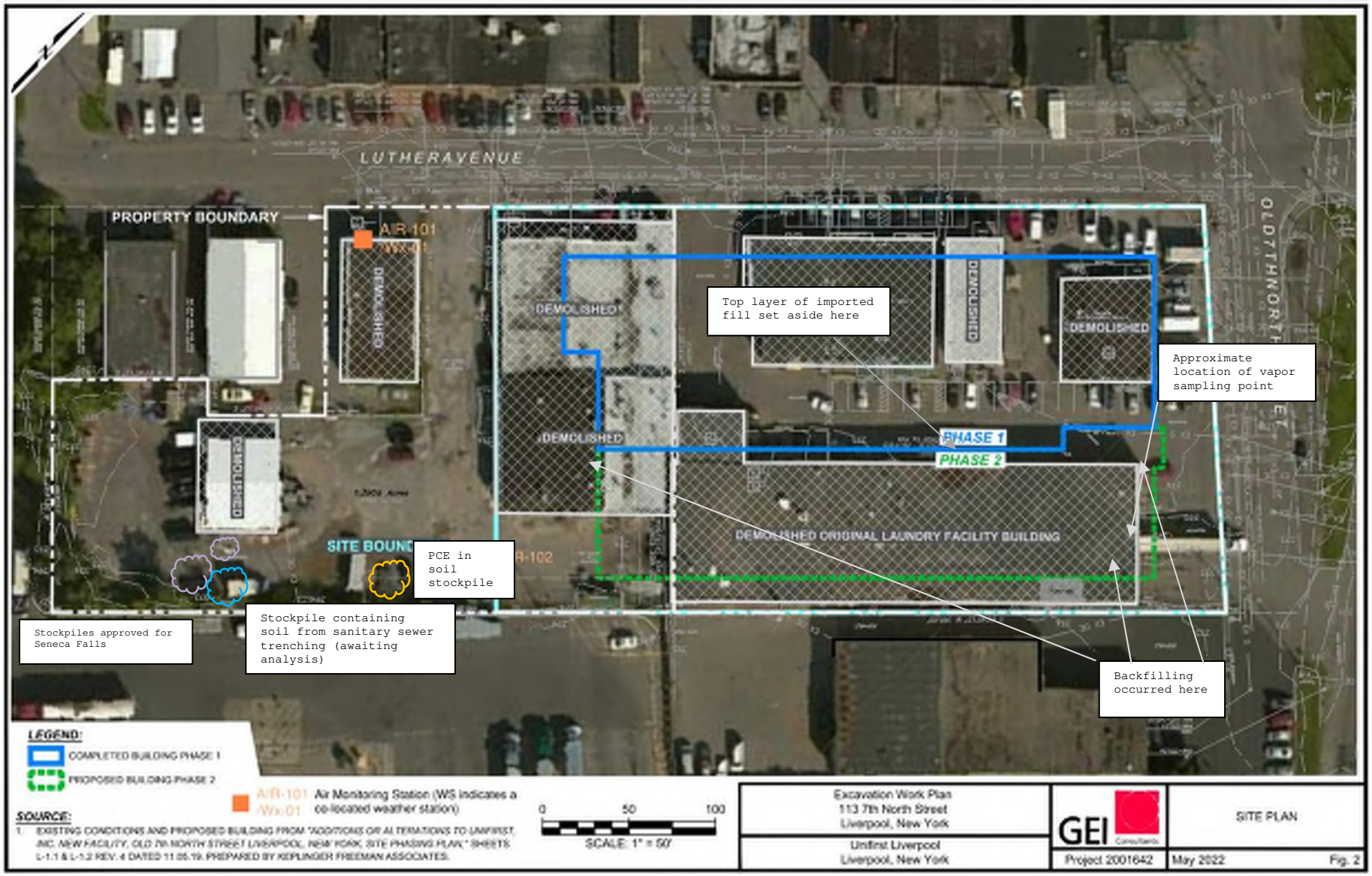


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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/1/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/2/2022
Project Number: 2001642

Time of Arrival: 07:30 **Time of Departure: 12:30**
Weather: Low: 20° **High**: 22° Mostly Sunny

GEI Representatives

- Adam Grossman, Construction Observation/CAMP Tech

Site Visitors

Dave Taillie	C&S	James Forbes	C&S	Russel Torrence	C&S
Larry Hazzard	C&S	Joe Cerio	C&S	Harland Spencer	Sun
Greg Haskins	C&S	Nick Guzman	C&S	Nick Caneso	C&S
Robert Wilmott	C&S	John Powers	Sun	Jordan Crossgrave	C&S

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	1.0	16	
102	2.0	13	
103	1.0	9	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 g/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- None

Site Work

- General site cleanup (Fisher not onsite today)

Notes and Comments

- GEI Calibrated CAMP PIDs
- GEI take photos of vapor point sampling in preparation of vapor barrier installation

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(set to occur on Monday)

- Note that C&S measured location of vapor point to confirm it was placed in the correct spot

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/2/2022
Project Number: 2001642

Photos

Photo 1: Vapor sampling point (facing south)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/2/2022
Project Number: 2001642

Photo 2: Vapor sampling point (facing west)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/2/2022
Project Number: 2001642

Photo 3: Vapor sampling point (up close)



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/2/2022
Project Number: 2001642

Photo 4: Vapor sampling point (inside)

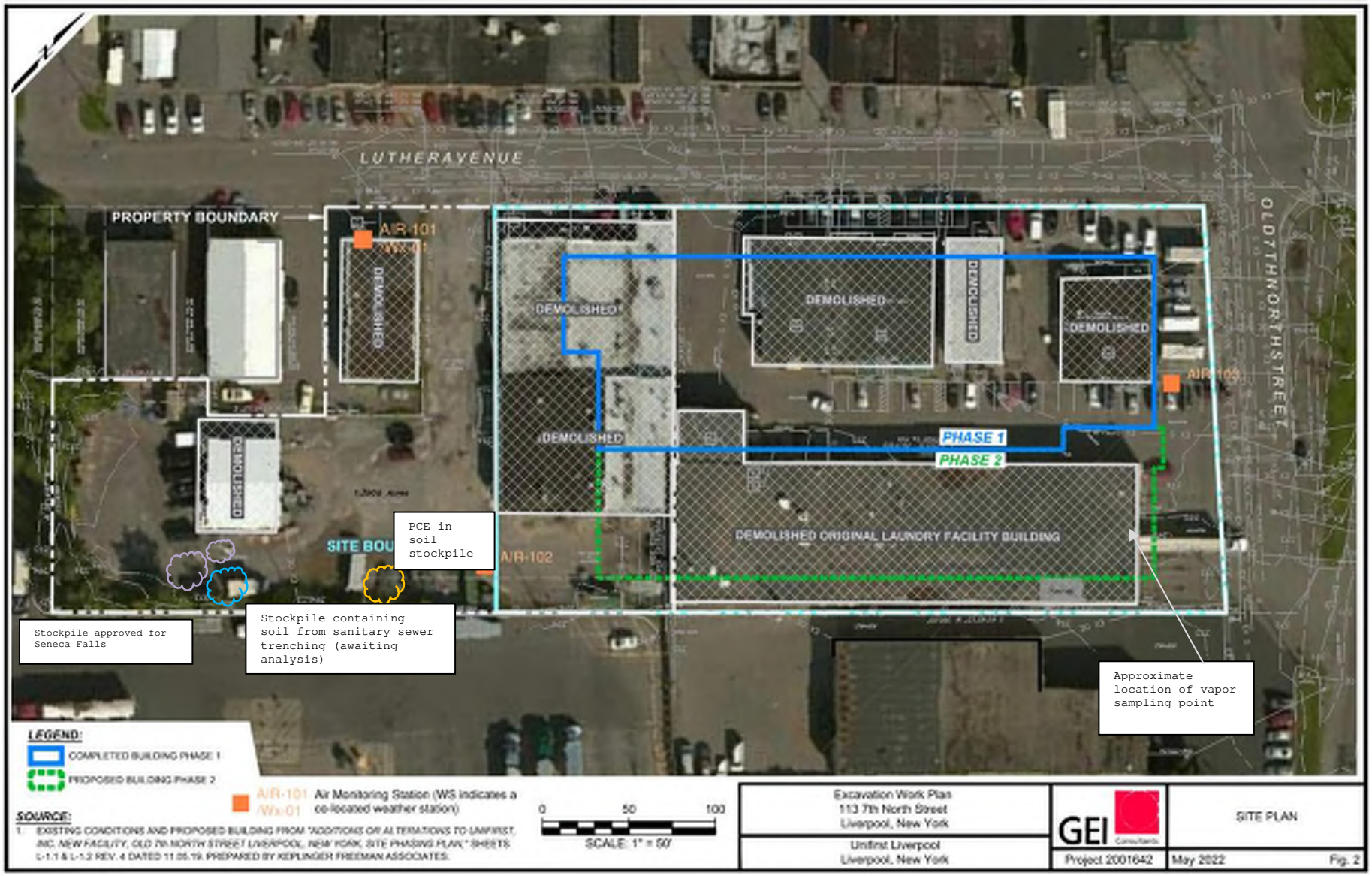


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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/2/2022
Project Number: 2001642



CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/5/2022
Project Number: 2001642

Time of Arrival: 0900 **Time of Departure: 1630**
Weather: Low: 28° **High**: 48° Mostly Sunny

GEI Representatives

- Wendy Moore, Construction Observation/CAMP Tech/Vapor Barrier Inspector
- Larry Welch, Vapor Barrier Inspector

Site Visitors

Eddie Gerland	UniFirst				

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	105	Upwind location–smoke from truck fire present
102	0.0	52	
103	0.0	38	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 g/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Placed broken concrete slab in Seneca Meadows soil stockpile. C&S will break the material up so that it meets Seneca Meadows requirements (2ft- or less than 4ft in any direction for 4" slabs)
- Management of imported fill stockpiles

Site Work

- Clean up of work surface at center of Phase 2 building, removed broken concrete slab from former building and some historical fill to level the surface
- Removal of frac tank located near construction entrance on Luther Ave
- General site cleanup & preparation for concrete slab pour in office area following installation of vapor barrier
- Vapor barrier was to begin today, but due to "personnel issues," the installer did

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not arrive until 1700 and was told to return on 12/6/22 at 0630

Notes and Comments

- GEI calibrated CAMP PIDs
- Truck fire occurred at a neighboring property to the south of the site between approximately 1445 and 1600. Smoke from the fire was visible on site

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/5/2022
Project Number: 2001642

Photos

Photo 1: concrete barriers on opposite side of fence adjacent to AIR102. Present at this location since at least 11/28/22. No trucks have been observed parking along the fence line adjacent to the monitor as a result.



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/5/2022
Project Number: 2001642

Photo 2: Broken concrete slab and historical fill from former facility placed in soil stockpile area.

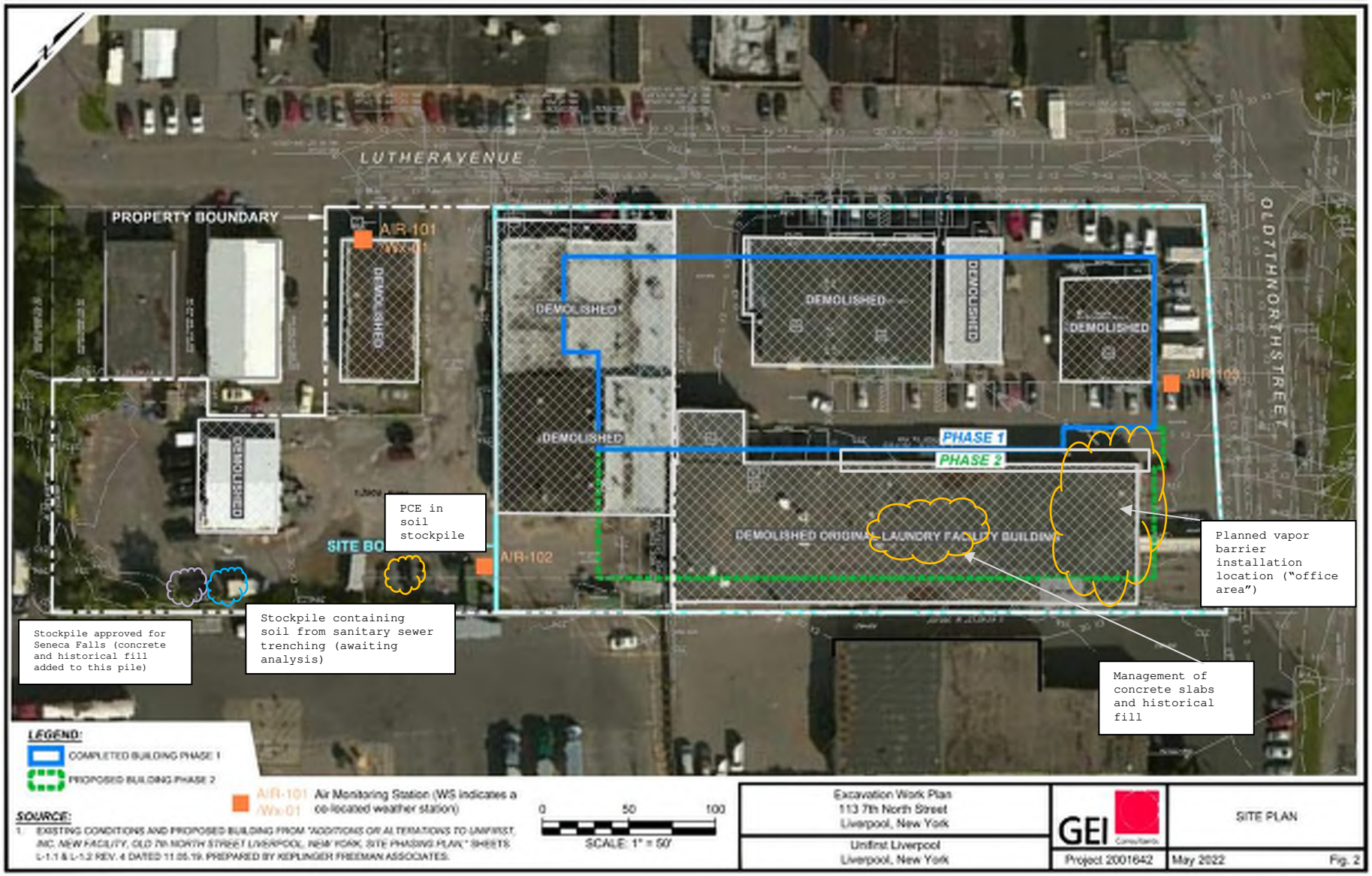


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FIELD OBSERVATION REPORT

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Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/5/2022
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/6/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 30° **High**: 43° periods of rain

GEI Representatives

- Wendy Moore, Construction Observation/CAMP Tech/Sub-Slab Gas Barrier Inspector
- Larry Welch, Sub-Slab Gas Barrier Inspector

Site Visitors

Eddie Gerland	UniFirst				

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	57	
102	0.0	24	
103	0.0	61	

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 g/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Management of imported fill stockpiles
- Receipt of additional imported material deliveries

Site Work

- Backfilling southeast corner of foundation
- Receipt of additional imported fill material for use in foundation backfilling operation
- Gas Barrier installation in northern portion of site (“office area”)

Notes and Comments

- GEI calibrated CAMP PIDs

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- Gas Barrier work paused mid-morning during heavier rain. Rain and cold temperatures may be affecting short-term adhesion, installer confirmed they are heating the liquid product and will use leaf blower to remove standing water from seams before applying the final seals. Areas with bridging of membrane over voids near foundation walls/footings corrected and re-sealed.
- Will allow the area to cure overnight and apply final seals around pipe penetrations on Wednesday11/7/22; area will be checked for proper adhesion and smoke tested before installation accepted as complete.

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/6/2022
Project Number: 2001642

Photos

Photo 1: Gas Barrier installation



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/6/2022
Project Number: 2001642

Photo 2: Gas Barrier installation – seal to Phase 1 flap



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/6/2022
Project Number: 2001642

Photo 3: Gas Barrier installation – penetration, edge, and seam seals shown

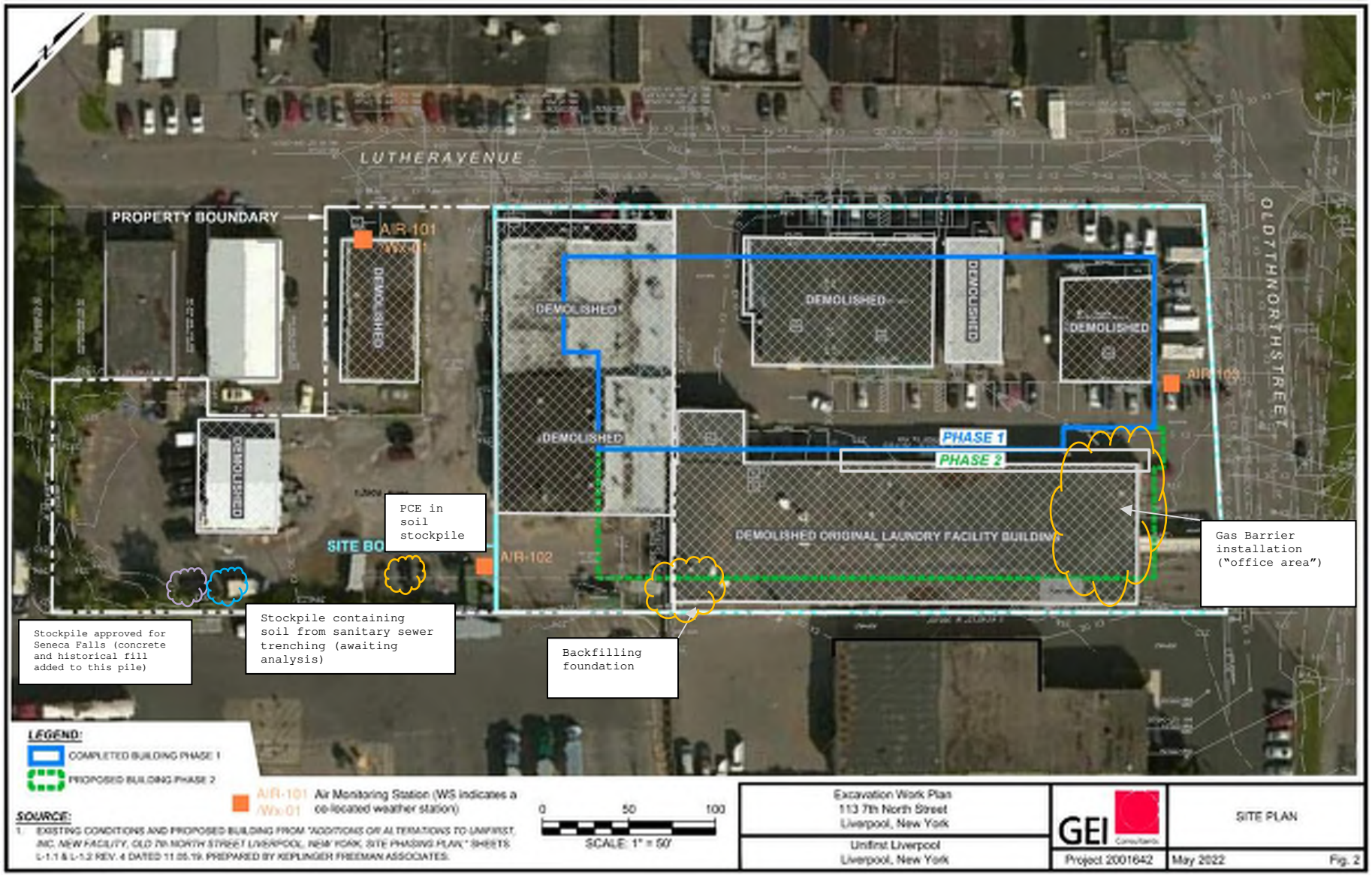


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FIELD OBSERVATION REPORT

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/7/2022
Project Number: 2001642

Time of Arrival: 0700 **Time of Departure:**
Weather: Low: 45° **High**: 50° periods of rain

GEI Representatives

- Wendy Moore, Construction Observation/CAMP Tech/Sub-Slab Gas Barrier Inspector
- Larry Welch, Sub-Slab Gas Barrier Inspector

Site Visitors

Eddie Gerland	UniFirst				

Monitoring

CAMP

Station	TVOC Daily Max (PPM)	PM-10 Daily Max (ug/m^3)	Comments
101	0.0	106	
102	28.12	84.3	Unit was manually powered up on low battery at 1300, when this reading was recorded. Appears to be erroneous/resulting from power-up on low battery. No auto-email notification was sent, and the 15-min average fell to 3.39 before it powered down again due to low battery at 1345. Loader working with clean fill near the unit all day. Temp 50*, dew pt 48*
103	0.11	70.5	Early AM readings, before work began. Unit powered down due to low battery before work began and remained down all day.

TVOC exceedance of 5 ppm above background will initiate a work stoppage and requires notification be sent to NYS DOH and DEC.

Downwind PM-10 exceedance of 100 g/m^3 above background will initiate dust control measures and downwind PM-10 concentration exceedance of 150 ug/m^3 above background will initiate work stoppage.

Analytical Sampling

- None

Materials Management

- Receipt of additional imported material deliveries

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Date: 12/7/2022
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Site Work

- Backfilling southeast corner of foundation (Phase 2 foundation backfill complete mid-day)
- Receipt of imported fill deliveries for use in Phase 2 foundation backfill
- Gas Barrier inspection in northern portion of site (“office area”)

Notes and Comments

- GEI calibrated CAMP PIDs for the morning work, then shut the monitors down upon completion of foundation backfill at mid-day
- Gas Barrier seals tested by inspector at 0700; adhesion has not improved Discussions with C&S, gas barrier installer (Budget Concrete) and manufacturer (Land Science) resulted in plan to postpone until Thursday 12/8 to smoke test and reseal as needed (precipitation expected to end by Thursday morning)
- Budget Concrete prepared a “test sample” of the gas barrier seal, which was taken into the construction trailer to cure

Major Equipment On-Site

1	CAT Loader	1	CAT Mini Excavator
2	Skid Steer	1	CAT off Road Dump
1	CAT Dozer	1	Vac Truck (Sun Environmental)
1	JLG Extended boom forklift	1	Cat Extended boom forklift

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Client: UniFirst

Date: 12/7/2022
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Photos

Photo 1: Condition of gas barrier after overnight cure. Inspector tested seal to concrete in foreground, which peeled away cleanly.



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Photo 2: Condition of gas barrier after overnight cure. Inspector tested seam, which peeled away cleanly; typical condition.



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Photo 3: Condition of gas barrier after overnight cure. Inspector tested seals, which failed along seam and along seal to concrete; typical condition.



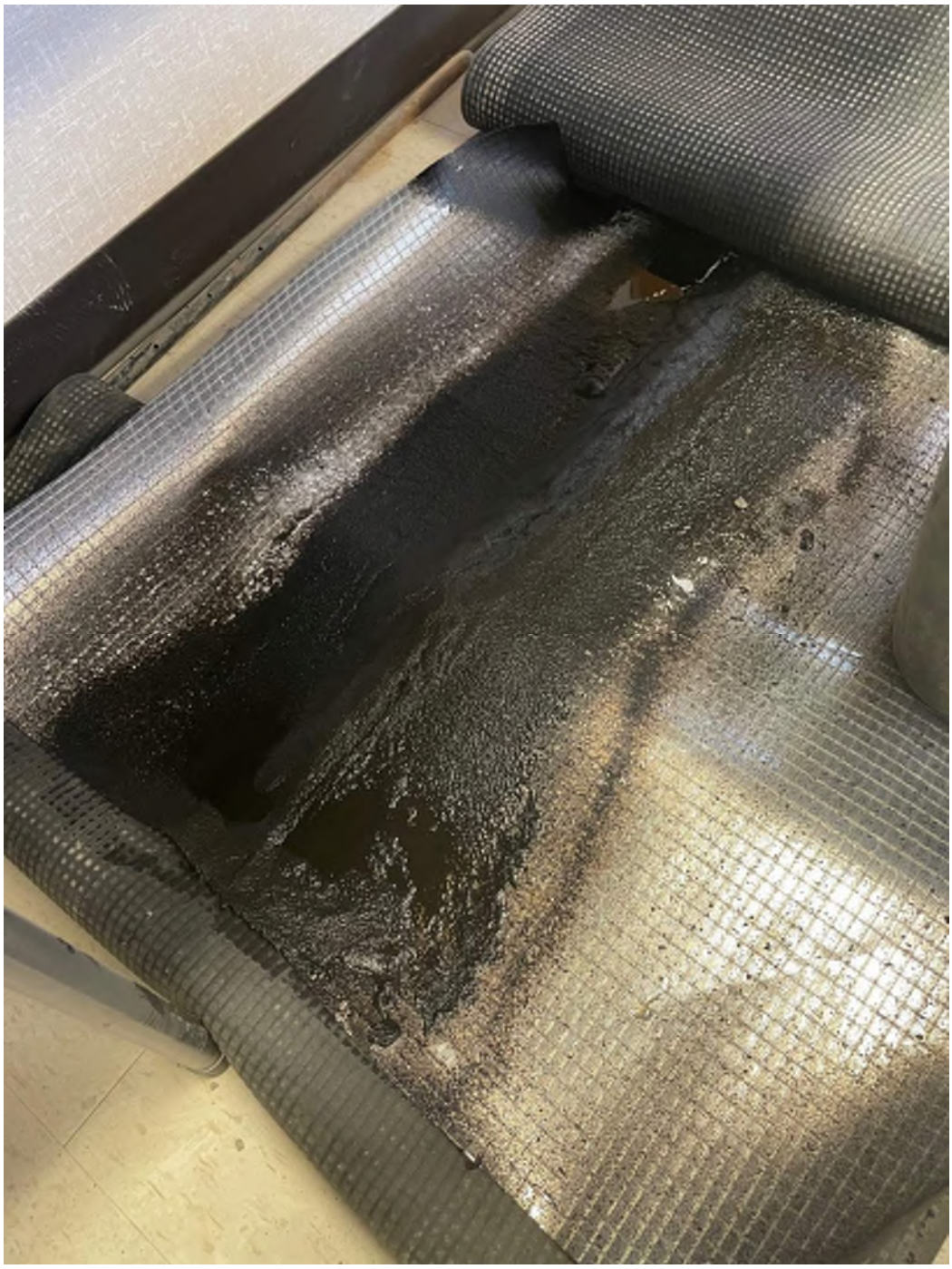
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Photo 4: Product “test sample” curing inside construction trailer.

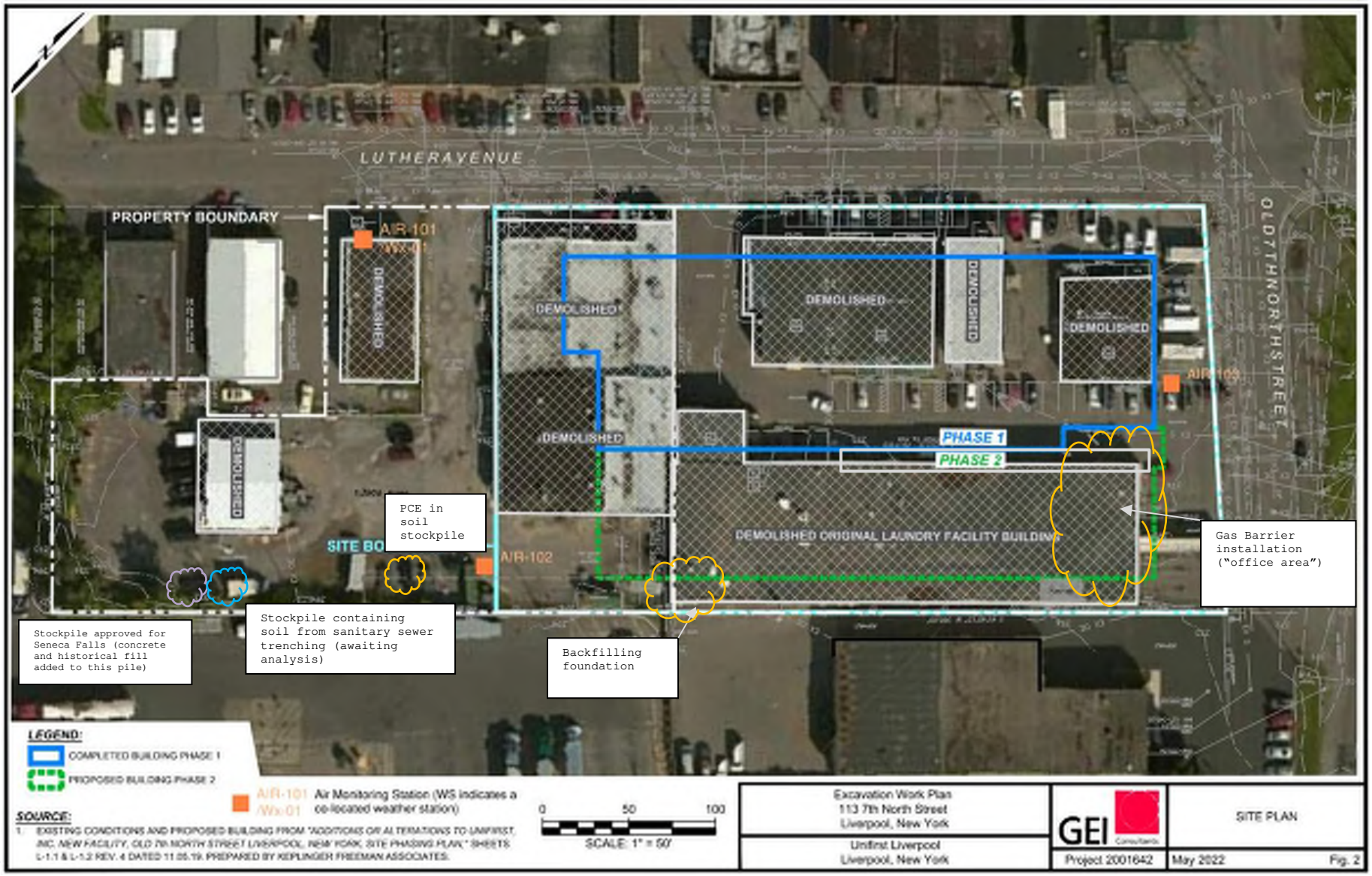


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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/8/2022
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1530**
Weather: Low: 40° **High**: 45° periods of rain

GEI Representatives

- Larry Welch, Sub-Slab Gas Barrier Inspector

Site Visitors

Site Work

- Gas Barrier installation in northern portion of site (“office area”)

Notes and Comments

- [0730] Kick-off meeting with lead installer from Budget Concrete to review Land Science recommendations for improving results Gas Barrier work postponed early morning until rain ends; NitraCore product being heated with power supplied by C&S; test sample from 12/08/22 showed better adhesion but improvement needed, inner seal NitraCore appears less than 60mil required – installer does not have a thickness gauge for QC.
- [1200] Clean/prep one previous seam for NitraCore re-spray, stop to fix nozzle, catalyst spray is not maintaining proper direction.
- [1300] Work resumes on first seam, after sample collected from this seam GEI requested thicker application of inner seam NitraCore, 2nd sample collected – thickness looks acceptable.
- [1400] Progress on second seam suspended due to heavy rain.
- [1430] Crew is cleaning seams to repair and blowing water off membrane. NitraCore spray application postponed until Friday, 12/09/22.
- [13 30] Leaving site, installers placing C&S insulation blankets over seams to help prevent water freezing overnight. Reportedly a second crew is traveling tonight to assist with installation Friday, 12/09/22.

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Photos

Photo 1: Gas Barrier installation – cleaning 1st seam for re-spray



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Photo 2: Gas Barrier installation -areas with weak adhesion pulled/exposed for re-spray



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Photo 3: Gas Barrier installation – coupon sample collected from repaired seam (1st application)

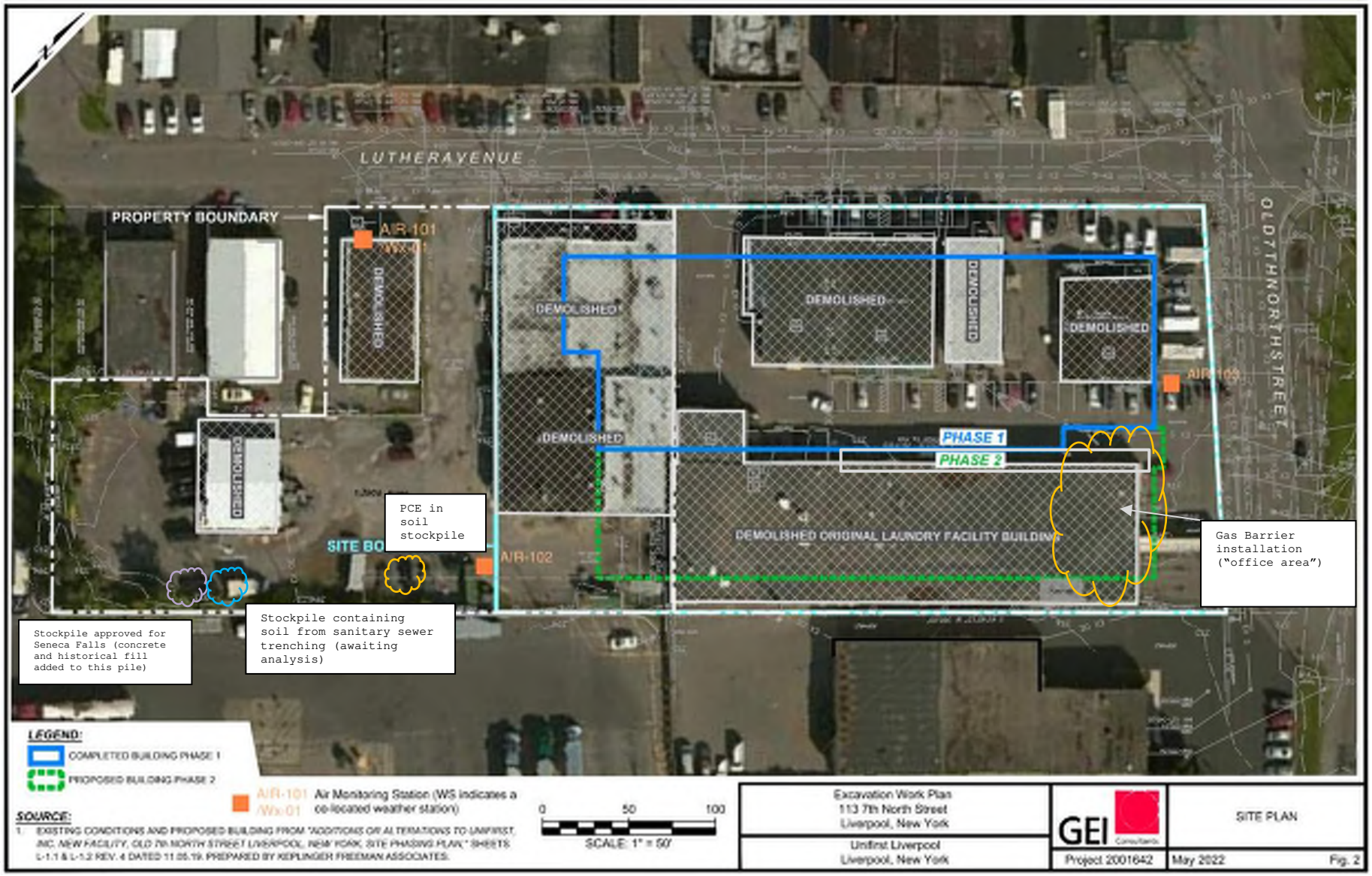


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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 12/21/2022
Project Number: 2001642

Time of Arrival: 0600 **Time of Departure: 1300**
Weather: Low: 17°F **High**: 38°F

GEI Representatives

- Wendy Moore, CAMP and soil loadout observation/manifesting

Site Visitors

Site Work

- Load out of remaining soil pile for Seneca Meadows (2 total loads)

Notes and Comments

- The 3 CAMP stations were powered on and used during load-out
- Sun attempted to break up several large pieces of concrete from building demolition (greater than Seneca Meadows' requirement of 2-ft-minus). Successful in sizing all but two large chunks, which were set aside for C&S to size before the next round of excavations.
- One truck made two trips to load out all of the waste material approved for disposal Seneca Meadows (with exception of two large concrete pieces, see above).
- Once load out was completed, the CAMP stations were turned off and the PIDs were removed and transported to the GEI Ithaca Office (one of the 4 PIDs on the Liverpool site was a monthly rental from Pine, and was returned to Pine in Syracuse)
- One small stockpile remains on site, consisting of material considered to be listed hazardous waste. This is underlain by poly and covered by poly held down with pallets. Low side (adjacent to Pilot Station) is surrounded by silt fencing.

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Photos

Photo 1: Soil stockpile to be loaded out and transported to Seneca Meadows



Photo 2: Stockpile area following removal of soil and transportation to Seneca Meadows

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Photo 3: Chunks of concrete from building demolition that were set aside (could not be sized for transport to Seneca Meadows).



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Photo 4: Remaining (classified listed hazardous) waste soil pile (red-circled area in background is a clean soil stockpile located behind and completely separate from the waste soil pile in foreground. Will be loaded out for disposal at Canadian facility at a later date.

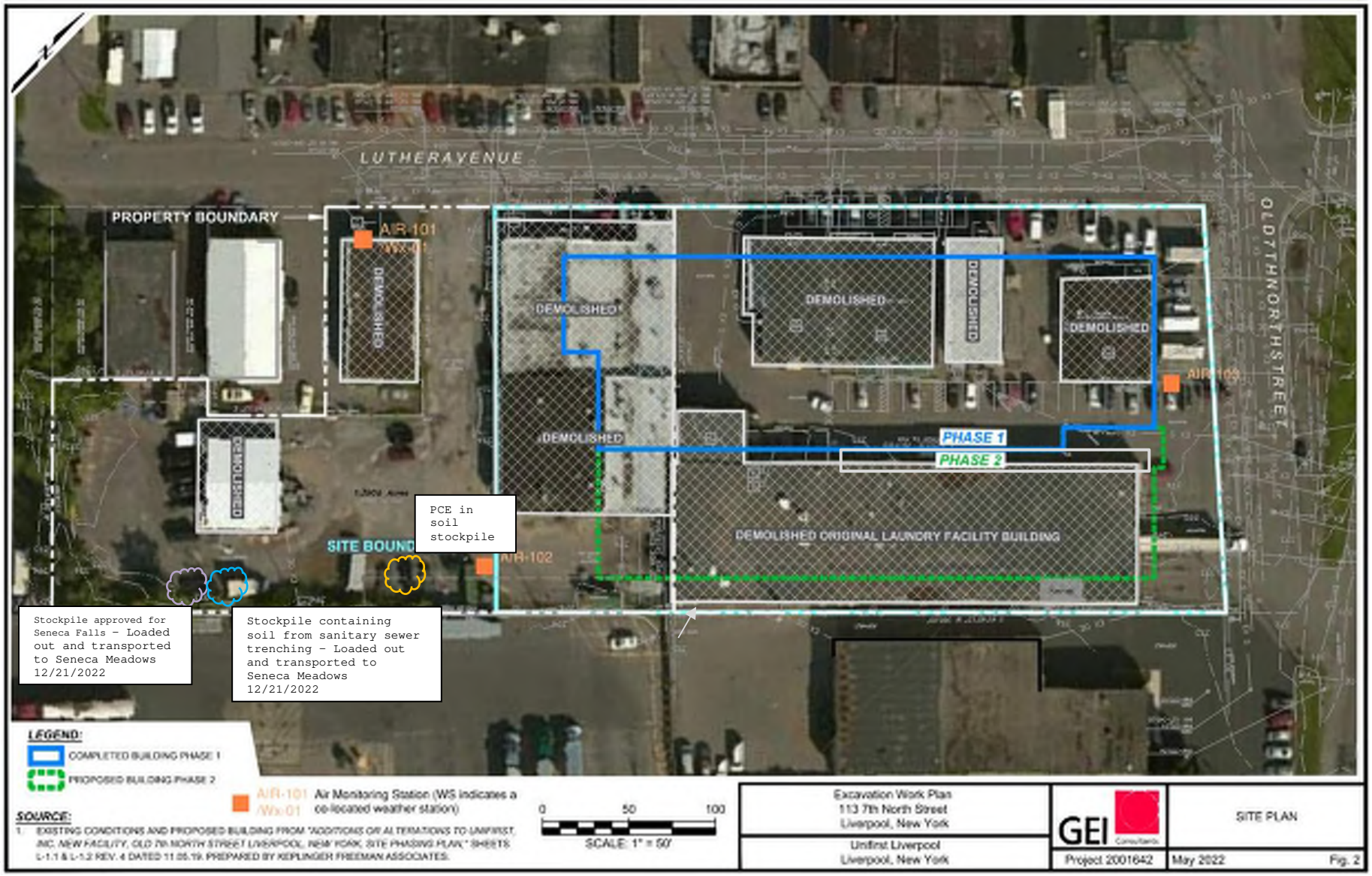


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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 03/27/2023
Project Number: 2001642

Time of Arrival: 0900 **Time of Departure: 1600**
Weather: Low: 40°F **High**: 45°F

GEI Representatives

- Frank Clougherty, G.I.T. and Jordan DesRosier, CAMP and stormwater tank excavation, and vapor intrusion barrier installation.

Site Visitors

Christopher Medvetz	Land Science	Technical Manager			

Site Work

- A total of two (2) CAMP stations were powered on and used during stormwater tank excavation. One (1) in the upwind direction, and one (1) in the downwind direction.
- Fisher Companies (Fisher) excavated a pit with the approximate dimensions of 12-feet deep by 15-feet wide. The excavation was benched, and a trench box was placed inside before stormwater tank installation (see Photograph 1). Approximately 1-foot of clean stone was placed in the bottom of the excavation. The spoils from the excavation were stockpiled on-site and covered with poly.
- Fisher installed the stormwater tank. The annulus of the excavation was backfilled with clean stone (see Photograph 2).
- Budget Concrete (Budget) commenced vapor intrusion barrier deployment. Land Science Mono-base vapor barrier product was deployed. The vapor barrier seams were overlapped a minimum of 6-inches, and Nitra-core was applied in general accordance with the manufacturers detail recommendations (see Photograph 3). Approximately 7,000 square feet (SF) was deployed on this date.
- Budget performed detail work on the vapor barrier, patches were used to cover defects and seal penetrations through the barrier system (see Photograph 4). The penetrations were repaired in general accordance with the manufacturer's penetration sequence detail. The on-site Land Science technical representative (C. Medvetz) agreed with the installer's work completed.

Notes and Comments

- Budget arrived on-site at approximately 11:00 AM with a total of five (5) people.
- Budget completed on-site safety video upon arrival.
- Approximately 7,000 SF out of 9,000 SF was completed on this date.
- Approximate extent of vapor barrier installation, stormwater tank excavation limit/ spoils stockpile location, and CAMP monitoring locations are shown on attached figure.

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Photographs



Photograph 1: Fisher excavating pit for stormwater tank.

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Photograph 2: Fisher installing stormwater tank and backfilling with clean stone.

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Photograph 3: Budget installing vapor intrusion barrier system.

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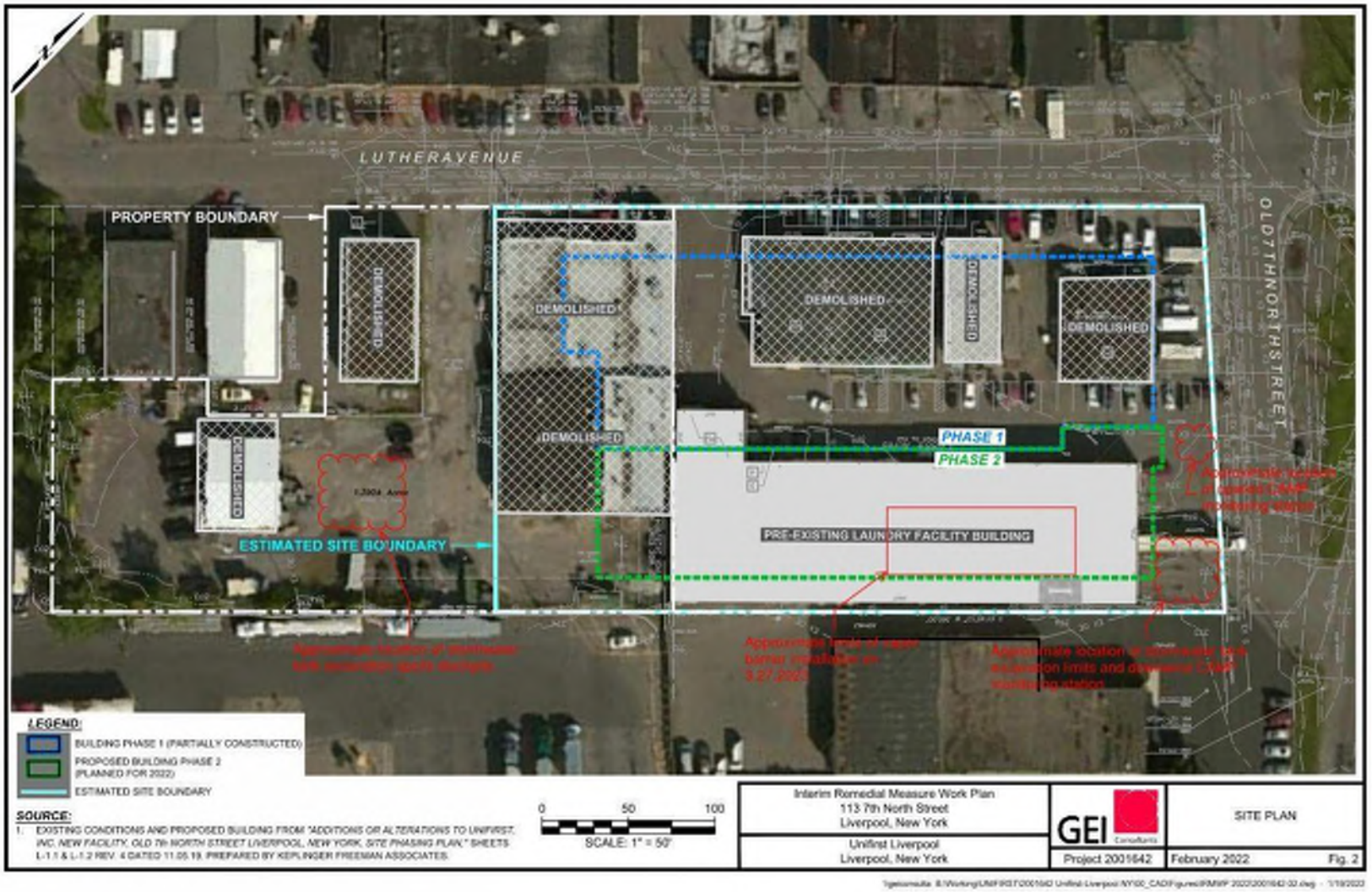
Photograph 4: Budget performing detail work on vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 03/28/2023
Project Number: 2001642

Time of Arrival: 0700 **Time of Departure: 1600**
Weather: Low: 35°F **High**: 45°F

GEI Representatives

- Frank Clougherty, G.I.T., CAMP and stormwater tank excavation, and vapor intrusion barrier installation.

Site Visitors

Site Work

- A total of two (2) CAMP stations were powered on and used during stormwater tank excavation. One (1) in the upwind direction, and one (1) in the downwind direction.
- Fisher Companies (Fisher) continued installing the stormwater tank. The annulus of the excavation was backfilled with clean stone.
- Budget Concrete (Budget) continued vapor intrusion barrier panel deployment. Land Science Mono-base vapor barrier product was deployed. The vapor barrier seams were overlapped a minimum of 6-inches, and Nitra-core was applied in general accordance with the manufacturers detail recommendations (see Photograph 1). Approximately 2,000 square feet (SF) was deployed on this date.
- Budget continued performing detail work on the vapor barrier panels, patches were used to cover defects and seal penetrations through the barrier system (see Photograph 2). The penetrations were repaired in general accordance with the manufacturer's penetration sequence.
- Budget performed smoke testing on the vapor barrier system. A total of seven (7) locations were selected to test the system (see Photograph 3). The locations were spatially distributed so that testing covered the entire footprint of the vapor barrier system. Defects detected during the smoke test were repaired in general accordance with the manufacturer's recommendations. Repair patches were placed and repaired over the punctures made for the fog machine injection prior to testing and sealed with Nitra-core.
- Budget deployed cushion geotextile over the vapor barrier geomembrane (see Photograph 4). The geotextile was overlapped a minimum of 6-inches and covered the entire vapor barrier footprint.

Notes and Comments

- Approximately 2,000 SF of vapor barrier was installed on this date.
- Upwind CAMP monitoring exceedance recorded at 7:30 AM during failed calibration process. No actual exceedance event occurred on this date.
- Approximate extent of vapor barrier installation, stormwater tank excavation limit/ spoils stockpile location, and CAMP monitoring locations are shown on attached

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figure.

Photographs



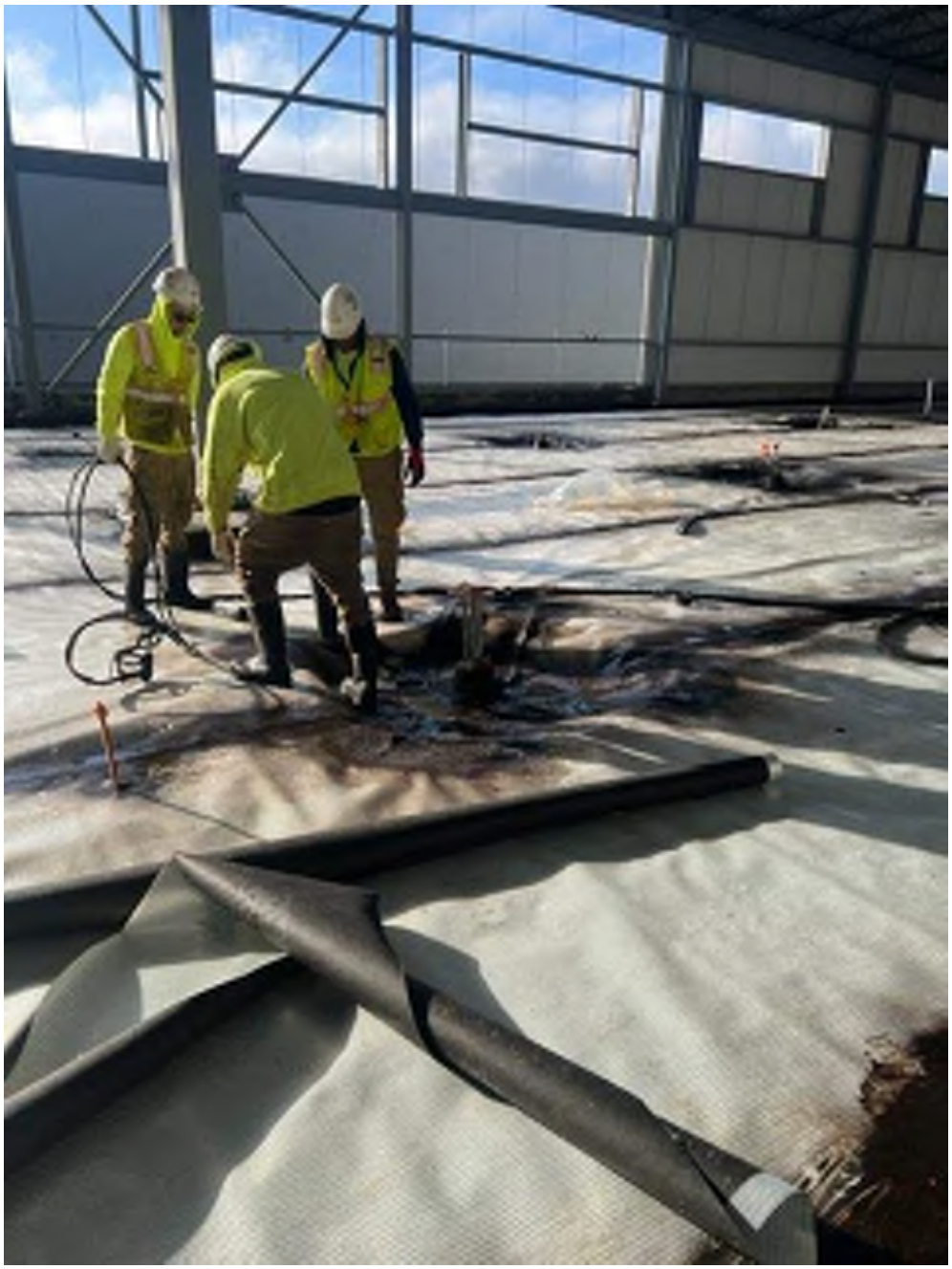
Photograph 1: Budget installing vapor intrusion barrier system.

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Photograph 2: Budget performing detail work on vapor intrusion barrier system.

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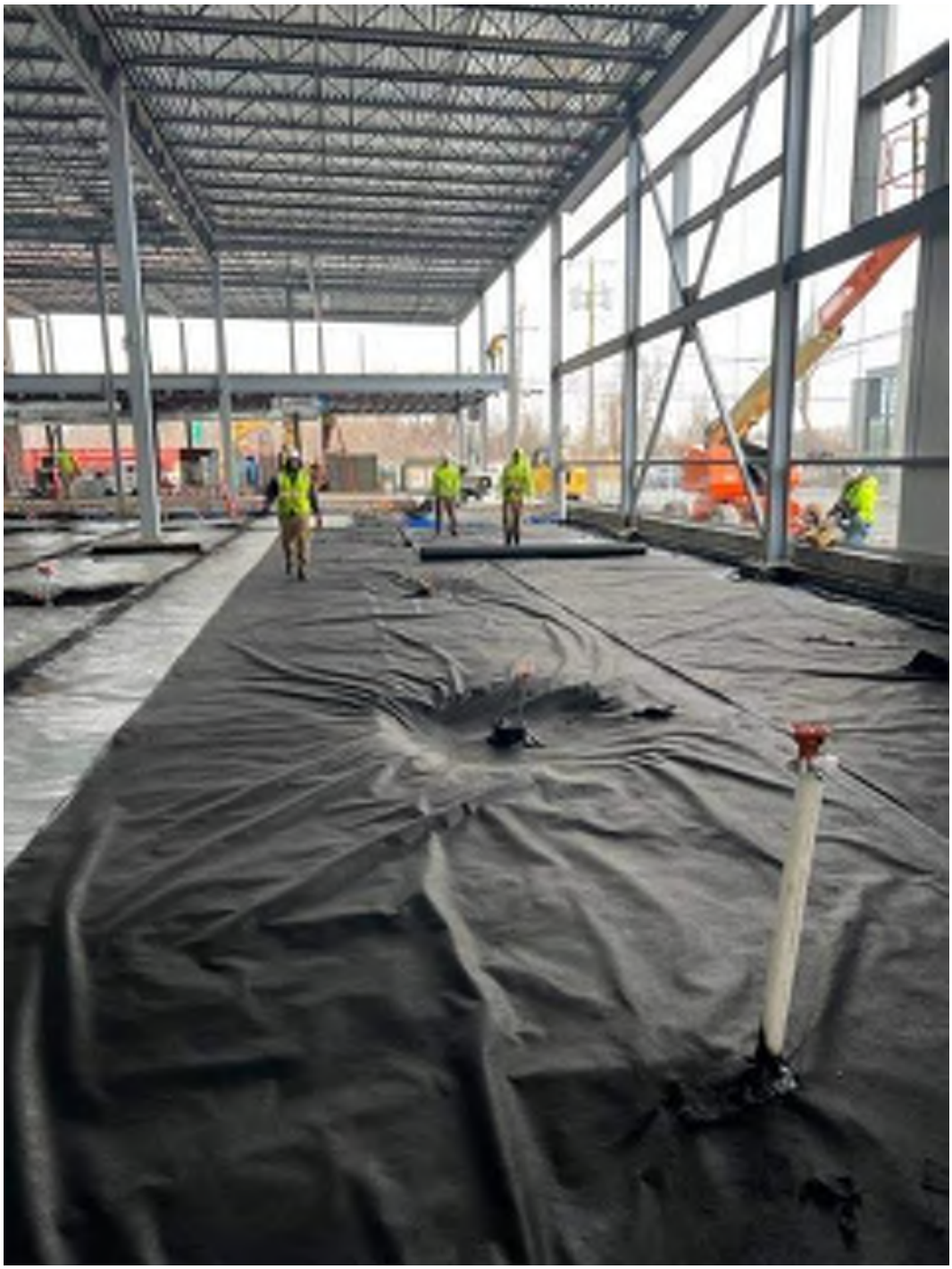
Photograph 3: Budget performing smoke testing on vapor intrusion barrier system.

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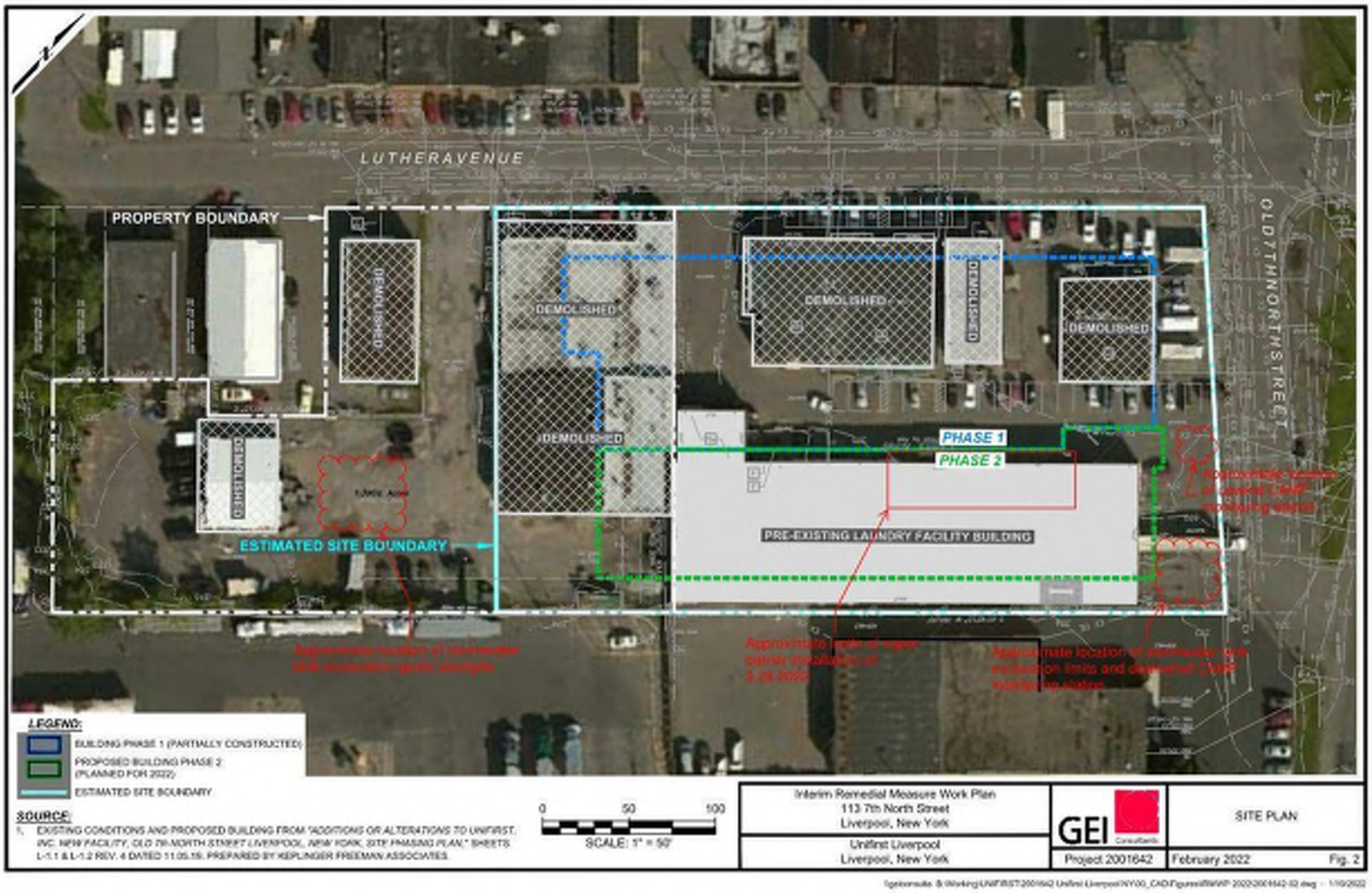
Photograph 4: Budget installing cushion geotextile detail over vapor intrusion barrier system

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 04/17/2023
Project Number: 2001642

Time of Arrival: 0900 **Time of Departure: 1700**
Weather: Low: 40°F **High**: 45°F

GEI Representatives

- Frank Clougherty, G.I.T.

Site Visitors

Site Work

- Budget Concrete (Budget) commenced vapor intrusion barrier deployment. Land Science Mono-base vapor barrier product was deployed. The vapor barrier seams were overlapped a minimum of 6-inches, and Nitra-core was applied in general accordance with the manufacturers detail recommendations (see Photograph 1). Approximately 9,000 square feet (SF) was deployed on this date.
- Budget performed detail work on the vapor barrier, patches were used to cover defects and seal penetrations through the barrier system (see Photograph 2). The penetrations were repaired in general accordance with the manufacturer's penetration sequence detail.

Notes and Comments

- Budget arrived on-site at approximately 9:30 AM with a total of five (5) people.
- Approximate extent of vapor barrier installation is shown on attached figure.

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Client: UniFirst

Date: 04/17/2023
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Photographs



Photograph 1: Budget installing vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 04/17/2023
Project Number: 2001642



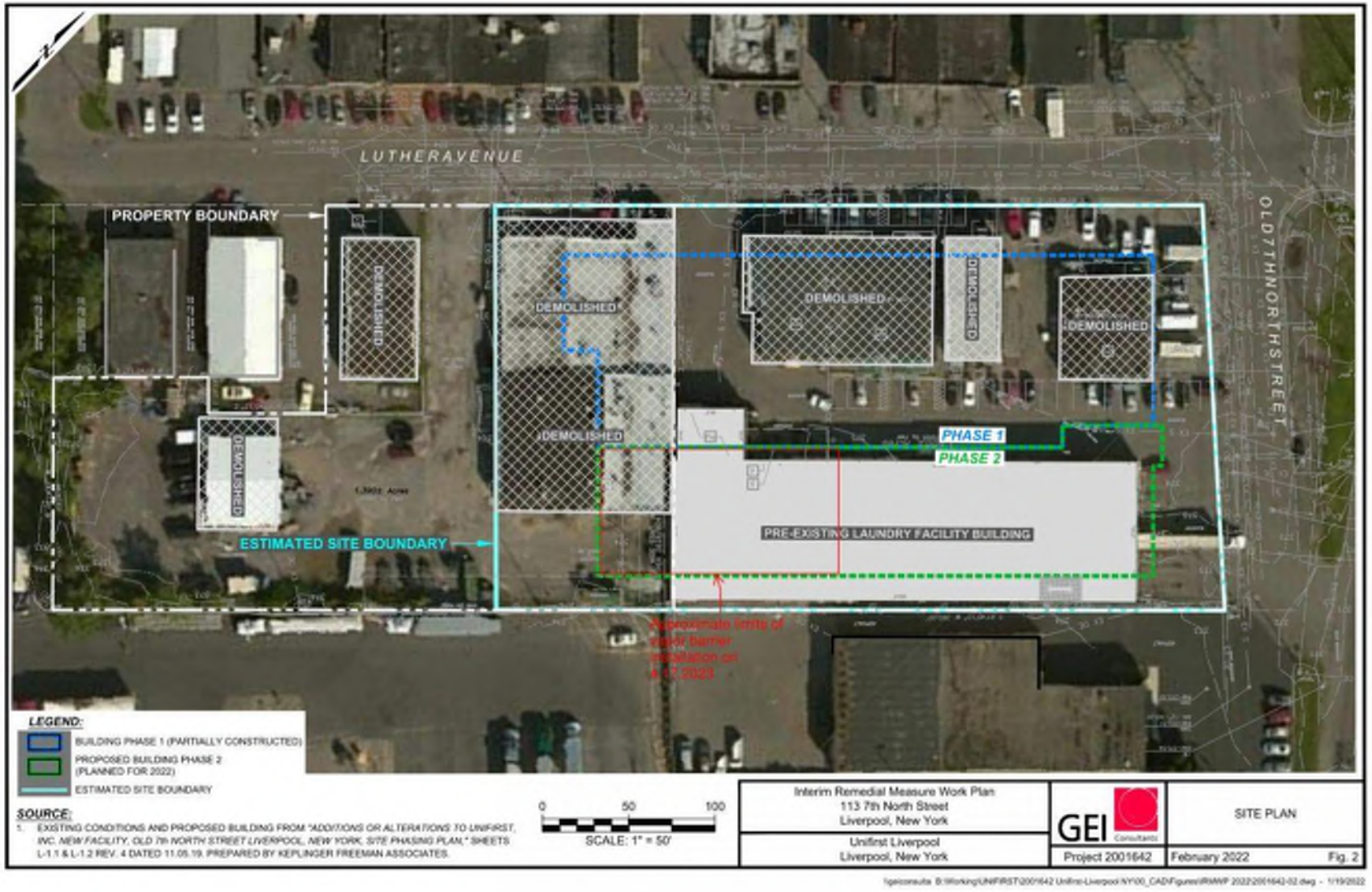
Photograph 2: Budget performing detail work on vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 04/17/2023
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 04/18/2023
Project Number: 2001642

Time of Arrival: 0700 **Time of Departure: 1400**
Weather: Low: 30°F **High**: 40°F

GEI Representatives

- Frank Clougherty, G.I.T.

Site Visitors

Site Work

- Budget Concrete (Budget) continued detail work on the vapor barrier, patches were used to cover defects and seal penetrations through the barrier system (see Photograph 1). The penetrations were repaired in general accordance with the manufacturer's penetration sequence detail.
- Budget performed smoke testing on the vapor barrier system. A total of seven (7) locations were selected to test the system (see Photograph 2). The locations were spatially distributed to ensure testing covered the entire footprint of the vapor barrier system. Defects detected during the smoke test were repaired according to the manufacturer's recommendations. Repair patches were placed and repaired over the punctures made for the fog machine injection prior to testing.
- Budget deployed cushion geotextile over the vapor barrier geomembrane (see Photograph 3). The geotextile was overlapped a minimum of 6-inches and covered the entire vapor barrier footprint.

Notes and Comments

- Approximate extent of vapor barrier detail work and smoke testing is shown on attached figure.

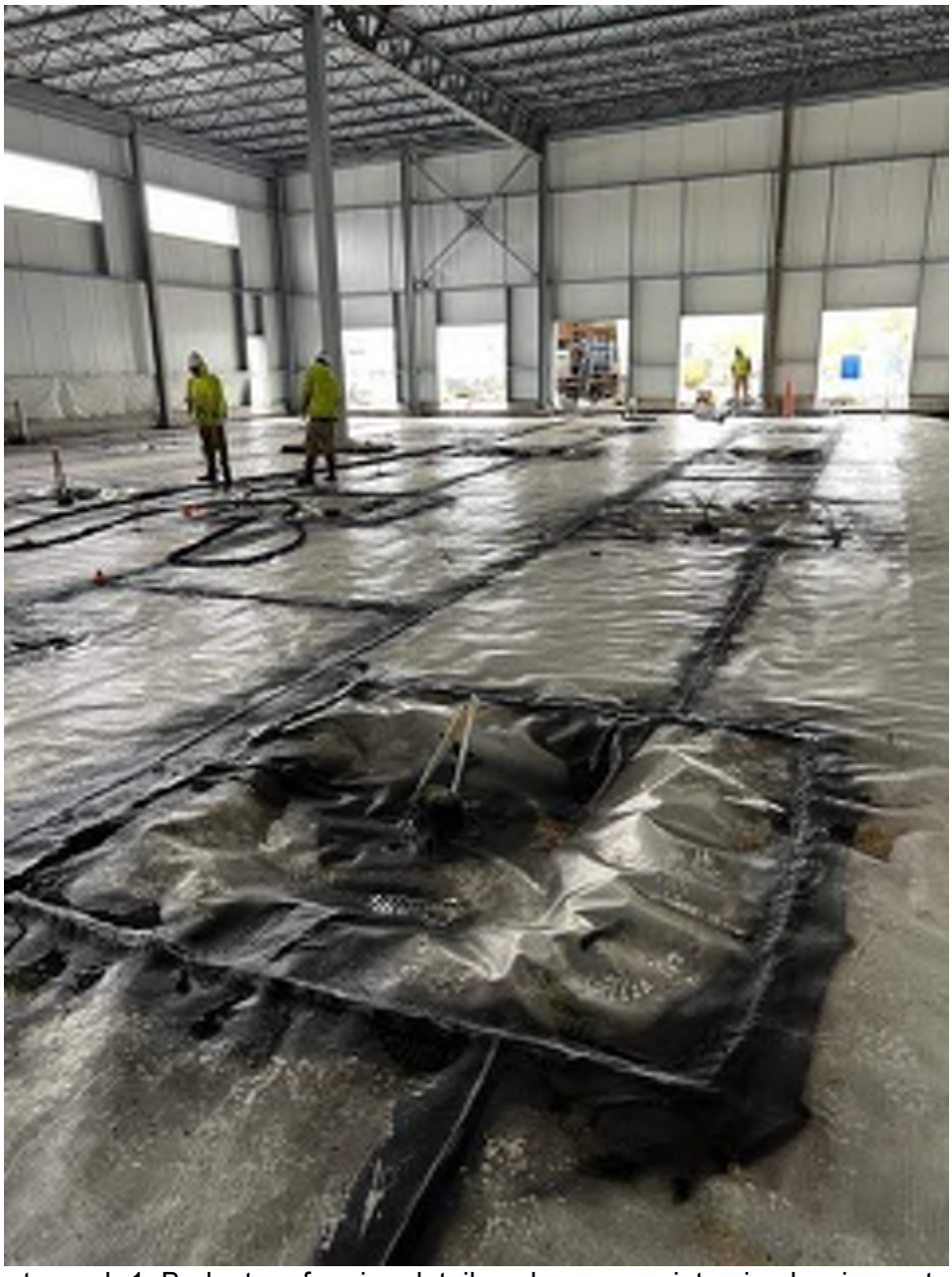
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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 04/18/2023
Project Number: 2001642

Photographs



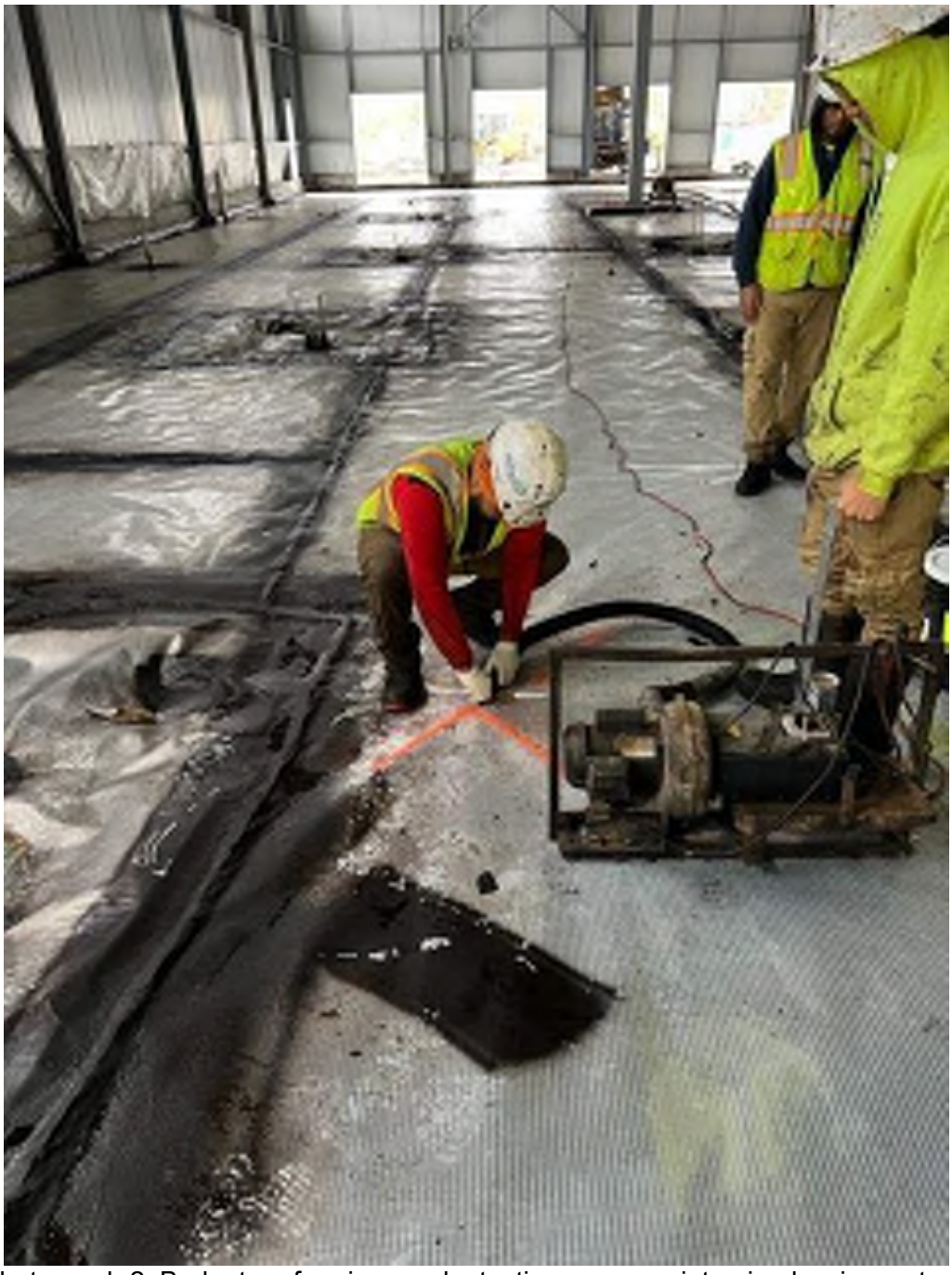
Photograph 1: Budget performing detail work on vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 04/18/2023
Project Number: 2001642



Photograph 2: Budget performing smoke testing on vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 04/18/2023
Project Number: 2001642



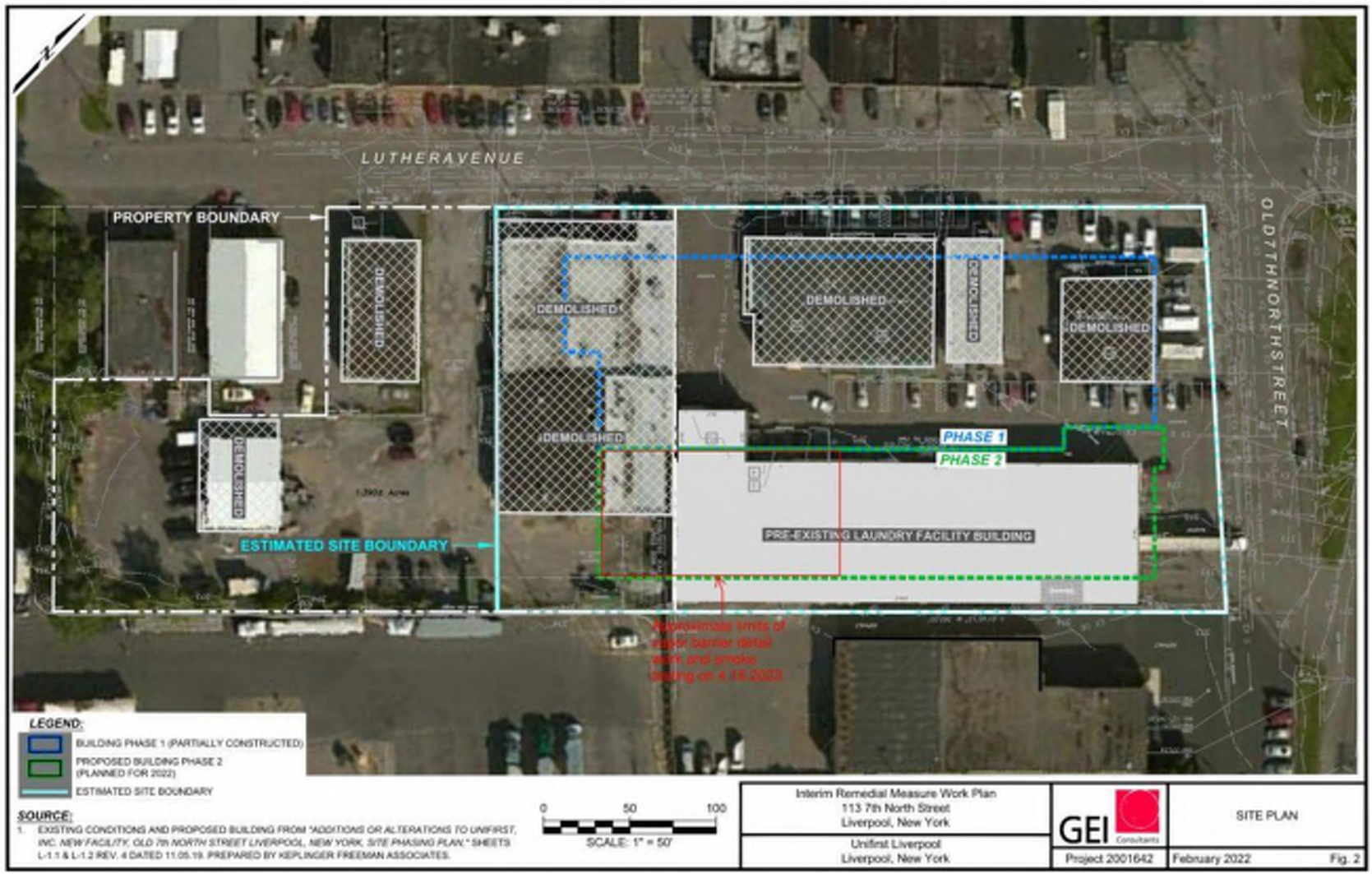
Photograph 3: Budget installing cushion geotextile over vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 04/18/2023
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/04/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 12
		GEI Proj. No.	2001642

Time of Arrival: 0630 **Time of Departure: 1615**
Weather: Low 40's - 50's °F, overcast

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/04/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	2 of 12
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Photos



Photo 1: water encountered during swale excavation

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Project:	UniFirst - Liverpool	**Field Date:**	05/04/23
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Contractor:	C&S		
Client:	UniFirst	**Page:**	3 of 12
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Photo 2: Before Excavation

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Photo 3: Concrete barrier encountered

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FIELD OBSERVATION REPORT

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Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	5 of 12
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Photo 4: Dewatering into filtration system

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/04/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	6 of 12
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Photo 5: Excavation Progress

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Photo 6: Excavation Progress (cont)

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Photo 7: Excavation Progress (cont)

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Photo 8: Excavation Progress (cont)

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/04/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	10 of 12
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Photo 9: Excavation Progress (cont)

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/04/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	11 of 12
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Photo 8: Excavation Progress (cont)

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/04/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	12 of 12
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Photo 9: Loading out material for transport offsite

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/5/2023
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1600**
Weather: Low: mid 40s °F **High**: mid 50s °F, overcast, slight breeze

GEI Representatives

- Wendy Moore

Site Visitors

- Wayne Nielson, Parratt Wolff

Site Work

- Excavation of swale along eastern wall of Phase 2 building.
- Dump truck used to transport excavated soil across the site to stockpile at the south end for loadout to Seneca Meadows the following week.

Notes and Comments

- PID was used to screen stockpile each time a truck offloaded a load of soil: PID 0.0 ppm throughout.
- Parratt Wolff visited the site at 1000 to discuss installation of MW3S/I and MW4S/I within the finished swale. C&S Superintendent (Dave Taillie) met with GEI and Parratt Wolff to discuss the details and timing of the work.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/5/2023
Project Number: 2001642

Photographs



Photograph 1: Swale Excavation

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/5/2023
Project Number: 2001642



Photograph 2: Swale excavation progress at end of day 5/5/2023

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/5/2023
Project Number: 2001642



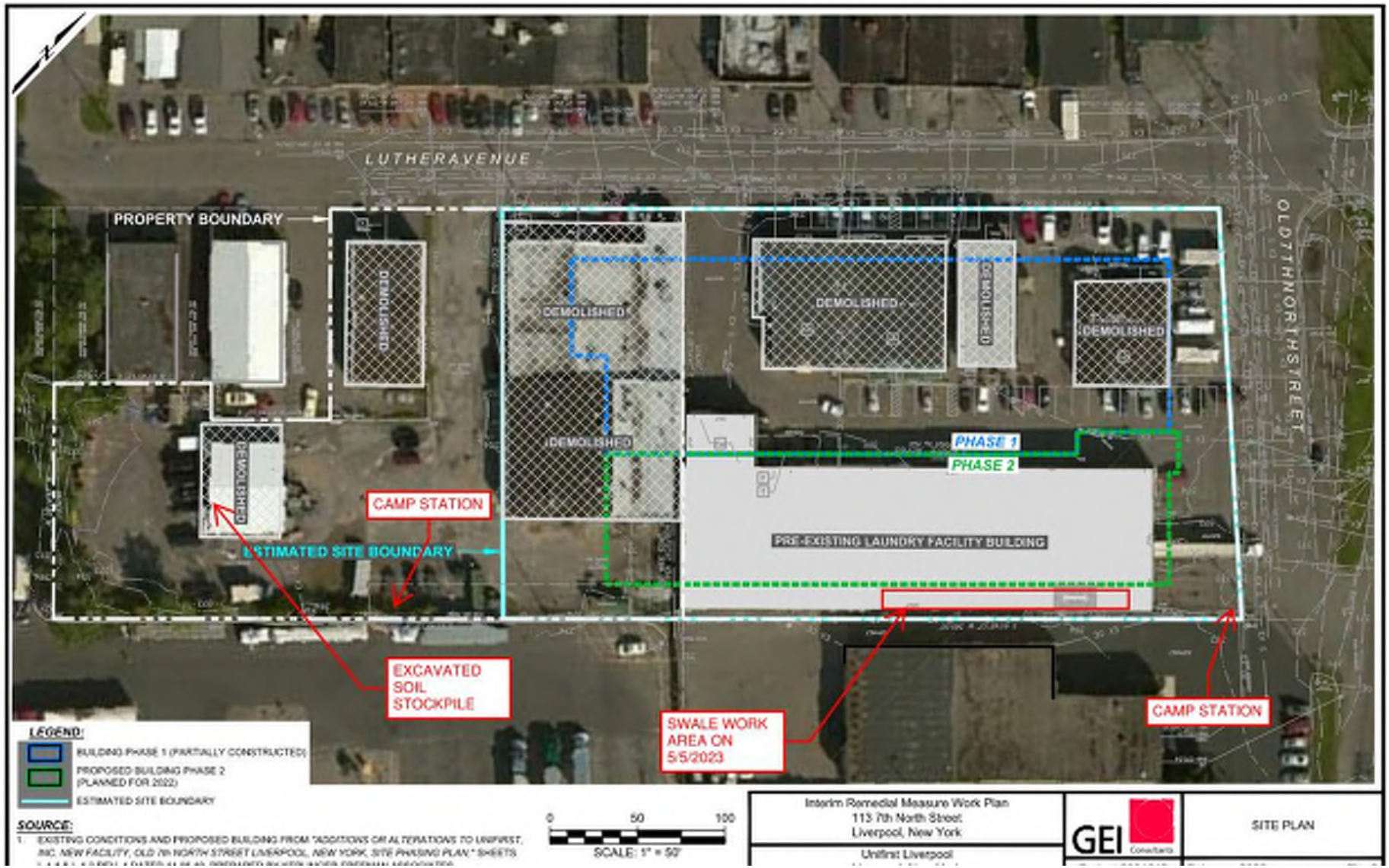
Photograph 3: Stockpile at end of day 5/5/2023

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/5/2023
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/08/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 5
		GEI Proj. No.	2001642

Time of Arrival: 0630 **Time of Departure: 1615**
Weather:50's - 60's °F, overcast

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/08/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	2 of 5
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Photos



Photo 1: Swale excavation progress

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/08/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	3 of 5
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Photo 2: Material staging area

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/08/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	4 of 5
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Photo 3: Staged material being loaded out for offsite transportation

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/08/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	5 of 5
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Photo 4: Swale excavation progress (cont)

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/09/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 4
		GEI Proj. No.	2001642

Time of Arrival: 0630 **Time of Departure: 1615**
Weather: 40's - 60's °F, overcast

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/09/23
Env. Engineer:	GEI Consultants Inc., P.C.		
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Photos



Photo 1: Swale excavation progress

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/09/23
Env. Engineer:	GEI Consultants Inc., P.C.		
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Client:	UniFirst	**Page:**	3 of 4
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Photo 2: Staged material being loaded out for offsite transportation (cont)

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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/09/23
Env. Engineer:	GEI Consultants Inc., P.C.		
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Client:	UniFirst	**Page:**	4 of 4
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Photo 3: Staged material being loaded out for offsite transportation

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/10/2023
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1600**
Weather: Low: mid 30s °F **High**: mid 60s °F, sunny, slight breeze

GEI Representatives

- Wendy Moore

Site Visitors

- None

Site Work

- Excavation and shaping of swale along eastern wall of Phase 2 building.
- Dump truck and loader were used to transport excavated soil across the site to stockpile at the south end for loadout to Seneca Meadows on Thursday 5/11.
- Collection of soil samples from test pits (dug by C&S's subcontractor) for waste characterization/contained-in approval.

Notes and Comments

- PID was used to screen stockpile each time a truck offloaded a load of soil: PID ranged from 0.0 to 32.3 ppm, with the higher readings coming from soils excavated from the known "source zone."
- Samples were collected and taken to Alpha's Syracuse Service Center. A photograph of each sample are available in the project file.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/10/2023
Project Number: 2001642

Photographs



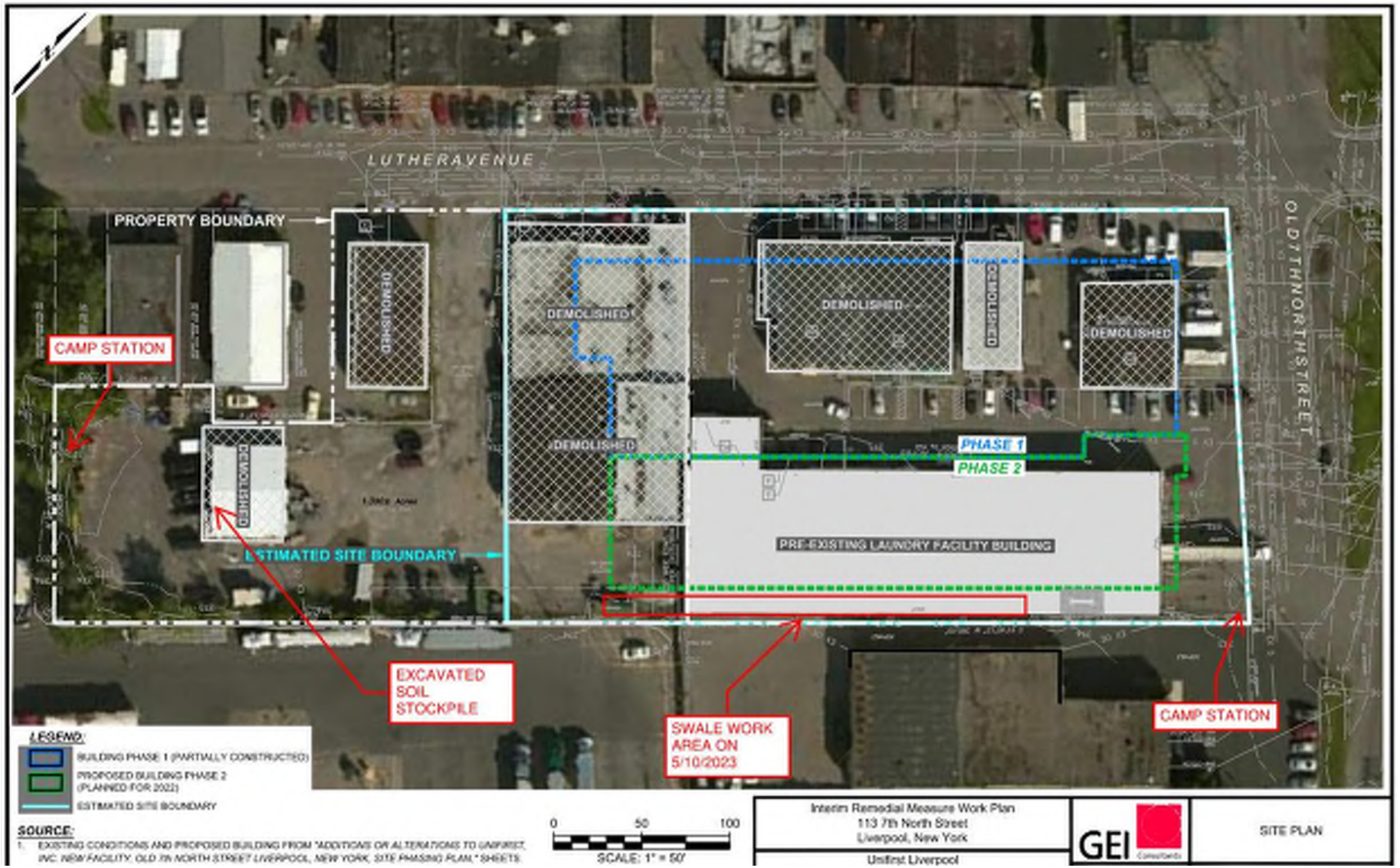
Photograph 1: Swale construction progress at end of day 5/10/2023

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/11/2023
Project Number: 2001642

Time of Arrival: 0630 **Time of Departure: 1600**
Weather: Low: mid 40s °F **High**: low 70s °F, sunny, slight breeze

GEI Representatives

- Wendy Moore

Site Visitors

- Michael Belveg, NYSDEC Project Manager
- Johnathan Robinson, NYSDOH Project Manager

Site Work

- Excavation and shaping of swale along eastern wall of Phase 2 building.
- Dump truck and loader were used to transport excavated soil across the site to stockpile at the south end for loadout to Seneca Meadows on Thursday 5/11.
- Load out of two trucks for transportation to Seneca Meadows

Notes and Comments

- PID was used to screen stockpile throughout day: PID ranged from 0.0 to 0.5 ppm.
- Four loads scheduled for transportation to Seneca Meadows (two trucks making two trips); however, 2nd truck's license plate was not recorded on Part 364 permit, so it was turned away and only two loads were removed by the one remaining truck.
- NYSDEC and NYSDOH arrived at approximately 1500. GEI took them on a tour of the site, including NYSDOH inspection of the CAMP stations, observation of day's excavation/swale shaping work and the soil stockpile, as well as observation/discussion of the downgradient area and potential alternate Remedial Investigation downgradient investigation locations (on non-Sposato-owned lands). NYSDOH also discussed dust control measures with the C&S (fill-in) Superintendent.
- GEI discussed both dust control and erosion control measures with C&S (fill-in) Superintendent (Joe C.), including the need to repair the silt fence that borders the southern property lines and encompasses the soil stockpile, and the fact that their SWPPP is not in the site SWPPP mailbox as it should be.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/11/2023
Project Number: 2001642

Photographs



Photograph 1: Close-up of finished swale conditions 5/11/2023

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/11/2023
Project Number: 2001642



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FIELD OBSERVATION REPORT

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Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/11/2023
Project Number: 2001642

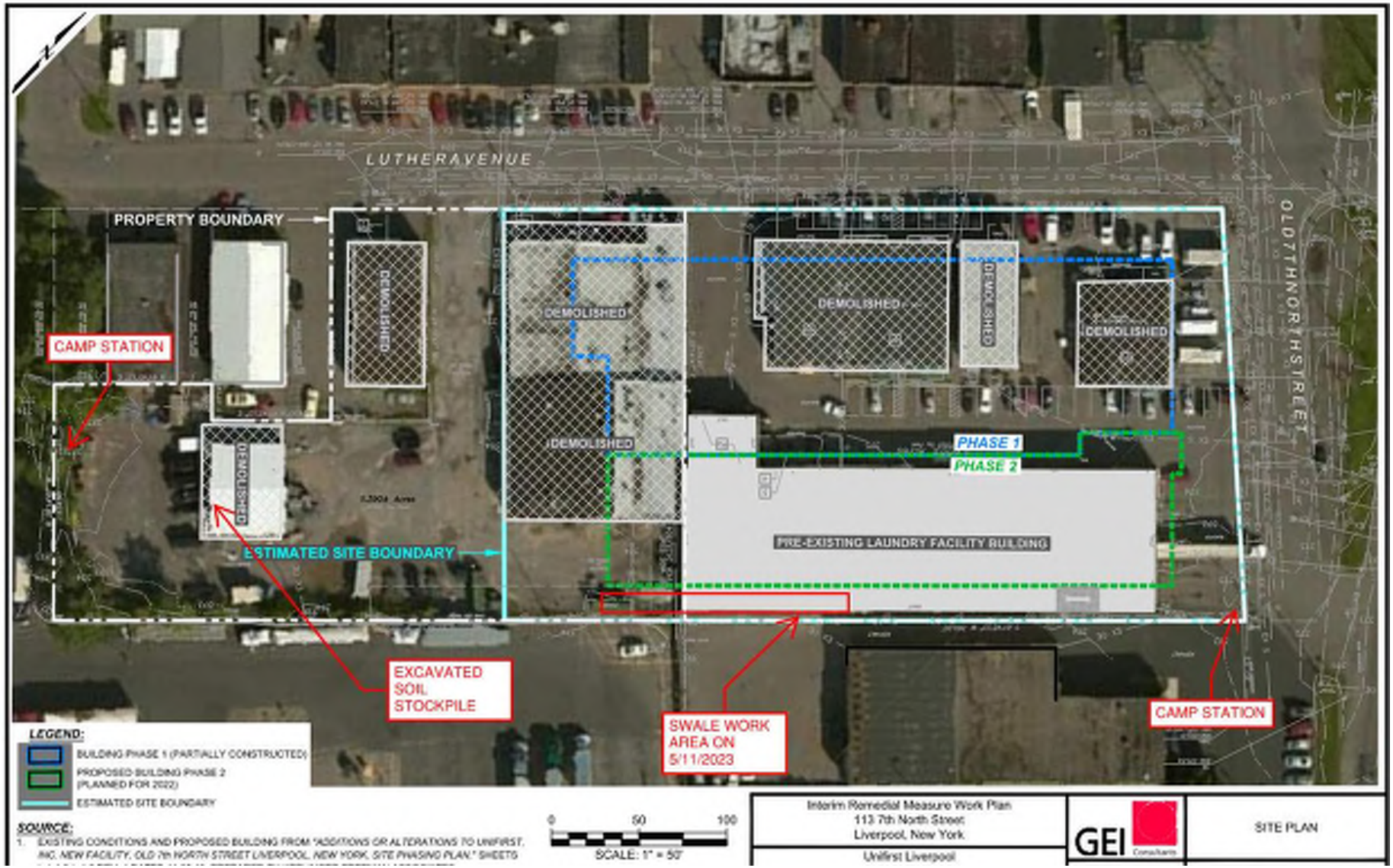
Photograph 2: Swale construction progress at end of day 5/11/2023

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 05/11/2023
Project Number: 2001642



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FIELD OBSERVATION REPORT

Project:	UniFirst - Liverpool	**Field Date:**	05/17/23
Env. Engineer:	GEI Consultants Inc., P.C.		
Contractor:	C&S		
Client:	UniFirst	**Page:**	1 of 4
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Time of Arrival: 0630 **Time of Departure: 1630**
Weather: Low: High 30s °F **High**: low 50s °F, sunny, slight breeze

GEI Representatives

- J. Prygon
- W. Moore

Site Visitors/Other

- N/A

Site Work

- Excavation of underdrains south of Phase 2 building.
- 6-inch deep excavation across entire surface south of Phase 2 building, working from building south toward soil stockpile.
- Dump truck and loader were used to transport excavated soil across the site to stockpile at the south end for loadout to Seneca Meadows on Wednesday 5/24.

Notes and Comments

- 0630-0740 W.Moore on site to assist J.Prygon with setup and calibration of CAMP equipment, general site orientation
- PID was used to screen stockpile throughout day: PID ranged from 0.0 to 0.1 ppm

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FIELD OBSERVATION REPORT

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Photos



Photograph 1-Covered stockpile at the end of the day

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FIELD OBSERVATION REPORT

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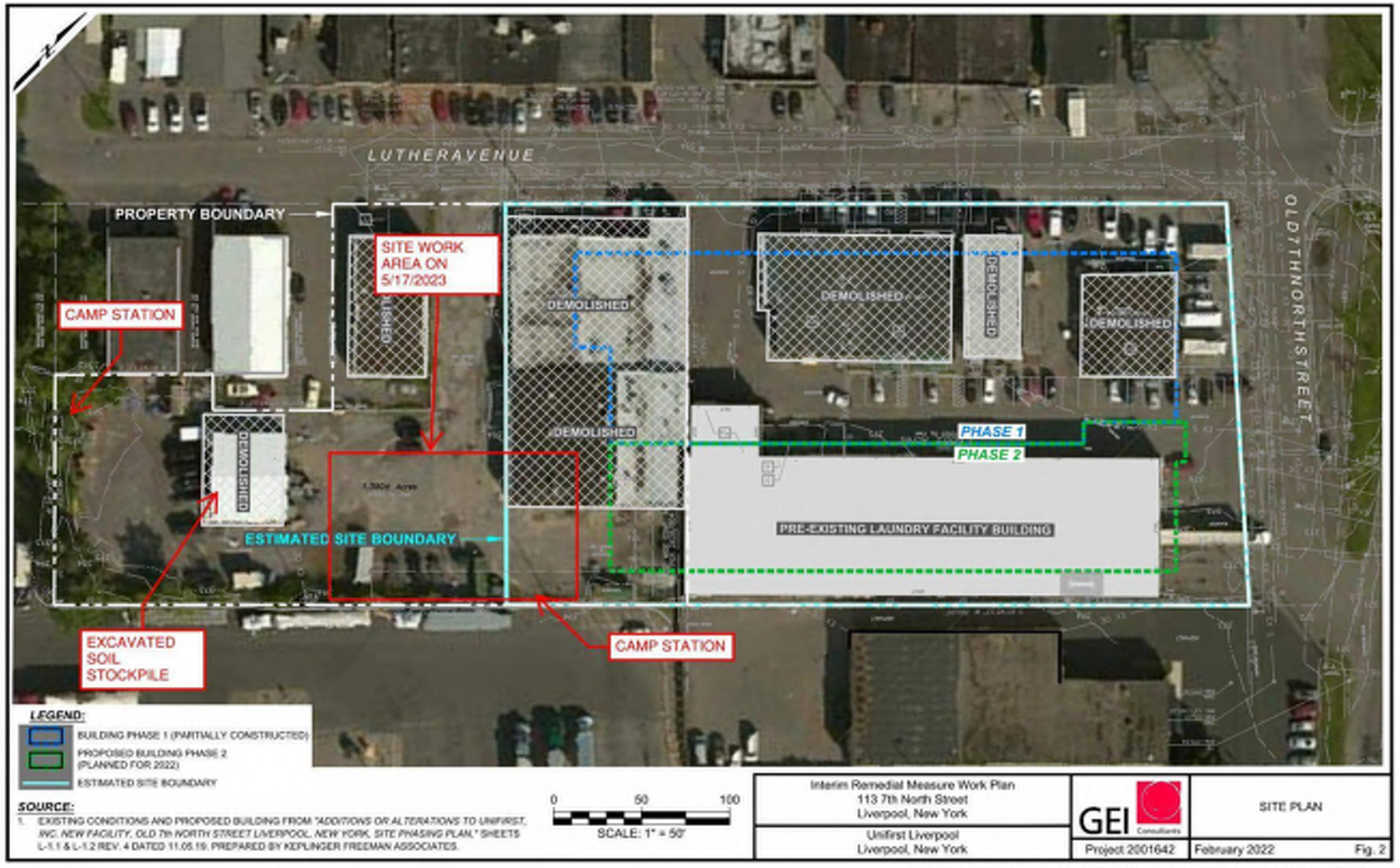


Photograph 2-Excavation area at the end of the day

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FIELD OBSERVATION REPORT

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Time of Arrival: 0645 **Time of Departure: 1600**
Weather: Low: Low 30s °F **High**: Mid 60s °F, sunny, slight breeze

GEI Representatives

- J. Prygon

Site Visitors/Other

- N/A

Site Work

- Excavation of underdrains south of Phase 2 building.
- 6-inch deep excavation across area south of Phase 2 building, working southward toward soils stockpile.
- Installation of drainpipes in underdrain trenches
- Dump truck and loader were used to transport excavated soil across the site to stockpile at the south end for loadout to Seneca Meadows on Wednesday 5/24.

Notes and Comments

- PID was used to screen stockpile throughout day: PID ranged from 0.0 to 0.1 ppm

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FIELD OBSERVATION REPORT

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Photos



Photograph 1- Excavation area at beginning of day

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FIELD OBSERVATION REPORT

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Photograph 2-Underdrain excavation & pipe installation

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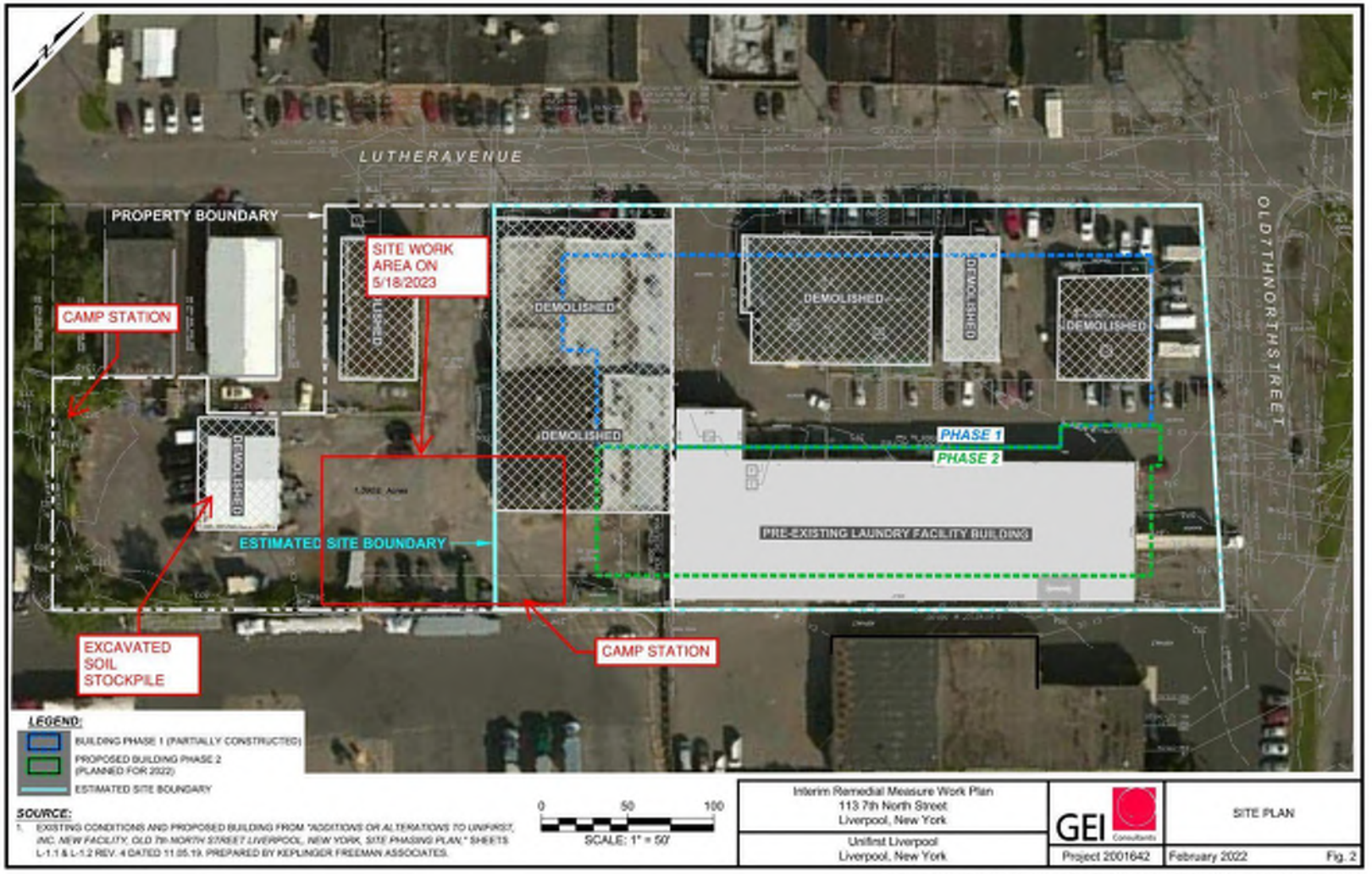


Photograph 3-Grading post sewage pipe installment

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Time of Arrival: 0630 **Time of Departure: 1615**
Weather: 40's - 60's °F, overcast

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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Photos



Photo 1: Current material staging area

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Photo 2: Staged material being loaded out for offsite transportation (cont)

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Photo 3: Staged material being loaded out for offsite transportation

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FIELD OBSERVATION REPORT

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Time of Arrival: 0630 **Time of Departure: 1540**
Weather: 40's °F, overcast

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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Photos



Photo 1: Swale excavation at start of day

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Photo 2: Swale excavation progress (cont)

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Photo 3: Staged material being loaded out for offsite transportation

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Photo 4: Staged material being loaded out for offsite transportation (cont)

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FIELD OBSERVATION REPORT

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Contractor:	C&S		
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Time of Arrival: 0630 **Time of Departure: 1430**
Weather: 40's °F, overcast

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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FIELD OBSERVATION REPORT

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Photos



Photo 1: Swale excavation at start of day

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Photo 2: Swale excavation progress (cont)

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Photo 3: Staged material being loaded out for offsite transportation

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FIELD OBSERVATION REPORT

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Time of Arrival: 0630 **Time of Departure: 1545**
Weather: 60's-80's °F, clear skies

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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Photos



Photo 1: Construction near rear of building

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Photo 2: Construction near rear of building (cont)

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Photo 3: Remaining stockpile after final GEI Waste-Manifest managed load

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Photo 4: material loadout for offsite transportation

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Time of Arrival: 0630 **Time of Departure: 1530**
Weather: 60's-80's °F, partly cloudy

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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Photos



Photo 1: C&S enacting dust-control measures

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Photo 2: Construction near rear of building

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Photo 3: Construction near rear of building (cont)

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Photo 4: First C&S-managed waste material being transported offsite to Camillus

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Time of Arrival: 0630 **Time of Departure: 1530**
Weather: 60's-80's °F, partly cloudy

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- N/A

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm

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Photos



Photo 1: C&S enacting dust-control measures

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Photo 2: Construction near rear of building

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Photo 3: Construction near rear of building (cont)

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Time of Arrival: 0630 **Time of Departure: 1620**
Weather: 50's-70's °F, overcast, completely smokey everywhere

GEI Representatives

- J. DesRosiers

Site Visitors/Other

- Parrett Wolff drill team - Jolann and Jordan

Site Work

- Excavation of swale through "corridor" along Sposato and Unifirst property boundary
- Material loadout

Notes and Comments

- PID was used to screen stockpiled material throughout day: PID ranged from 0.0 to 0.3 ppm
- NYSDEC issued Air Quality Alert as fires in Canada spread smoke clouds southwards throughout New York State. Health and Safety talk held with drillers, in which masks were offered.

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Photos

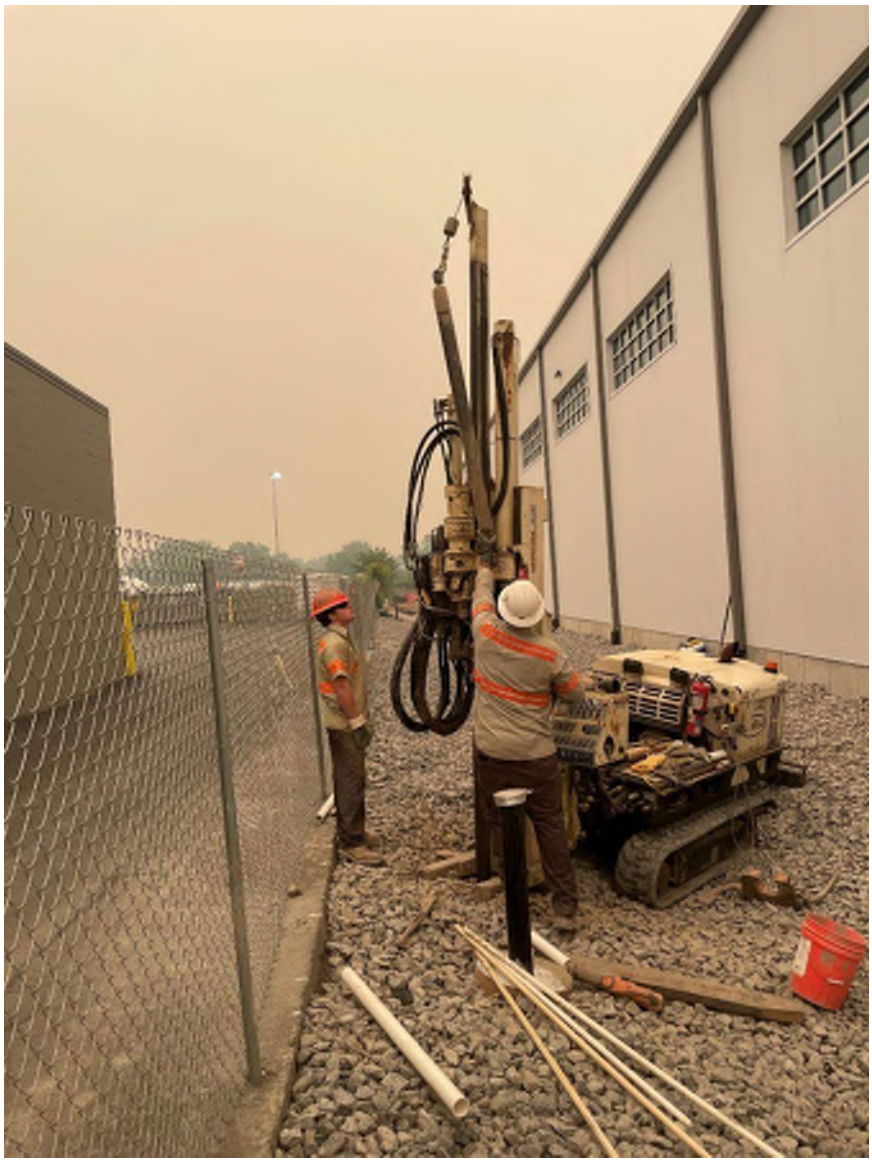


Photo 1: Parrett Wolf drilling MW4S

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Photo 2: Air quality conditions (Smoke from Quebec fires)

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Photo 3: Drums #1 & #2 location

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		GEI Proj. No.	2001642



Photo 4: Drum #3 location

THIS REPORT IS INTENDED ONLY FOR THE USE OF GEI CONSULTANTS INC FOR INFORMATIONAL PURPOSES AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW.

FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 09/26/2023
Project Number: 2001642

Time of Arrival: 0930 **Time of Departure: 1500**
Weather: Low: 60°F **High**: 65°F

GEI Representatives

- Frank Clougherty, G.I.T., vapor intrusion barrier installation.

Site Visitors

Site Work

- Budget Concrete (Budget) completed vapor intrusion barrier installation. Cushion geotextile was deployed vault footprint. Land Science Mono-base vapor barrier product was utilized to patch area of former wastewater pit. The vapor barrier tie-in seams were overlapped a minimum of 6-inches, and Nitra-core was applied in general accordance with the manufacturers detail recommendations (see Photograph 1).
- Budget performed detail work on the vapor barrier, patches were used to cover defects of the existing barrier system (see Photograph 2). The repairs were performed in general accordance with the manufacturer's recommendations.
- Budget performed smoke testing on the vapor barrier system. A total of three (3) locations were selected to test the system (see Photograph 3). The locations were spatially distributed so that testing covered the entire footprint of the vapor barrier system installed on this date. Defects detected during the smoke test were repaired in general accordance with the manufacturer's recommendations. Repair patches were placed and repaired over the punctures made for the smoke testing and sealed with Nitra-core.
- Budget deployed cushion geotextile over the vapor barrier geomembrane (see Photograph 4). The geotextile was overlapped a minimum of 6-inches and covered the entire vapor barrier footprint.

Notes and Comments

- Approximate extent of vapor barrier installation is shown on attached figure.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 09/26/2023
Project Number: 2001642

Photographs



Photograph 1: Budget installing vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 09/26/2023
Project Number: 2001642



Photograph 2: Budget performing detail work on vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 09/26/2023
Project Number: 2001642



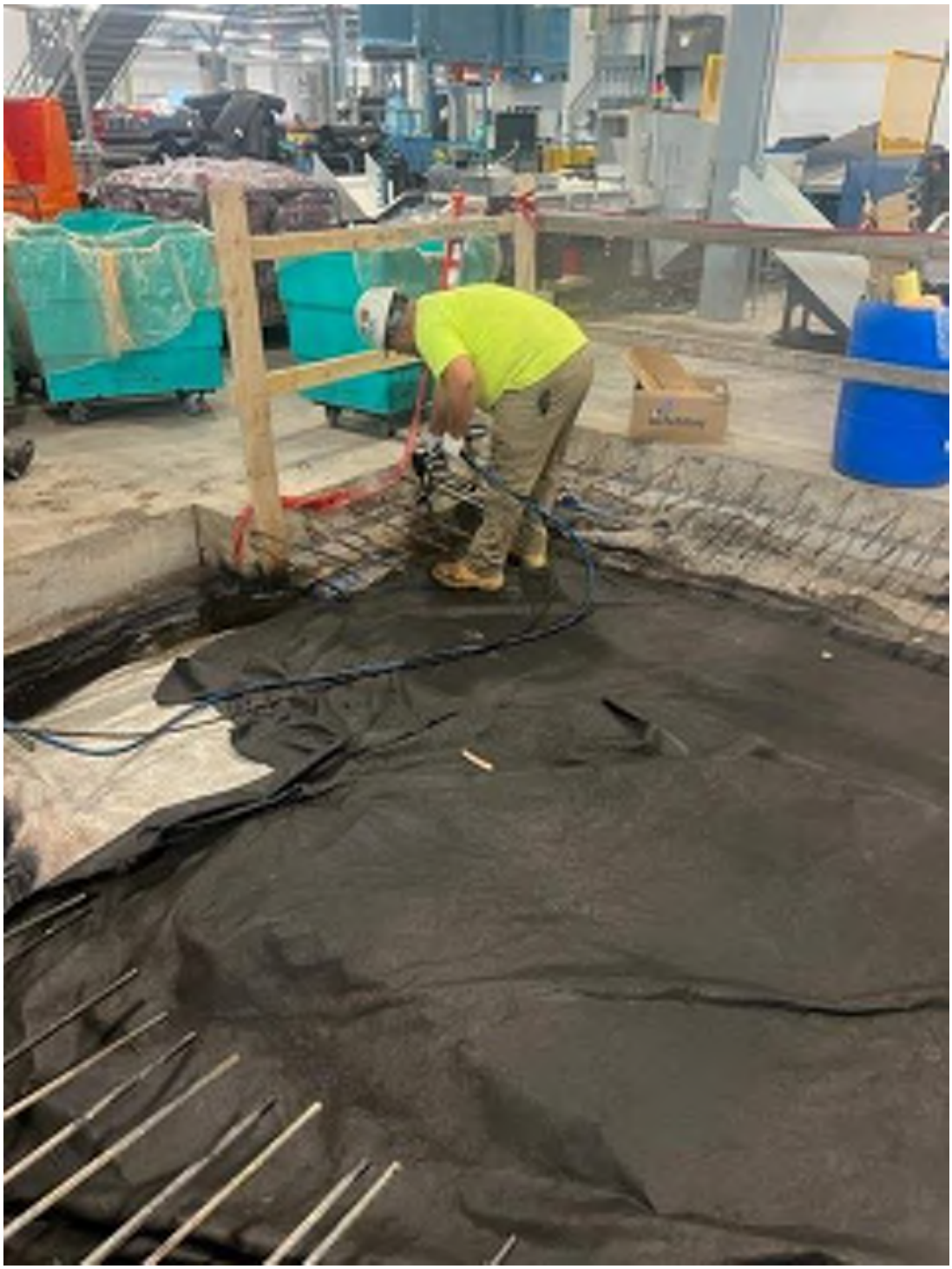
Photograph 3: Budget performing smoke testing on vapor intrusion barrier system.

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 09/26/2023
Project Number: 2001642



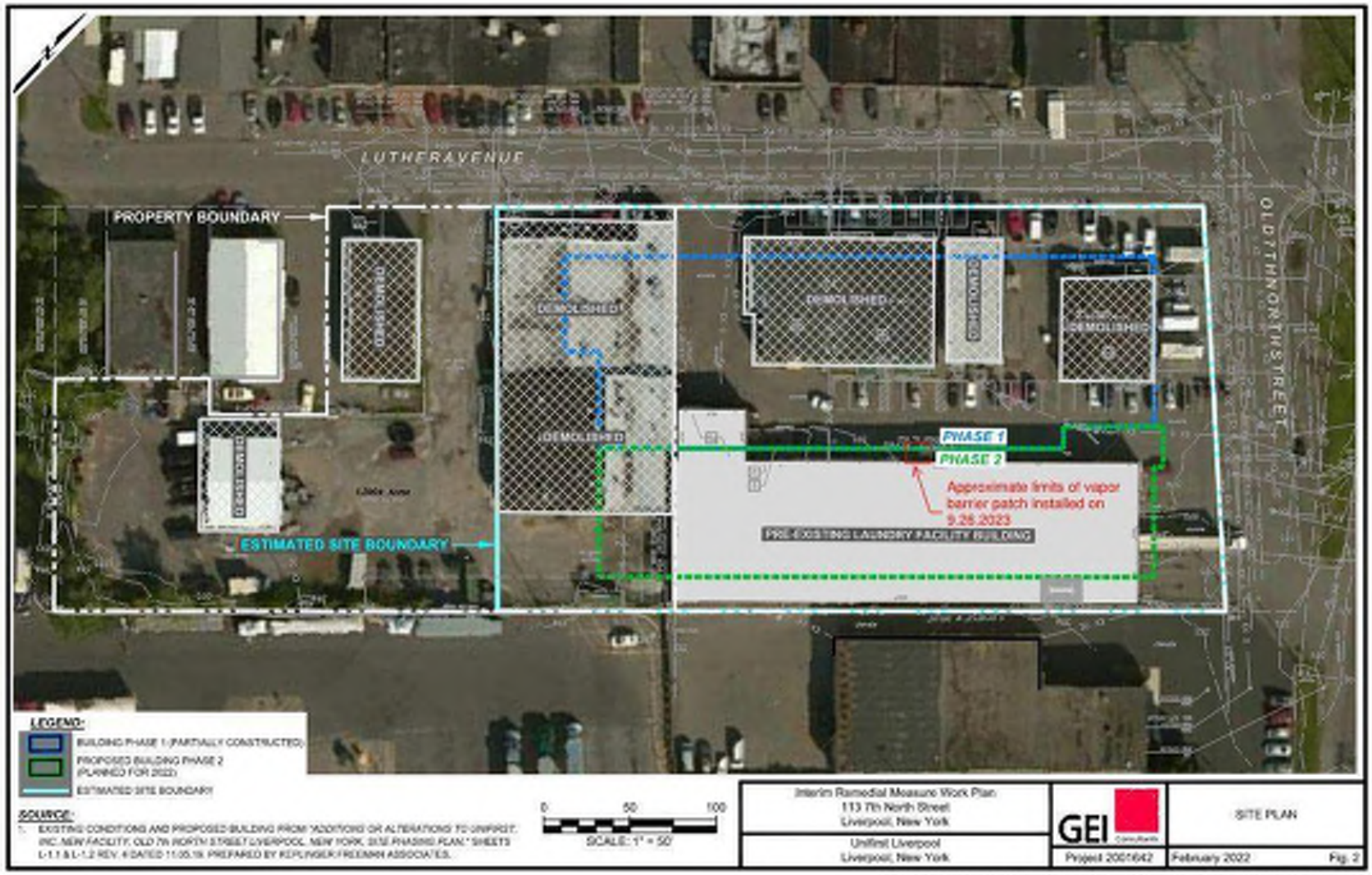
Photograph 4: Budget installing cushion geotextile detail over vapor intrusion barrier system

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FIELD OBSERVATION REPORT

Project: UniFirst-Liverpool
Engineer: GEI Consultants
Contractor: C&S
Client: UniFirst

Date: 09/26/2023
Project Number: 2001642



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F.2. Construction Call Summaries

Construction Remobe Meeting Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: September 28, 2022
Location: Hybrid – Microsoft Teams and Construction Trailer
Attendees:

Name	Org	Email	Telephone	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com		X
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com		X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com		X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com		X
Tom Rotella	C&S	TRotella@cscos.com		X
Dave Taillie	C&S	DTaillie@cscos.com		X
Hayden Haas	C&S	HHaas@cscos.com		X
Nevin Bradford	C&S	NBradford@cscos.com		X
Thomas Sanford	C&S	TSanford@cscos.com	607.327.2771	X
Mara Notaro	Sun	maran@SunEnc.com		X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	781.424.9924	X
Jeff Holden	GEI	jholden@geiconsultants.com	607.216.8956	
Steve Hawkins	GEI	SHawkins@geiconsultants.com		X
Wendy Moore	GEI	WMoore@geiconsultants.com	607.216.8966	X
Tim Dixon	GEI	TDixon@geiconsultants.com		X

Meeting Minutes:

1. **General**
   - Cat Malagrida introduced as a project manager now with UniFirst, working with Tim Cosgrave
   - C&S indicates that Hayden Haas will be the full time onsite H&S officer for C&S; Dave Taillie will remain site superintendent, and Tom Rotella will remain project manager. Nevin Bradford will continue to be involved to assist C&S team with environmental remediation aspects of work
   - C&S indicates that it will be self-performing the concrete work, may slow the construction schedule
2. **Construction Schedule**
   - C&S indicated that remobilization would begin on Monday, October 3, 2022
     - First day or two of C&S operations will consist of general mobilization and dewatering of rainwater from open excavations, including the elevator pit and foundation trenches (with assistance from Sun)
     - Two empty tanks are on site; has capacity for a third if needed
   - GEI will remobilize CAMP equipment on Monday, October 3, 2022 as well

- Excavations likely will not commence again for another 4 weeks
- Schedule/scope beyond that which is described above was not discussed, but 2-week look-ahead schedules will be provided by C&S to this team on a weekly basis

3. <u>Roles & Responsibilities / Action Items</u>

GEI

- Notify NYSDEC that work is recommencing on Monday, October 3, 2022 (completed on 9/27/22)
- Provide a full-time on-site observer during ground-intrusive activities to document the activities for the agencies
- Remobilize monitors and continue to run CAMP during ground-intrusive activities and submit associated reporting to the agencies weekly
- Coordinate with NYSDEC, Sun and UniFirst regarding acceptance of excavated material, transportation, and disposal

C&S

- Provide GEI with the volumes of soil that still must be excavated from within the limits that can be sent to Camillus, and within the limits that can be sent to Seneca Meadows
- Provide Site Safety Training to their workers and subcontractors on Monday, October 3, 2022 and on an as-needed basis as new employees come onsite
- Give daily safety briefings to on-site workers each morning
- Provide 2-week look-ahead schedules on a weekly basis

Sun

- Provide quotes to C&S for excavators and for personal air monitoring
- Provide quotes to UniFirst for transportation and disposal of dewatering effluent
- Provide UniFirst and GEI with copy of Site-Specific HASP
- Remove rainwater from existing trenches starting on Monday, October 3, 2022; continually dewater trenches throughout duration of below-grade construction
- Arrange for analytical testing, transportation, and treatment/disposal of dewatering effluent for UniFirst
- Responsible for equipment & truck decon, including providing a decontamination pad
- Provide C&S with personnel air monitoring for C&S employees using PID and 4-gas meter
- Provide C&S (or Fisher?) with 40-hour trained workers for excavation activities

4. <u>Health and Safety</u>

- Sun will perform personnel air monitoring for themselves and C&S employees using PID and 4-gas meter
- GEI will perform personnel air monitoring for themselves
- C&S to provide Site Safety Training to their workers and subcontractors on Monday, October 3, 2022 and on an as-needed basis as new employees come onsite
- C&S to give daily safety briefings to on-site workers each morning

- C&S has prepared a Site-Specific HASP and has shared it with UniFirst; Sun will prepare a Site-Specific HASP and share with UniFirst
- GEI's Site-Specific HASP was previously provided to UniFirst and C&S

5. Future Meetings

- Weekly coordination meetings will be scheduled for 10am on Wednesdays, hybrid format via Microsoft Teams and in-person meeting, construction trailer conference room.
- Meetings will continue weekly until construction is above-grade, or until group agrees that frequency should change or meeting can be discontinued.

6. Next Meeting

- October 5, 2022 at 10am.

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: October 5, 2022
Location: Hybrid – Microsoft Teams and Construction Trailer
Attendees:

Name	Org	Email	Telephone	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com		
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com		X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com		X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com		X
Tom Rotella	C&S	TRotella@cscos.com		X
Dave Taillie	C&S	DTaillie@cscos.com		
Hayden Haas	C&S	HHaas@cscos.com		
Nevin Bradford	C&S	NBradford@cscos.com		X
Thomas Sanford	C&S	TSanford@cscos.com	607.327.2771	X
Mara Notaro	Sun	maran@SunEnc.com		X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	781.424.9924	X
Jeff Holden	GEI	jholden@geiconsultants.com	607.216.8956	X
Wendy Moore	GEI	WMoore@geiconsultants.com	607.216.8966	X
Tim Dixon	GEI	TDixon@geiconsultants.com	585.808.0472	

Meeting Minutes:

1. **General**
   - Jeff Holden is GEI's Project Manager and will lead the construction coordination meetings going forward
   - No comments on last week's meeting minutes; therefore, minutes previously routed to team are approved as final
   - Ileen Gladstone routed a proposed agenda before the call; that agenda will generally serve as a basis for discussion on the coordination calls
2. **Coordination with UniFirst**
   - None this week
3. **Construction Schedule**
   - C&S will provide written 3-week look ahead schedules to this team on a weekly basis starting later this week
   - C&S began remobilizing on Monday, October 3, 2022
     - General mobilization of equipment and personnel; personnel training; survey; dewatering of standing rainwater and groundwater from open excavations near the elevator pit and northern foundation trenches (with assistance from Sun); and cleaning up pits (i.e., excavating and replacing silted-in stone with assistance from

Sun). Soil/stone removed to re-prepare the pits was placed with the existing soils stockpiled for disposal.

- Remainder of week and into next week include form work along northern ("front") section of building and the elevator pit; no additional excavations are planned this week or next.
- 3-week look ahead includes continuing the above process of dewatering (daily), cleaning out pits in which formwork will be performed, and concrete forming and pouring.

- GEI's full-time on-site observer mobilized on Monday, October 3, 2022, and will be onsite for the duration of intrusive activities. CAMP was brought online on Monday, as well. Weekly CAMP reports to DEC/DOH will resume next week.
- Sun will be onsite daily to dewater and provide personnel air monitoring using PID and 4-gas meter, and Sun personnel will be onsite as needed to clean up pits for C&S (i.e., excavate and replace stone) over the next several weeks
    - Two frac tanks are on site. One is ~3/4 full and will be sampled on Wednesday 10/5/22. This tank will remain on site until results are available and the tank can be profiled and transported off site. 2nd tank will be used in the meantime for dewatering effluent collected after Wednesday

4. RFIs

- C&S reiterated the need for soil pile to be transported offsite as soon as possible, and to be provided progress updates. GEI indicated that NYSDEC needs to provide a Contained-In Determination before the soil can be disposed. The request has been made to NYSDEC and GEI will follow up. Mara requested Sun's involvement in any discussions with NYSDEC regarding the contained-in determination to the extent that Sun would be handling transport and disposal of this material.
- UniFirst/GEI requested volume estimate for the material that is being excavated from existing pits to clean up in preparation for formwork. C&S estimated 10 cubic yards was excavated to clean up pile cap excavations; materials was added to existing stockpile. C&S also indicated a conservative estimate of 2500 to 3000 additional cubic yards of soil would be removed under the project and require offsite disposal. Tom will prepare a map showing the expected excavation areas that will contribute to that volume.

5. Construction/Technical Issues

- C&S has submitted gradation information for four types of fill material expected to be used on site. GEI responded to indicate that chemical characterization would not be needed for three of those based on the grain size information. The fourth (stone dust) would require chemical characterization and DEC approval. However, C&S no longer anticipates using stone dust, and is working with their plumbing subcontractor to identify what type of bedding material may be used in pipe trenches with the goal of avoiding materials that would require chemical testing.
- C&S has identified a topsoil source and is currently working with the supplier to secure the needed volume. Topsoil will not be needed for several months, but will require chemical testing and DEC approval prior to use at the site.

6. Health and Safety

- C&S has made PPE available to workers, and is working to bring a Connex box onsite for use as the CRZ

- A truck decontamination pad will be constructed by Sun prior to the phase of construction where equipment will be leaving the site (currently, all site equipment remains within the work limits)
- C&S provided live Site Safety Training to their workers on Monday, October 3, 2022 and will continue giving the in-person training on an as-needed basis as new employees come on site
- C&S gives daily safety briefings to on-site workers in the job trailer each morning before work begins
- Sun will perform personnel air monitoring for themselves and C&S employees using PID and 4-gas meter (PID will be added this week) in excavations.

7. Action Items

GEI

- Continue to work with DEC in an effort to accelerate approvals needed to arrange for offsite transport and disposal of the existing stockpile, as well as additional soils to be excavated for the work

C&S

- Provide GEI with a figure showing expected future excavation areas that will contribute to the estimated 2500-3000 cubic yards of additional soil to be excavated for construction purposes
- Provide GEI and UniFirst with data for any backfill being brought onsite including pipe bedding material (if different from what has already been provided) and topsoil [no immediate need for topsoil]
- Provide 3-week look-ahead schedules (ongoing - on a weekly basis)

Sun

- Provide UniFirst and GEI with copy of Site-Specific HASP
- Sample frac tanks as they become full
- Build decontamination pad
- Add a PID for personnel air monitoring

8. Next Meeting

- October 12, 2022 at 10am.

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: October 12, 2022
Location: Hybrid – Microsoft Teams and Construction Trailer
Attendees:

Name	Org	Email	Telephone	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com		X
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com		X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com		X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com		
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com		X
Tom Rotella	C&S	TRotella@cscos.com		X
Dave Taillie	C&S	DTaillie@cscos.com		X
Hayden Haas	C&S	HHaas@cscos.com		X
Nevin Bradford	C&S	NBradford@cscos.com		X
Thomas Sanford	C&S	TSanford@cscos.com	607.327.2771	X
Mara Notaro	Sun	maran@SunEnc.com		X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	781.424.9924	X
Jeff Holden	GEI	jholden@geiconsultants.com	607.216.8956	X
Wendy Moore	GEI	WMoore@geiconsultants.com	607.216.8966	X
Tim Dixon	GEI	TDixon@geiconsultants.com	585.808.0472	X

Meeting Minutes:

1. **General**
   - Tom Rotella provided a comment on last week's meeting minutes; a revised summary of the 10/5 call is distributed with this summary.
   - Jeff Holden indicated that DEC responded to latest "contained-in" determination request stating intent to provide a determination by October 14. DEC's contained-in determination is needed before the next step can be made in transporting the current stockpile off site.
   - Jeff Holden noted that he contacted the environmental consultants for the adjacent property owner (Sposato) to inquire about the status of the access request. The consultant indicated he was still awaiting direction from his client. Tim Cosgrave asked Shawn Musachio to reach out to Mr. Sposato at the site to advance the issue.
2. **Coordination with UniFirst**
   - No topics this week
3. **Construction Schedule**
   - C&S provided a 3-week look ahead schedule on 10/11 and reviewed it on the call. Key points as follows:
     - First concrete pour scheduled for 10/13/2022

- Concrete pours will continue for next several weeks, with the goal of two pours per week, starting along the "front wall" (north side) and continuing down the center pile caps toward the south
- After pours are completed, pits will be backfilled to reduce the amount of dewatering
- C&S expects to start excavating to clean out the east foundation wall trench on 10/21, and additional clean-out excavations on 10/28
- C&S expects that the "deep" foundation excavations along the south end will occur during the week of 10/31
- Elevator pit pour planned for 10/13 pushed to 10/18 due to expected rain
- Water being pumped from excavations as needed; generally less than a few hundred gallons per day total; pumping expected to take place every day this week
- No Saturday work is currently planned

- Likely several months away from being able to install planned new monitoring wells because the "alley" along the east side of the property will be key accessway for equipment operations during building construction

- Now that operations are underway, C&S will prepare an updated master schedule for next week

4. RFIs

- No RFI's submitted. C&S indicted a need to test soils from planned "deep" excavation area at the south end as an upcoming data need (further discussed below)

5. Construction/Technical Issues

- C&S provided a figure showing planned future "deep" excavation area (attached). Target excavation depth will be approximately 10 feet below grade, and the excavation will be benched. Assuming 10-foot excavation throughout the area, GEI estimated a maximum in-situ volume of approximately 1440 CY. C&S indicated this is the only planned future excavation area and is the basis for the estimate of a total of 2500-3000 additional cubic yards of excavation mentioned last week. That estimate was intentionally conservative and accounted for ex-situ fluffing.

- C&S indicated none of the excavated soil will be suitable for use as backfill at the site due to geotechnical specifications. Offsite disposal will be required, but the planned excavation extends into areas where minimal existing soil characterization data exist. The approach and schedule for sampling was discussed among the team. It was agreed to plan for sampling on 10/17 using excavator. Details about number of samples, lab to be used, and who would do the sampling were tabled to be determined outside of the construction call. Depending on the results of the additional sampling, further "contained-in" determinations may be needed from the DEC before the additional material can be disposed off site.

- GEI asked what materials/equipment may be present on site in the event we need to take contingency measures as a result of CAMP exceedances that are attributable to site operations. Discussed that prior CAMP alert/action level exceedances were generally attributed to non-site factors, such as offsite trucks and moisture effect on PIDs. Some also attributable to site equipment. Water spray is available on site and could help address dust or low-level VOC issues as needed. Work zone monitoring has indicated no elevated levels, so need for additional onsite control measures is minimal. C&S agreed to look into local availability of foam-based suppression measures that could be mobilized to the site as a contingency measure if a site-related exceedance occurs.

- C&S confirmed they spoke with plumbing subcontractor and confirmed Type 1A stone would be used for pipe bedding. Therefore, no imported granular material subject to chemical testing

would be needed apart from future topsoil needs. C&S indicated that Fisher is acquiring and will characterize topsoil.

- Sun sampled one frac tank last week and expects lab data on 10/13-14. Minimal volume (~4000 gal) is currently stored in the second frac tank, so capacity is available.
- Sun has disposed two loads of water so far. Sun will resend the manifests and certificates of destruction for those loads to GEI (Wendy) and UniFirst (Cat and Rick).
- Sun inquired about status of decon pad construction information provided to UniFirst via email. UniFirst review is pending.
- The approach for decommissioning the existing wastewater pit was discussed. C&S indicated a need to remove a portion of the top of the concrete structure to access the interior and to install the vapor barrier over the top. The concrete will need to be characterized for offsite disposal if it cannot be left onsite (i.e., in the vault space). C&S did not think the concrete could be placed inside the vault because the vault needed to be filled (concrete or stone) before the top was removed. C&S agreed to further review conditions and propose an approach for access/sampling the vault.
- C&S inquired whether the vapor mitigation design plans included blower specifications, or just passive components. GEI to confirm.

6. Health and Safety

- Sun is performing personnel air monitoring for themselves and C&S employees using PID and 4-gas meter in excavations. No issues to date
- Sun submitted a copy of their HASP, which GEI will review
- GEI notified DEC/DOH of one CAMP exceedance last week that was attributed to nearby equipment operations
- No health and safety incidents

7. Action Items

GEI

- Continue to work with DEC in an effort to accelerate approvals needed to arrange for offsite transport and disposal of the existing stockpile, as well as additional soils to be excavated for the work
- Provide weekly CAMP reports to DEC/DOH and copy UniFirst and C&S H&S officer (Hayden Haas)
- Provide updated summary of 10/5/22 call reflecting C&S comment
- Develop a plan for additional soil characterization in the planned excavation area; assume excavator will be on site 10/17 to assist with sampling. Coordinate laboratory analysis on rapid TAT
- Confirm blower specifications for vapor mitigation systems
- Provide any comments on Sun HASP

C&S

- Look into availability and response time of providing foam-based dust/odor/VOC suppression if needed based on CAMP monitoring results
- Propose an approach for access, sampling, and abandoning the existing wastewater pit structure
- Provide GEI and UniFirst with data for any backfill being brought onsite including pipe bedding material (if different from what has already been provided) and topsoil [no immediate need for topsoil]
- Provide 3-week look-ahead schedules (ongoing - on a weekly basis)
- Provide master project schedule

Sun

- Re-send manifest copies and certificates of destruction for the first two loads of water; continue to send for future loads as they are transported offsite
- Sample frac tanks as they become full
- Build decontamination pad

UniFirst

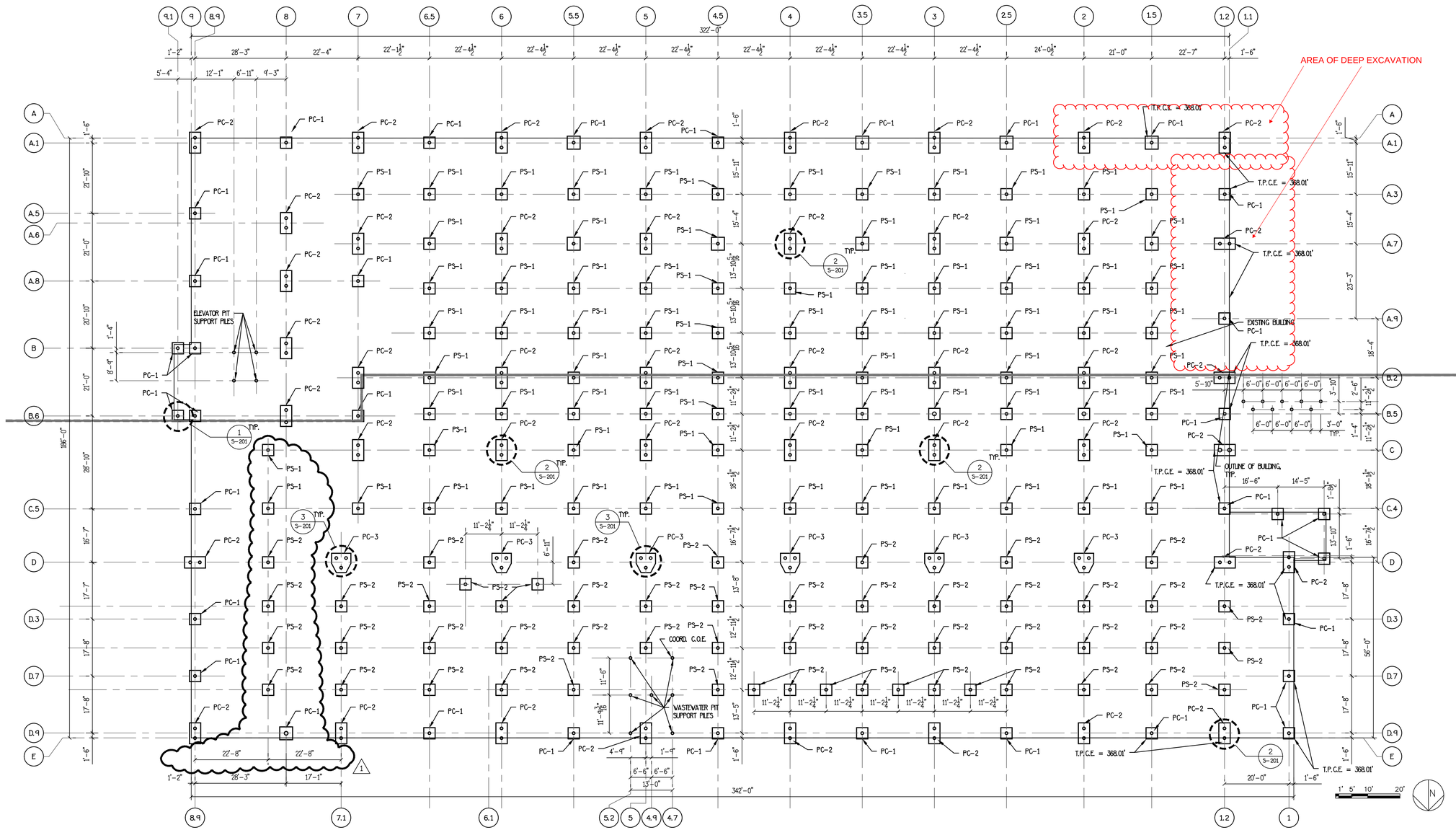
- Review and respond to Sun's request regarding decon pad construction
- Contact adjacent property owner (Sposato) regarding access request

8. Next Meeting

- October 19, 2022 at 10am

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PILE CAP PLAN

Scale: 1/16" = 1'-0"

PLAN NOTES:

1. ALL ELEVATIONS ARE REFERENCED (+) OR (–) FROM TOP OF SLAB ON GRADE, ESTABLISHED AS DATUM ELEVATION 376.08'
2. TOP OF PILE CAP ELEVATION(EXTERIOR) (T.P.C.E) = 371.08' (UNLESS NOTED OTHERWISE ON PLAN). ADJUST T.O. PILE CAP ELEVATION ACCORDINGLY WITH SITE GRADING. SEE DRAWING S-201 FOR PILE CAP SCHEDULE & REQUIREMENTS.
3. TOP OF PILE CAP ELEVATION(INTERIOR) = 375.08' (UNLESS NOTED OTHERWISE ON PLAN).
4. PILE CUT OFF ELEVATION NOTED AS C.O.E. UNLESS NOTED OTHERWISE ON PLAN
5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS. NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES BETWEEN DRAWINGS BEFORE PROCEEDING WITH WORK.
6. SEE DWG. S-100 FOR GENERAL NOTES.

CONSULTANTS

PALUCCI ENGINEERING P.C.
225 Greenfield Parkway, Suite 112
Liverpool, New York 13088
Phone: 315-472-1264 Fax: 315 479-6819
Email: info@palucciengineering.com

ISSUED AND REVISIONS NOTIFICATION

No.	Revision	Description	Date
1	-	⚠1 REVISED PILE LOCATIONS	03/06/20
2	-	ISSUED FOR CONSTRUCTION	02/15/21
3			
4			
5			
6			
7			

⚠- Symbol Indicates Revision Issued

UniFirst, Inc.
New Facility
7th North Street
Liverpool, New York

WILLIAM TAYLOR ARCHITECTS PLLC
6432 BARD AVE.
SYRACUSE, NEW YORK 13206
(315)432-0921

Drawn By: RAP
Checked By: RCP
WTA Proj. No.: 15022
Date: October 25, 2019
Scale: As Noted

Title:
PILE CAP PLAN

S-101

BID SET

Date Printed - 6/3/2019 1:42 PM By: -
jsalecki/Attach

Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: October 19, 2022
Location: Microsoft Teams
Attendees:

Name	Org	Email	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com	X
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com	X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com	X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com	X
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com	
Tom Rotella	C&S	TRotella@cscos.com	X
Dave Taillie	C&S	DTaillie@cscos.com	X
Hayden Haas	C&S	HHaas@cscos.com	X
Nevin Bradford	C&S	NBradford@cscos.com	X
Thomas Sanford	C&S	TSanford@cscos.com	
Mara Notaro	Sun	maran@SunEnc.com	
Ileen Gladstone	GEI	igladstone@geiconsultants.com	X
Jeff Holden	GEI	jholden@geiconsultants.com	X
Wendy Moore	GEI	WMoore@geiconsultants.com	X
Tim Dixon	GEI	TDixon@geiconsultants.com	X
Davis Miller	GEI	DMiller@geiconsultants.com	X

Meeting Minutes:

1. **General**

- Revised summary of the 10/5 call was distributed with the 10/12 call summary. No comments were provided regarding either of the two call summaries.
- Per Mara's email Monday, one of the Sun representatives on site last week tested positive for COVID.
- GEI's onsite representative beginning Monday, 10/24 will be Davis Miller.

2. **Coordination with UniFirst**

- No additional progress in advancing the Sposato access agreement for RI activities.
- UniFirst has contracted with Capitol Environmental Services (CES) to transport and dispose soils from the existing soil stockpile at the Seneca Meadows facility. Related issues discussed:
    - Copies of pre-printed manifests were sent from CES to Tim Dixon for delivery today (10/19). They will be at the site tomorrow (10/20). Rick Montgomery will sign them on behalf of UniFirst while onsite on 10/20.
    - Seneca Meadows has restrictions on water content (no free liquids) and concrete/debris sizing. Water content is not expected to be an issue for the stockpile. Concrete/debris size must be 2'(-) and concrete slabs must be <4' in largest dimension. C&S is unsure whether any materials in stockpile may exceed

these sizes. Excavator operator will need to be on the lookout and set aside or break up larger pieces.
- Sun will be responsible for providing operator(s) and equipment for loading trucks and manning the wash station.
- C&S can accommodate truck loadout around other work, but not to the extent that it prevents Sun from performing excavations on days when that is scheduled. Some coordination with UniFirst operations may also be needed to make sure trucks do not block loading dock operations at the facility.
- CES is preparing to provide 30-yd trucks as soon as tomorrow morning (10/20). However, with Sun unable to attend today's call and staffing uncertainty noted in prior correspondence, Thursday doesn't look feasible.
- GEI will follow up with Sun to convey information for them to begin scheduling soil loadout and direct coordination with CES for requesting dates, numbers, and timing of trucks.

3. Construction Schedule

- C&S provided a 3-week look ahead schedule on 10/18 and reviewed it on the call. Key points as follows:
  - Still on schedule relative to last week's projections
  - Concrete slabs for elevator and some pile caps poured yesterday; concrete pours will continue for next several weeks with the goal of two pours per week
  - C&S (Sun) to start excavating to clean out the east foundation wall trench on 10/21, and additional clean-out excavations on 10/28
  - C&S expects that the "deep" foundation excavations along the south end will occur during the week of 10/31; timing may depend on ability to stockpile and/or dispose soil based on results of samples collected 10/18
  - C&S expects work involving impacted soil/groundwater to be completed the week of 11/28
- C&S expects to need to pump water from excavations on 10/21. Results from Sun's 10/7 frac tank sampling delayed by lab issue (Sun now expects data receipt on 10/19), so not yet able to arrange for disposal of water from that tank. If second tank staged at the site doesn't have capacity and the first one isn't emptied before Friday, a third tank may be needed.
- Test pits were excavated and soil samples collected yesterday (10/18) to characterize soils from planned deep excavation area at south end of building. Samples are at lab with requested 5-day turnaround time. The need for additional contained-in determination from NYSDEC will be determined based on lab results.
- Truck wash station is constructed and ready for use.
- C&S preparing an updated master schedule (target distribution for end of week).

4. RFIs

- No RFIs submitted or expected in near term.

5. Construction/Technical Issues

- C&S noted that test pit from deep excavation area has filled with groundwater since yesterday and asked whether it would be helpful to sample that water. GEI suggested that T&D of water would likely be determined based on concentrations in frac tank when the broader area is excavated and dewatered in the future, so data representing the test pit may not be helpful.
- The approach for decommissioning the existing wastewater pit was discussed. Due to access constrictions inside Phase 1 of the new building (which covers most of the pit), it was agreed

that any efforts to pump, clean, or fill the concrete structure would be pushed until after Phase 2 of the new building is constructed and the mezzanine stairs are relocated. It is expected that 6 to 8 inches of the top of the pit will need to be removed to accommodate placement of the vapor barrier over the former pit. In the meantime, the pit will be boxed out and a vapor barrier material flap will be left for closure and sealing once the tank is cleaned and filled.

- GEI issued revised vapor mitigation system design drawings reflecting NYSDOH's requirement for active blowers to UniFirst. UniFirst forwarded them to C&S by email today (10/19).

6. Health and Safety

- GEI notified DEC/DOH of two overnight (non-work-hours) CAMP exceedances last week.
- GEI and C&S will evaluate potential for relocation of one air monitoring station in an effort to eliminate elevated readings attributable to potential sources on adjacent property.
- GEI and UniFirst reviewed the HASP submitted by Sun last week.
- Sun continues to perform personnel air monitoring for themselves and C&S employees using PID and 4-gas meter in excavations. No issues to date.
- C&S using disposable booties and reusable coveralls. UniFirst is laundering used coveralls and returning to C&S.
- No health and safety incidents.

7. Action Items

GEI

- Continue to provide weekly CAMP reports to DEC/DOH; copy UniFirst and C&S.
- Provide soil T&D disposal confirmation to Sun, along with information needed for Sun to begin scheduling and loading trucks for offsite T&D of the soil stockpile.
- Issue revised meeting invite to reflect new start time for weekly meetings (see below).

C&S

- Look into availability and response time of providing foam-based dust/odor/VOC suppression if needed based on CAMP monitoring results.
- Provide 3-week look-ahead schedules (ongoing - on a weekly basis).
- Provide updated master project schedule.

Sun

- Arrange for transport and disposal of frac tank water once lab results are received.
- Sample frac tanks as they become full.
- Provide a third frac tank for dewatering on Friday, 10/21 if sufficient capacity isn't available in two tanks currently on site.
- Begin arranging equipment and labor for loading stockpiled soils for T&D, and coordinate with CES to schedule trucks.

UniFirst

- Contact adjacent property owner (Sposato) regarding access request.

- Sign manifests for soil T&D.

8. <u>Next Meeting</u>

- October 19, 2022 at **9:30am** (new start time going forward based on UniFirst request)

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: October 26, 2022
Location: Microsoft Teams
Attendees:

Name	Org	Email	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com	
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com	X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com	X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com	X
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com	X
Tom Rotella	C&S	TRotella@cscos.com	X
Dave Taillie	C&S	DTaillie@cscos.com	X
Hayden Haas	C&S	HHaas@cscos.com	X
Nevin Bradford	C&S	NBradford@cscos.com	
Thomas Sanford	C&S	TSanford@cscos.com	X
Mara Notaro	Sun	maran@SunEnc.com	X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	X
Jeff Holden	GEI	jholden@geiconsultants.com	X
Wendy Moore	GEI	WMoore@geiconsultants.com	X
Tim Dixon	GEI	TDixon@geiconsultants.com	
Davis Miller	GEI	DMiller@geiconsultants.com	X

Meeting Minutes:

1. **General**
   - A summary of the 10/19 call was distributed on 10/20. The team had no comments on the summary, so it will be considered final.
   - Tim Dixon will be back on site 10/31-11/2 as GEI's onsite representative; Davis Miller will return on 11/3.
2. **Coordination with UniFirst**
   - No additional progress in advancing the Sposato access agreement for RI activities.
   - UniFirst is currently looking into offsite disposal options for the current soil stockpile that exceeds Seneca Meadows acceptance criteria and that was previously expected to be used as backfill at the site. C&S has indicated that no-one on site is able to backfill the soil, so offsite transport and disposal of the limited volume is being considered as an alternative to hiring an additional contractor and equipment to backfill the pile. The plan for managing this soil will be discussed once suitable options are evaluated.
3. **Construction Schedule**
   - C&S provided a 3-week look ahead schedule on 10/26 and reviewed it on the call. Key points as follows:

  - Still on schedule relative to last week's projections.
  - Concrete pour for elevator pit walls and some pile caps planned for today; concrete pours will continue for next several weeks with the goal of two pours per week
  - C&S (Sun) to clean out additional areas on Friday, 10/28.
  - C&S expects that the "deep" foundation excavations along the south end will begin on 11/1.
  - C&S still expects work involving impacted soil/groundwater to be completed the week of 11/28.
  - Loadout of the soil stockpile commenced 10/25; 9 loads transported 10/25 and 8-9 more expected for 10/26; Current estimate is approximately 16 more trucks will be needed to completely remove the pile.

- The goal will be to remove the current stockpile by end of day on Monday, 10/31 so that the stockpile area is available for additional soil placement associated with the start of deep excavation on 11/1.

- C&S expects to excavate a sanitary sewer line on the north side of the building starting on 12/7 and is wondering how to handle the soils. The preferred method will be to backfill the soils into the trench. C&S routed a figure during the call to show the excavation area. GEI agreed to review available soil data from that area to assess what disposal options may exist if material cannot be reused onsite.

- CES (soil T&D contractor) was inquiring about truck loading schedule for the next several days. Mara indicated Sun is not available Thursday (10/27) and is booked with cleaning out excavated areas for C&S on Friday (10/28). Monday, 10/31 was identified as the next target day for soil loadout. **Note: Sun confirmed after the call that a change in schedule will allow for truck loadout on Thursday, 10/27.**

- C&S preparing an updated master schedule (target distribution end of day on 10/26).

4. <u>RFIs</u>

- No RFIs submitted or expected in near term.

5. <u>Construction/Technical Issues</u>

- Soil loadout from the stockpile is progressing. No oversize debris has required segregation and no excess water content issues. There was a slight delay at the start of the loadout because trucks requested bed liners, which Sun was able to provide. Liners were generally not used by trucks for subsequent loads.

- Sun is covering the soil stockpile at the end of each shift.

- More manifests will be needed for soil transport. Sun is able to generate manifest paperwork as needed, and CES can ship more. There was discussion of how many might be needed, who will sign them, and where/when to ship them. Mara indicated that Sun has delegated signature authority from UniFirst. Given various options and no expected need for more manifests until 10/31, it was agreed the issue would be resolved outside of this call.

- After a delay at the lab, Sun received analytical data from the frac tank sampled on 10/7. The results indicate the water in the tank is non-hazardous, so will not require incineration. Sun is working with the nearby Metro facility for disposal of this volume. Metro has requested additional analytes (oil & grease, 310, total copper, and total nickel); results expected from the lab later today. Assuming acceptable results, Sun will begin arranging for transport of the water as soon as possible. Sun is requesting a consolidated lab report and will route when available.

- Sun sampled the second frac tank and the samples are at the lab. A third frac tank was brought on site and currently has sufficient capacity.
- GEI received results for the deep excavation soil characterization samples collected on 10/18. PCE was non-detect in all samples, and only one chlorinated solvent was detected at a very low, estimated concentration. The total lead concentration in one sample marginally exceeded the 20X criterion, so that sample has been released for TCLP lead analysis on a rapid turnaround time. GEI is coordinating with CES to determine if the soils can be added to the profile for Seneca Meadows without the need for additional contained-in determination from the DEC.
- C&S inquired whether HAZWOPER training will be required for excavation and handling of soils excavated from the "deep excavation area" based on the soil sampling results. UniFirst and GEI agreed to discuss after the call and then respond to C&S.

6. Health and Safety

- No CAMP exceedances last week. Weekly report submitted to DEC/DOH.
- VOCs at one CAMP monitoring location exceeded action levels beginning during pre-work hours on 10/25. The source appeared to be trucks at Pilot facility. VOC concentrations actually got lower once site work commenced. Notification was made to DEC/DOH within 24 hours as required.
- Sun continues to perform personnel air monitoring for themselves and C&S employees using PID and 4-gas meter in excavations. No issues to date.
- No health and safety incidents.

7. Action Items

GEI

- Continue to provide weekly CAMP reports to DEC/DOH; copy UniFirst and C&S.
- Review figure from C&S showing sewer excavation area and evaluate what chemical characterization data may exist for the area.
- Work with team to get additional manifest copies delivered, signed, and ready for use.
- Reply to C&S about whether HAZWOPER training is required for handling soils from the deep excavation.

C&S

- Look into availability and response time of providing foam-based dust/odor/VOC suppression if needed based on CAMP monitoring results.
- Provide 3-week look-ahead schedules (ongoing - on a weekly basis).
- Provide updated master project schedule.
- Provide figure showing sanitary line excavation (provided by email during call)

Sun

- Arrange for transport and disposal of "first" frac tank water at Metro once lab results are received.

- Evaluate and arrange for disposal of “second” frac tank once lab data are available.
- Review schedule and indicate when truck loading from soil stockpile can be continued.
- Provide Cat a copy of the manifest signature authority letter.
- Route consolidated frac tank characterization data when available.

UniFirst

- Contact adjacent property owner (Sposato) regarding access request.
- Sign manifests for soil T&D.

8. Next Meeting

- November 2, 2022 at 9:30am

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: November 2, 2022
Location: Microsoft Teams
Attendees:

Name	Org	Email	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com	X
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com	X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com	X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com	X
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com	
Tom Rotella	C&S	TRotella@cscos.com	X
Dave Taillie	C&S	DTaillie@cscos.com	X
Hayden Haas	C&S	HHaas@cscos.com	X
Nevin Bradford	C&S	NBradford@cscos.com	X
Thomas Sanford	C&S	TSanford@cscos.com	X
Mara Notaro	Sun	maran@SunEnc.com	X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	
Jeff Holden	GEI	jholden@geiconsultants.com	X
Wendy Moore	GEI	WMoore@geiconsultants.com	X
Tim Dixon	GEI	TDixon@geiconsultants.com	X
Davis Miller	GEI	DMiller@geiconsultants.com	X

Meeting Minutes:

1. **General**

- A summary of the 10/26 call was distributed on 10/28. C&S noted that the summary did not mention the need for a letter from the DEC to approval backfill of the soil stockpile not meeting Seneca Meadows disposal requirements. GEI noted that the discussion last week was related to the alternative option of disposing those soils at a commercial facility, and that a decision to pursue DEC approval versus pay for offsite disposal would be made once offsite disposal options were identified.

2. **Coordination with UniFirst**

- No additional progress in advancing the Sposato access agreement for RI activities.
- Based on the data collected from the deep soil excavation area characterization, including non-detect results for TCLP lead, soil from this area has been accepted by Seneca Meadows and the profile has been modified to include these soils. The revised profile was provided yesterday to UniFirst. Once signed, we can begin arranging for transport and disposal of those soils at Seneca Meadows. There is no need to segregate this material from other recent soils excavated for disposal at Seneca Meadows.
- UniFirst is currently looking into offsite disposal options for the current soil stockpile that exceeds Seneca Meadows acceptance criteria and that was previously expected to be used as backfill at the site. At least one quote is expected today, and the cost will depend on

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Woburn, MA 01801
781-721-4000

whether additional data is collected to confirm the soil does not exceed TCLP criteria for lead. C&S indicated it is not time-critical to remove these soils, so UniFirst prefers to collect a sample for TCLP lead analysis on a rapid-turn basis. GEI will proceed with sampling as soon as sample jars are delivered. Once disposal options and costs are available, UniFirst will decide whether to pursue a written approval from DEC for backfill, or transport the soils for offsite disposal.

- Sun provided 10 manifests for soil stockpile transport activities last week. Sun has been provided signature authority from UniFirst, and so executed the manifests on UniFirst's behalf when needed last week. Going forward, UniFirst prefers UniFirst employees sign the manifests whenever possible. Approximately 50 additional manifests have been sent to the site. UniFirst identified a representative to sign the manifests (Ed Gerland).

3. <u>Construction Schedule</u>

- C&S provided a 3-week look ahead schedule on 11/1 and reviewed it on the call. Key points as follows:
    - Still on schedule relative to last week's projections.
    - Pouring concrete for pile caps today and for beam wall on Friday. Concrete pours will continue for next several weeks.
    - Excavation commenced in the "deep excavation" area today.
    - The schedule was adjusted to accommodate the mason's availability to construct the elevator shaft next week; plumbing work was push back.
    - 12/15 is current target timeframe for floor slab construction.
    - Areas of deeper soil excavation are expected to be completed and backfilled by 11/9.
    - The expected date for completion of soil-intrusive work associated with the building foundation is now 12/2.
    - The schedule shows work on the day after Thanksgiving, but final determination of the need for work that day is pending; discuss on future calls based on progress.
- C&S expects to excavate a sanitary sewer line on the north side of the building starting on 11/17. Based on C&S's inquiry from last week, GEI had indicated that, per the Interim Excavation Work Plan, excavated site soils cannot be reused as backfill within utility trenches. GEI asked whether other areas were subject to excavation in the future; C&S identified several areas that will be excavated after substantial completion of the building in early 2023, and will provide a map showing expected locations and depths. GEI will compare those areas to previous characterization data and approvals. The team will need to develop a plan to characterize soils in areas not represented by the existing dataset.
- Target next week to start transport and disposal of soils currently being excavated from the "deep excavation" area. Sun will confirm dates when an operator will be available for loading trucks.
- C&S preparing an updated master schedule (revised target distribution this week).
- Indoor air sampling for the Phase 1 building must be performed during the heating season (starting in November) and at least 30 days after the blowers are installed and operating. C&S is awaiting supplier pricing on the blowers and does not yet have a planned installation date.

4. <u>RFIs</u>

- No RFIs submitted or expected in near term.

5. Construction/Technical Issues

- TCLP lead was not detected in soils from the "deep excavation" area; therefore, these soils have been added to the Seneca Meadows profile. Loadout can commence once UniFirst executes and returns the amended profile and once Sun's operator is available for loading trucks.
- Soil loadout from the prior soil stockpile is complete. No oversize debris needed to be segregated from the stockpile.
- C&S asked last week whether HAZWOPER training was required to excavate "deep excavation" soils based on analytical results. GEI provided suggestions in an email dated 10/27. Currently, Fisher is doing the excavations with assistance and personnel air monitoring provided by Sun.
- Lab data from frac tank sampling are still delayed. Results from the first and second frac tank sampling are expected tomorrow. Results from the third tank are expected next week. A fourth tank has been brought on site and has sufficient capacity for this week. Pending the additional requested data for the first tank, the profile can be finalized for Metro and that water can be transported for disposal, possibly this week.
- C&S identified a surfactant product (Rusmar odor control foam AC645) from Atmos Technologies in PA available within approximately 24 hours in the event necessary to control dust or odors at the site.

6. Health and Safety

- Two periods of CAMP exceedances last week were reported to DEC/DOH and determined to be non-site-related. Weekly report submitted to DEC/DOH on 11/1.
- DEC/DOH suggested relocating AIR-102 to eliminate periodic exceedances from adjacent property use. No suitable alternate location has been identified due to space limitations. Continue to assess as conditions change.
- Sun continues to perform personnel air monitoring for themselves and C&S employees using PID and 4-gas meter in excavations. No issues to date.
- No health and safety incidents.

7. Action Items

GEI

- Continue to provide weekly CAMP reports to DEC/DOH; copy UniFirst and C&S.
- Arrange sampling and TCLP analysis of the non-Seneca Meadows soil stockpile.
- Begin developing a plan to characterize soils excavated from the planned sewer line and other previously uncharacterized areas to be identified by C&S based on expectations of future excavations.

C&S

- Provide a figure showing additional future excavations outside the building footprint, including utility trenches, drain lines, oil/water separator, stormwater detention basin, etc. Include excavation depths or elevations relative to existing.
- Identify target date for blower installation in Phase 1 building in order to plan for indoor air sampling.

- Provide 3-week look-ahead schedules (ongoing - on a weekly basis).
- Provide updated master project schedule.

Sun

- Arrange for transport and disposal of “first” frac tank water at Metro once lab results are received and profile is finalized.
- Evaluate and arrange for disposal of “second” and “third” frac tanks once lab data are available.
- Review schedule and indicate when truck loading from soil stockpile (currently being produced with soil from “deep excavation”) can commence.
- Route consolidated frac tank characterization data and waste manifests when available (ongoing).

UniFirst

- Contact adjacent property owner (Sposato) regarding access request.
- Sign manifests for soil T&D.
- Identify preferred approach for soil stockpile not suitable for disposal at Seneca Meadows (i.e., disposal offsite or on-site reuse with DEC approval).

8. Next Meeting

- November 9, 2022 at 9:30am

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: November 9, 2022
Location: Microsoft Teams
Attendees:

Name	Org	Email	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com	
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com	X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com	X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com	X
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com	
Tom Rotella	C&S	TRotella@cscos.com	X
Dave Taillie	C&S	DTaillie@cscos.com	X
Hayden Haas	C&S	HHaas@cscos.com	X
Nevin Bradford	C&S	NBradford@cscos.com	X
Thomas Sanford	C&S	TSanford@cscos.com	
Mara Notaro	Sun	maran@SunEnc.com	
Ileen Gladstone	GEI	igladstone@geiconsultants.com	X
Jeff Holden	GEI	jholden@geiconsultants.com	X
Wendy Moore	GEI	WMoore@geiconsultants.com	X
Tim Dixon	GEI	TDixon@geiconsultants.com	
Davis Miller	GEI	DMiller@geiconsultants.com	X

Meeting Minutes:

1. **General**
   - A summary of the 11/2 call was distributed on 11/2. No comments or issues noted by the team, so the summary is considered final.
2. **Coordination with UniFirst**
   - Based on the data collected from the deep soil excavation area characterization, the Seneca Meadows profile has been amended and signed by UniFirst.
   - UniFirst is still evaluating options for the current soil stockpile that exceeds Seneca Meadows acceptance criteria. GEI sampled the stockpile last week for TCLP lead analysis and the results indicated the soil is not characteristically hazardous for lead. That data has been provided to brokers for final pricing evaluation of disposal options. Once disposal options and costs are available, UniFirst will decide whether to pursue a written approval from DEC for backfill, or transport the soils for offsite disposal.
   - Sun arranged for water disposal at Metro based on sampling data and UniFirst has signed the profile. Water transport commenced 11/8.
   - Approximately 50 additional manifests were sent to the site last week (for soil disposal at Seneca Meadows). UniFirst signed the manifests (Ed Gerland), so they are ready for use as needed.

3. Construction Schedule

- C&S provided a 3-week look ahead schedule on 11/9 and reviewed it on the call. Key points as follows:
    - Still on schedule relative to last week's projections.
    - One sequence modification was made in order to accelerate the completion the deep foundation area along the south portion of the building, including backfill.
    - Concrete pours will continue for next several weeks; last pour expected 11/28. Forms will be stripped and foundation areas backfilled later that week.
    - The sewer installation area along the north portion of the building will be cleared by One Call tomorrow. GEI provided a proposed plan for sampling the soils in advance of sewer install. However, masons are currently staged in the area working on the elevator shaft. Current plan is to excavate soils as needed during sewer install, sample the stockpiled materials for disposal characterization, and then arrange disposal based on results.
    - Vapor barrier installation for office portion of Phase 2 building targeted for 12/6-12/7. Schedule is flexible based on weather and conditions. C&S is currently working with supplier regarding schedule, duration, and temperature conditions needed for the install. Will keep team apprised so GEI can arrange for field observation of the barrier install.
    - Interior plumbing rough cut work next week will result in limited additional soil excavation. This is from previously characterized area and material can go in Seneca Meadows stockpile.
    - No work planned for the day after Thanksgiving.
- C&S provided an updated master schedule before the call. Preliminary discussion as follows:
    - GEI noted Line 47 mentions PCB-related injections. Injections actually targeted PCE, and schedule should be corrected to avoid potential confusion by DEC.
    - The vapor barrier install for the Phase 2 building will be done in three phases. The first in December 2022 in the "office" area. The next two phases are planned for spring 2023.
    - GEI will review the schedule in more detail and provide any comments.
- Sun/C&S plan to start loadout of soils for disposal at Seneca Meadows starting next Wednesday,11/16.
- GEI asked if there was a target date where soils will no longer be exposed such that CAMP monitoring can be discontinued. C&S indicated that only the office portion of the Phase 2 building would be covered this year… soils will remain exposed in other areas until the vapor mitigation barrier and slabs are poured in the spring.

4. RFIs

- No RFIs submitted or expected in near term.

5. Construction/Technical Issues

- Most of the deep excavation area along the southern wall of the new building will be done this week. A portion closest to the existing Phase 1 building will occur later to minimize operation impacts.
- Loadout of soils from the deep excavation (and other previously characterized areas) is expected to commence on Wednesday, 11/16.
- C&S indicated the current small stockpile of soils not planned for disposal at Seneca Meadows is not impacting work, so UniFirst can proceed with evaluation of management options.

- Sun began transporting water from the first frac tank yesterday and second frac tank is expected to start today. Characterization data from third frac tank reportedly close to being available. Fourth frac tank is approximately ¾ full, but has not yet been tested.
- GEI inquired about the plan for management of "sludge" in the bottom of the first frac tank before it is demobilized. Sun was not on the call to discuss the plan.

6. Health and Safety

- CAMP exceedances last week were reported to DEC/DOH, but occurred during non-work hours. Elevated dust readings occurred last week during foggy conditions at the site, but dust-based action levels were not exceeded.
- On 11/4, work zone monitoring indicated elevated CO readings and negative LEL readings in a trench. A vac truck was parked near the trench. The truck was moved, the meters were recalibrated, and the issue cleared, so work resumed.

7. Action Items

GEI

- Continue to provide weekly CAMP reports to DEC/DOH; copy UniFirst and C&S.
- Provide comments on updated master schedule provided by C&S.
- Contact Sun about the plan for sludge management from the frac tanks.

C&S

- Provide a figure showing additional future excavations outside the building footprint, including utility trenches, drain lines, oil/water separator, stormwater detention basin, etc. Include excavation depths or elevations relative to existing.
- Contact vapor barrier supplier about schedule and weather/temperature conditions needed for installation.
- Identify target date for blower installation in Phase 1 building in order to plan for indoor air sampling.
- Provide 3-week look-ahead schedules (ongoing - on a weekly basis).

Sun

- Arrange for transport and disposal of "second" and "third" frac tanks once lab data are available.
- Sample water from "fourth" frac tank.
- Clean and remove "first" frac tank.
- Route consolidated frac tank characterization data and waste manifests when available (ongoing).

UniFirst

- Contact adjacent property owner (Sposato) regarding access request **(no updated information as of 11/9)**.

- Identify preferred approach for soil stockpile not suitable for disposal at Seneca Meadows (i.e., disposal offsite or on-site reuse with DEC approval).

8. Next Meeting

- November 16, 2022 at 9:30am

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: November 16, 2022
Location: Microsoft Teams
Attendees:

Name	Org	Email	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com	
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com	
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com	X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com	X
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com	
Tom Rotella	C&S	TRotella@cscos.com	X
Dave Taillie	C&S	DTaillie@cscos.com	X
Hayden Haas	C&S	HHaas@cscos.com	X
Nevin Bradford	C&S	NBradford@cscos.com	
Thomas Sanford	C&S	TSanford@cscos.com	X
Mara Notaro	Sun	maran@SunEnc.com	X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	X
Jeff Holden	GEI	jholden@geiconsultants.com	X
Wendy Moore	GEI	WMoore@geiconsultants.com	X
Tim Dixon	GEI	TDixon@geiconsultants.com	
Davis Miller	GEI	DMiller@geiconsultants.com	X

Meeting Minutes:

1. **General**
   - A summary of the 11/9 call was distributed on 11/9. No comments or issues noted by the team, so the summary is considered final.
2. **Coordination with UniFirst**
   - UniFirst is still evaluating options for the current soil stockpile that exceeds Seneca Meadows acceptance criteria. One T&D proposal is pending. UniFirst plans to make a decision by the end of this week.
   - C&S inquired whether the stockpile can be relocated on site because work activities are approaching that area. It was agreed the pile could be relocated as long as it was separate from the stockpile of material going to Seneca Meadows.
3. **Construction Schedule**
   - C&S provided a 3-week look ahead schedule on 11/9 and reviewed it on the call. Key points as follows:
     - Still on schedule relative to last week's projections.
     - The only excavation/backfill planned for this week is a portion of the sewer line within the previously characterized soil area. That excavation will extend into next week. The portion north of the building where soils have not been characterized will

be excavated next week at the end of the sewer install process and will be stockpiled for characterization per the prior plan.
    - Two more concrete wall pours are planned: one on 11/21 and the other on 11/28. Forms will be stripped and foundation areas backfilled following each pour.
    - One small excavation is pending between the Phase 1 building and the deep foundation area. Those soils have been characterized and planned for disposal at Seneca Meadows.
    - C&S has not gotten feedback from the vapor barrier installer regarding schedule or weather/temperature issues, and is planning for the installation to occur 12/5-6. Approximately 5000 square feet of barrier is to be installed in the office portion of the Phase 2 building. C&S will notify of any schedule changes or feedback from installer.
    - The office portion of the building will be prepared following the vapor barrier installation, with a planned concrete slab pour date of 12/15.
- GEI provided comments to C&S regarding the updated master schedule routed last week. Comments focused on activities involving soil management, CAMP implementation, and GEI on-site observation. C&S had no issues with the comments provided.
- In an email on 11/15, GEI proposed that CAMP equipment and full-time onsite observation by GEI could be discontinued on 12/2 based on the indications on the look-ahead schedule that intrusive earth work would not be occurring after this date. It was discussed that the date may be flexible as the work progresses, but that once stockpiles were gone, soil excavation was not routinely being performed, and backfill was complete, those measures could be discontinued. GEI would still be available to provide onsite support and CAMP monitoring on an as-needed basis going forward with advanced notice.
- C&S asked whether the CAMP stations could be removed once no longer needed because they could interfere with snow plowing. GEI agreed to remove them as soon as practical and that, once CAMP monitoring was no longer needed, they could be powered down and placed elsewhere on the site, away from site operations, until they could be physically removed.
- Loadout of soils for disposal at Seneca Meadows started this morning (11/16). Nine truckloads are scheduled for 11/16, and may be enough to remove the current stockpile. If not, Sun will plan additional loadout days based on availability.
- DEC has reportedly modified the criteria for when testing of imported fill is required. Under the old policy, the crushed limestone being used on site did not require testing. Under the revised policy, it may require some level of testing. C&S indicated the material has been used on site and a stockpile is available for sampling if needed. GEI will look further into the new DEC policy and testing requirements and requested a total estimated use volume estimate from C&S as a basis for assessing how many analyses may be required.
- GEI asked about the potential to install some or all of the wells needed for the RI and to monitor the performance of the injected material. Based on current schedule, target areas may not be accessible until next spring, which would be much longer than the post-injection monitoring program and RI schedule called for. If GEI need to get data, options were discussed such as grab samples and temporary well installations and replacements. It was agreed that GEI would provide a map of target locations as a basis for further discussion of this issue.
- C&S had a call with the supplier for the blowers to be installed in the Phase 1 building as part of the active vapor mitigation system. The supplier asked whether the blowers need to operate continuously or intermittently, and whether the blowers could be mounted inside the roof. They also had questions about the connection to the discharge riser. C&S will consolidate the questions into an RFI.

4. RFIs

- No RFIs submitted, but C&S will be preparing one as indicated above.

5. Construction/Technical Issues

- Four frac tanks on site have water in them; approximately 20,000 gallons was pumped from excavation areas on Monday after the weekend rain. Frac Tank #1 had previously been emptied and was slated to be cleaned and removed, but instead was used for water storage. Another tank has been sampled and will be emptied tomorrow (11/17) for disposal at Metro.
- Most of the deep excavation area along the southern wall of the new building will be done this week. A portion closest to the existing Phase 1 building will occur later to minimize operation impacts.
- Sun has developed an approach for cleaning and disposal of accumulated sediment in frac tanks prior to their removal from the site. Sun will submit the proposal to UniFirst for approval. Based on data from the first frac tank, disposal is anticipated to include stabilization and landfill disposal in Tonawanda. Alternative disposal may be required for some tanks depending on material characterization.

6. Health and Safety

- CAMP exceedances last week were reported to DEC/DOH. One was a dust exceedance that was attributed to mortar dust during removal of scaffolding. The other was a VOC exceedance that occurred during non-work hours.
- Work zone monitoring continues with no issues noted.
- No health and safety incidents reported.

7. Action Items

GEI

- Continue to provide weekly CAMP reports to DEC/DOH; copy UniFirst and C&S.
- Provide a site plan with target locations as a basis for further discussion of when and where wells may be feasible for sampling.
- Research new test imported fill testing requirements and potential impacts related to the use of crushed limestone fill.
- Arrange for onsite observation of vapor barrier system installation and testing scheduled for 12/5-6.

C&S

- Provide a figure showing additional future excavations outside the building footprint, including utility trenches, drain lines, oil/water separator, stormwater detention basin, etc. Include excavation depths relative to existing grade.
- Prepare and submit an RFI related to Phase 1 building blower installation questions.
- Provide an estimate of the volume of crushed limestone fill used at the site to assist with determining the number of samples that may be needed for characterization under DEC's modified policy for imported fill.
- Provide 3-week look-ahead schedules (ongoing - on a weekly basis).

Sun

- Continue to arrange for characterization and disposal of collected water (ongoing).
- Provide a proposal to UniFirst for cleaning and disposal of residue from frac tanks prior to demobilizing them from the site.
- Route consolidated frac tank characterization data and waste manifests when available (ongoing).

UniFirst

- Contact adjacent property owner (Sposato) regarding access request **(no success contacting owner as of 11/16)**.
- Identify preferred approach for soil stockpile not suitable for disposal at Seneca Meadows (i.e., disposal offsite or on-site reuse with DEC approval).

8. Next Meeting

- November 23, 2022 at 9:30am

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: November 23, 2022
Location: Microsoft Teams
Attendees:

Name	Org	Email	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com	X
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com	X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com	X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com	X
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com	
Tom Rotella	C&S	TRotella@cscos.com	X
Dave Taillie	C&S	DTaillie@cscos.com	X
Hayden Haas	C&S	HHaas@cscos.com	X
Nevin Bradford	C&S	NBradford@cscos.com	
Thomas Sanford	C&S	TSanford@cscos.com	X
Michael Sherlock	C&S	MSherlock@cscos.com	X
Mara Notaro	Sun	maran@SunEnc.com	X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	
Jeff Holden	GEI	jholden@geiconsultants.com	X
Wendy Moore	GEI	WMoore@geiconsultants.com	
Tim Dixon	GEI	TDixon@geiconsultants.com	X
Adam Grossman	GEI	AGrossman@geiconsultants.com	X

Meeting Minutes:

1. **General**
   - A summary of the 11/16 call was distributed on 11/18. No comments or issues noted by the team, so the summary is considered final.
   - Mike Sherlock is new Director of Safety at C&S and has been added to the weekly call.
   - Adam Grossman will be taking over GEI on-site role starting Monday, 11/28.
2. **Coordination with UniFirst**
   - UniFirst has elected to transport and dispose soils from the current "small" soil stockpile that exceeds Seneca Meadows acceptance criteria. Profiling and contracting are underway; loading and transport can be scheduled once those are complete.
   - C&S has worked around the stockpile and does not anticipate it will need to be relocated prior to loading for offsite disposal.
3. **Construction Schedule**
   - C&S provided a 3-week look ahead schedule on 11/22 and reviewed it on the call. Key points as follows:

  - One concrete pour occurred on 11/21 and the next will occur on 11/28.
  - Backfill of structural fill is expected to be complete by the end of next week (12/2).
  - The sewer line excavation is scheduled for Monday, 11/28. The soils will be stockpiled for characterization.
  - One small excavation was completed this week between the Phase 1 building and the deep foundation area. Those soils have been characterized and are stockpiled for disposal at Seneca Meadows.
  - C&S is planning for the vapor barrier installation on 12/5-6. Mobilization and installation start on 12/5; installation complete and smoke testing on 12/6. GEI will provide onsite observer for this work (Larry Welch).
  - The office portion of the building will be prepared following the vapor barrier installation, with a planned concrete slab pour date of 12/15.
  - Structural steel installation starts 12/19.

- In an email on 11/15, GEI proposed that CAMP equipment and full-time onsite observation by GEI could be discontinued on 12/2 based on the indications on the look-ahead schedule that intrusive earth work would not be occurring after this date. Backfill is expected to be complete by then, but it's possible stockpile loadout will not be complete. CAMP and GEI observer may extend into the following week.

- Apart from the sewer excavation planned for next week, no other soil excavation is planned for the near term.

- GEI showed a site plan indicating well locations necessary for the RI and for IRM-related monitoring (copy attached). Three couplets are needed for near-term sampling for the IRM; circled in red on figure. One (MW-5S/I) is in a landscape area west of the Phase 1 building. C&S foresees no issues with installing that well. Two others (MW-3S/I and MW-4S/I) are along the east property line. This area will be active for a while. It was agreed the best option would be to collect grab samples from these locations rather than install wells pending completion of building construction. C&S indicated these locations would likely be accessible for a drill rig early during the week of 12/15. After that, weekend work might be needed and would have to be coordinated to ensure materials are not being stored in that area. GEI will look into driller availability. C&S also noted that the overhead utilities in this area are communication lines and have been disconnected from service.

4. RFIs

- C&S submitted an RFI on 11/21 related to Phase 1 building blower installations. GEI will review and respond.

5. Construction/Technical Issues

- DEC has modified the criteria for when testing of imported fill is required but has not yet communicated revised testing frequency/requirements. Under the revised policy, crushed limestone used at the site may require some level of testing. C&S estimated 1500 cy of material will be used, including areas outside the brownfield boundaries beneath paved parking areas. GEI will look further into the new DEC policy and testing requirements; unless further clarification is available from DEC, we expect to test using pre-existing frequency and analytes.

- Four frac tanks on site have water in them. Samples from two tanks are currently at the laboratory. A tank filled this week will be sampled on 11/28 to avoid hold time issues over the holiday. One tank was emptied during the last week; was disposed at Metro based on testing data.

- Sun has developed an approach for cleaning and disposal of accumulated sediment in frac tanks prior to their removal from the site. They currently have approval for non-haz sludge disposal facility. A second facility (in case of hazardous determination for subsequent loads) has been identified, but not yet profiled pending data indicating haz disposal may be needed. Sun's proposal for tank cleaning and sludge disposal not yet submitted to UniFirst.

6. Health and Safety

- No CAMP exceedances last week; weekly report submitted to DEC/DOH on 11/22.
- Work zone monitoring continues with no issues noted.
- No health and safety incidents reported.

7. Action Items

GEI

- Continue to provide weekly CAMP reports to DEC/DOH; copy UniFirst and C&S.
- Contact drillers regarding schedule for well installations and groundwater sampling.
- Research new test imported fill testing requirements and potential impacts related to the use of crushed limestone fill.
- Review and respond to C&S's RFI regarding vapor mitigation system blowers.

C&S

- Provide a figure showing additional future excavations outside the building footprint, including utility trenches, drain lines, oil/water separator, stormwater detention basin, etc. Include excavation depths relative to existing grade. **(C&S confirmed during the 11/23 call that no near-term excavation is planned apart from the sewer line excavation. Since the point of identifying excavation areas was to consolidate a plan for material testing where needed, the timing of this submittal is no longer critical. No additional excavation is planned until spring 2023.)**
- Provide 3-week look-ahead schedules (ongoing - on a weekly basis).

Sun

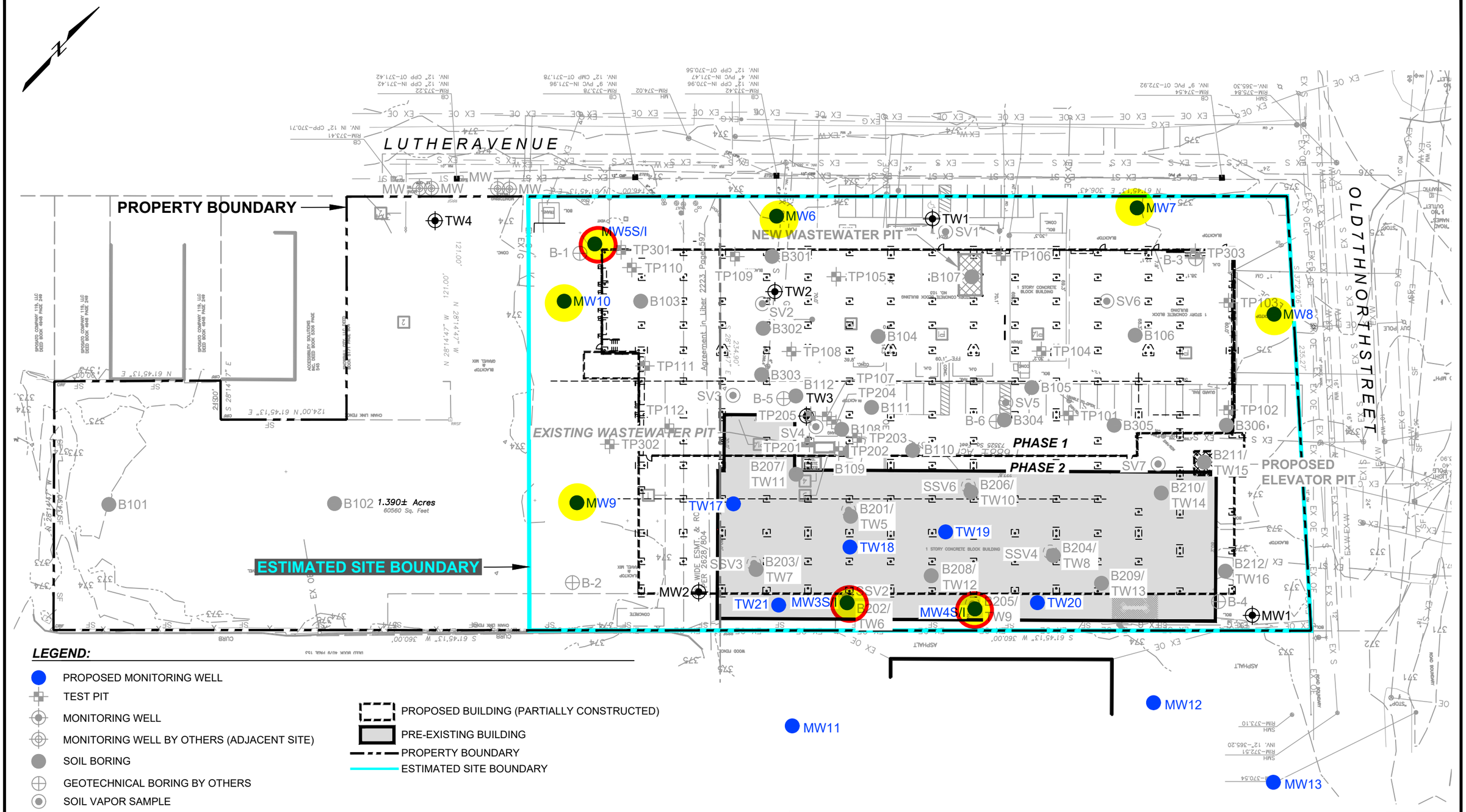
- Continue to arrange for characterization and disposal of collected water (ongoing).
- Provide a proposal to UniFirst for cleaning and disposal of residue from frac tanks prior to demobilizing them from the site.
- Route frac tank characterization data and waste manifests when available (ongoing).

UniFirst

- Contact adjacent property owner (Sposato) regarding access request **(no success contacting owner as of 11/23)**.

8. Next Meeting

- November 30, 2022 at 9:30am



LEGEND:

- PROPOSED MONITORING WELL
- TEST PIT
- MONITORING WELL
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- SOIL BORING
- GEOTECHNICAL BORING BY OTHERS
- SOIL VAPOR SAMPLE
- SUB-SLAB SOIL GAS MONITORING POINT
- PROPOSED BUILDING (PARTIALLY CONSTRUCTED)
- PRE-EXISTING BUILDING
- PROPERTY BOUNDARY
- ESTIMATED SITE BOUNDARY

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

0 50 100

SCALE: 1" = 50'

Revised Remedial Investigation Work Plan
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

PLANNED REMEDIAL INVESTIGATION (GROUNDWATER)

Project 2001642 | February 2022 | Fig. 8

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: November 30, 2022
Location: Microsoft Teams
Attendees:

Name	Org	Email	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com	X
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com	
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com	X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com	X
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com	
Tom Rotella	C&S	TRotella@cscos.com	X
Dave Taillie	C&S	DTaillie@cscos.com	X
Hayden Haas	C&S	HHaas@cscos.com	
Nevin Bradford	C&S	NBradford@cscos.com	X
Thomas Sanford	C&S	TSanford@cscos.com	
Michael Sherlock	C&S	MSherlock@cscos.com	X
Mara Notaro	Sun	maran@SunEnc.com	X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	X
Jeff Holden	GEI	jholden@geiconsultants.com	X
Wendy Moore	GEI	WMoore@geiconsultants.com	X
Tim Dixon	GEI	TDixon@geiconsultants.com	
Adam Grossman	GEI	AGrossman@geiconsultants.com	X

Meeting Minutes:

1. **General**
   - A summary of the 11/23 call was distributed on 11/23. No comments or issues noted by the team, so the summary is considered final.
2. **Coordination with UniFirst**
   - UniFirst has elected to transport and dispose soils from the current "small" soil stockpile that exceeds Seneca Meadows acceptance criteria. Profiling and contracting are underway. We are told it could take 2-3 weeks to arrange transport. C&S indicated soil pile needs to be removed by 12/15 else pile will no longer be accessible due to steel operations. GEI will see if more aggressive T&D schedule can be accommodated. Otherwise, soil stockpile may not be accessible until steel work is complete.
   - UniFirst received response from Sposato last week requesting attorney involvement. UniFirst has a call set up later today to discuss Mr. Sposato's issues.
3. **Construction Schedule**
   - C&S provided a 3-week look ahead schedule on 11/30 and reviewed it on the call. Key points as follows:

400 Unicorn Park Drive
Woburn, MA 01801
781-721-4000

  - The final concrete foundation pour occurred on 11/28. Forms are currently being stripped.
  - Backfill of structural fill is expected to be complete by the end of this week (12/2) but could be delayed by rain expected later today.
  - The sewer line excavation, installation, and backfill was completed yesterday. The soil from the excavation is stockpiled and samples are at the laboratory with results expected end of week.
  - C&S is currently removing used forms and steel deliveries have started.
  - C&S is currently preparing the subslab beneath the office portion of the Phase 2 building in advance of vapor mitigation system installation planned for 12/5-6. Weather currently looks favorable for install.
  - The office portion of the building will be prepared following the vapor barrier installation, with a planned concrete slab pour date of 12/15.
  - Structural steel installation starts 12/19.

- GEI asked whether vapor monitoring points were planned for the office pour area and C&S confirmed. C&S also noted that one of the planned vapor points is near a planned slab joint. GEI and C&S agreed to evaluate the need for relocating that point outside the scope of the weekly call.
- Regarding soil transport and disposal, C&S suggested awaiting analytical results for the sewer line soils before scheduling next loadout. Assuming analytical results support disposal at Seneca Meadows, those soils could be combined with the existing approved soils for one truckload. If timing allows, target loadout for next week.
- In an email on 11/15, GEI proposed that CAMP equipment and full-time onsite observation by GEI could be discontinued on 12/2 based on the indications on the look-ahead schedule that intrusive earth work would not be occurring after this date. Backfill is expected to be complete by then, but it's unlikely stockpile loadout will be complete. GEI will plan to continue CAMP and field observer into next week.
- GEI contacted drillers following last week's call to assess availability to install wells and collect grab groundwater samples the week of 12/12. No drillers have availability until the end of January at the earliest. GEI will contact them again about the possibility of weekend work, else get on the schedule for late January/early February before those slots are gone.

4. <u>RFIs</u>

- GEI responded to C&S's RFI regarding blower installation on 11/29. In overview, blower installation inside the roof or at floor level is not an option based on DOH requirements. Exterior wall-mount may be possible for some locations. GEI offered some suggestions for supporting the pipe connections above the roof. C&S indicated exterior wall mount may be helpful for Phase 2 building, but not Phase 1. C&S will evaluate vent pipe support options and include them in required submittal. C&S also asked about vent pipe direction relative to wind direction and further discussion was tabled until GEI's vapor mitigation designer (Larry Welch) is on site next week for the vapor mitigation system installation.

5. <u>Construction/Technical Issues</u>

- Four frac tanks on site have water in them. One is being emptied today for disposal at Metro based on data received yesterday. Two more were recently sampled with results pending. The fourth has capacity for any needed dewatering between now and the completion of backfill (expected complete on 12/2).

- Sun has prepared two proposals that are currently with UniFirst for review. One is for tank cleanout and the other for non-hazardous sludge disposal. UniFirst has received and is reviewing.
- GEI's field observer noted a water line break in a daily report last week. C&S confirmed that the water line supplying the field trailer was broken, shut off, and is being repaired.

6. Health and Safety

- No CAMP exceedances last week; weekly report submitted to DEC/DOH on 11/29.
- Work zone monitoring continues with no issues noted.
- No health and safety incidents reported.

7. Action Items

GEI

- Continue to provide weekly CAMP reports to DEC/DOH; copy UniFirst and C&S.
- Contact drillers to schedule well installations and groundwater sampling.
- Submit imported fill material requests to DEC using source certification data.
- Coordinate with C&S regarding the need for relocation of the vapor monitoring point near the floor slab joint.
- Discuss blower vent orientation with C&S while onsite next week for vapor mitigation system installation.

C&S

- Provide 3-week look-ahead schedules (ongoing - on a weekly basis).

Sun

- Continue to arrange for characterization and disposal of collected water (ongoing).
- Route frac tank characterization data and waste manifests when available (ongoing).

UniFirst

- Review and respond to Sun proposals for tanks cleaning and non-hazardous sludge disposal.

8. Next Meeting

- December 7, 2022 at 9:30am

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Construction Coordination Call Notes
UniFirst Liverpool Phase 2 Construction
GEI Project: 2001642

Date of Meeting: December 7, 2022
Location: Microsoft Teams
Attendees:

Name	Org	Email	Attended
Tim Cosgrave	UniFirst	Timothy_Cosgrave@unifirst.com	
Rick Montgomery	UniFirst	Rick_Montgomery@unifirst.com	X
Cat Malagrida	UniFirst	Catherine_Malagrida@unifirst.com	X
Ben Brown	UniFirst	Benjamin_Brown@unifirst.com	X
Shawn Musachio	UniFirst	Shawn.Musachio@unifirst.com	
Tom Rotella	C&S	TRotella@cscos.com	X
Dave Taillie	C&S	DTaillie@cscos.com	X
Hayden Haas	C&S	HHaas@cscos.com	X
Nevin Bradford	C&S	NBradford@cscos.com	
Thomas Sanford	C&S	TSanford@cscos.com	X
Michael Sherlock	C&S	MSherlock@cscos.com	
Mara Notaro	Sun	maran@SunEnc.com	X
Ileen Gladstone	GEI	igladstone@geiconsultants.com	
Jeff Holden	GEI	jholden@geiconsultants.com	X
Wendy Moore	GEI	WMoore@geiconsultants.com	X
Larry Welch	GEI	LWelch@geiconsultants.com	X
Adam Grossman	GEI	AGrossman@geiconsultants.com	

Meeting Minutes:

1. **General**
   - A summary of the 11/30 call was distributed on 12/1. No comments or issues noted by the team, so the summary is considered final.
2. **Coordination with UniFirst**
   - Profiling and contracting are underway for transport and disposal of soils from the current soil stockpile that exceeds Seneca Meadows acceptance criteria. A sample was sent to the disposal facility last week for testing; results pending. Disposal company is aware the goal is to remove the soil pile by 12/15 else pile will no longer be accessible until steel work is complete.
3. **Construction Schedule**
   - No discussion of 3-week lookahead schedule because planned construction activities on the schedule are related to building construction rather than impacted material management which is the focus of this call.
   - No target date is available yet for loadout of the remaining Seneca Meadows and the sewer excavation soils. A low PCE concentration was detected in the sewer line excavation soils, so

either another contained-in determination is needed from DEC or TCLP testing is needed to confirm acceptability. Both options are being pursued.

- Vapor barrier install was scheduled to start 12/5 but was delayed one day by vapor barrier installation subcontractor. Work is now underway.
- GEI will discontinue CAMP monitoring and full-time onsite observation by GEI this week because intrusive work is no longer being performed. CAMP equipment and personnel will be remobilized on a day-to-day basis as required, including for soil loadout once scheduled.
- GEI booked drillers for 2/6/23 to install the one permanent well pair near the facility entrance at Luther Ave and collect grab samples at two other locations along the property boundary with Sposado for post-injection monitoring. This schedule is based on C&S's expectation that steel work will be complete and access to target locations will be available by then.

4. RFIs

- C&S will submit a design proposal for the roof-mounted blower vents. There was no minimum height specified for the blower motors above the roof, but GEI confirmed they should be at least 3 feet above the roof to be above potential snow levels.

5. Construction/Technical Issues

- GEI and C&S discussed the blower vent orientation in the field. The design called for vents to be directed away from air intake units, which, in this case, resulted in vents opening toward the prevailing upwind location. GEI's vapor mitigation system engineer confirmed this was not a problem for unit operation.
- The vapor barrier subcontractor mobilized later than expected and began work early on 12/6. The liner was installed and joint seams were sprayed on despite rain during the day. As of the morning of 12/7, the adhesive was not bonding to the liner nor to the concrete walls or utility penetrations. Due to forecasted rain for 12/7, it was decided that liner work would be cancelled for the day and Larry Welch (GEI) would work with the liner manufacturer to develop an approach and instructions for the installation contractor to reapply the materials on 12/8 when improved weather was expected. The liner manufacturer is located in California, so Larry was not expecting the plan to be fully developed until the end of the day due to the time difference. He will share the plan once developed. Meanwhile, a test seam was also sprayed and placed in the field trailer to test its performance when not affected by the weather.
- One frac tank has been emptied, cleaned, and removed from the site since last week. Analytical results for a second tank were received and indicate that tank is suitable for disposal at Metro, so Sun plans to transport the water and remove the tank next week. Two other tanks have water and are awaiting analytical characterization.
- UniFirst approved Sun's proposal for tank cleaning and sludge disposal, so Sun is implementing that plan.
- NYSDEC approved the import request for 1500 cy of crushed limestone fill. GEI will forward the approval to C&S.
- The group discussed the need for continuing these coordination calls given that soil and groundwater management will not be routinely needed over the next several months. C&S indicated that they would issue 3-week lookahead schedules to the group and that those would be used as a basis for coordinating and scheduling work as needed (e.g., soil loadout, well installations, etc.). Additional calls will be scheduled on an as-needed basis.
- C&S indicated that future soil excavation will be needed for the retention pond and parking areas, and that there won't be room for soil stockpiling when this work occurs in the spring.

Provisions for direct loading would be preferred. GEI noted that C&S was preparing a figure showing areas where future excavation is expected, along with associated volumes. Once received, that information can be used as a basis for evaluating any additional soil characterization needs, profiling, and arranging for transport and disposal, as needed.

6. Health and Safety

- No CAMP or personnel air monitoring exceedances last week. Personnel air monitoring was discontinued on 12/2.

7. Action Items

GEI

- Forward DEC approval for imported crushed limestone fill to C&S.
- Develop a plan for vapor barrier repair/re-installation to be implemented on 12/8.
- Continue to finalize soil profiles and contracts for soil disposal.

C&S

- Provide 3-week look-ahead schedules on a weekly basis. These will be the trigger for identifying future activities where coordination is required among this team.

Sun

- Continue to arrange for characterization and disposal of collected water (ongoing).
- Route frac tank characterization data and waste manifests when available (ongoing).

8. Next Meeting

- None planned. Schedule as needed if issues arise.

\\geiconsultants.com\data\Data_Storage\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\08_MEETINGS\Construction Meetings\12-07-22\12-07-22 call summary.docx

Appendix G Photograph Log

UniFirst Liverpool Photos – Phase 2: Vapor Mitigation System, Injection Program, and Soil Management
GEI Project No.: 2001642
Client: UniFirst Corporation



Photo 1. Installation of a temporary injection point using direct push (5-24-2022)



Photo 2. Installed temporary injection points (5-24-2022)



Photo 3. Minor daylighting of injection fluid around a temporary injection point (5-24-2022)



Photo 4. Phase 2 construction area with water-filled footer excavation in foreground (10-3-22)



Photo 5. Water-filled foundation trench along southeastern property boundary (10-3-22)



Photo 6. Stockpile of soil from footer excavations and foundation trench; includes poly cover and erosion control berm and silt fencing (10-3-2022)



Photo 7. Footer excavations after dewatering (frac tank in background) (10-25-2022)



Photo 8. Building footers installed in dewatered pits (10-28-2022)



Photo 9. Deeper excavation area to allow for construction of southern foundation wall (11/3/2022)



Photo 10. Shallow excavation for sewer line installation (connection of sewer line on north side of Phase 2 building to the public sewer at Old 7th North Street (11-28-2022)



Photo 11. Completed foundation wall, extends around perimeter of Phase 2 building footprint



Photo 12. The northeastern end of the construction area has been covered with gravel. Vapor barrier will be installed over the gravel, and will be sealed to the protruding piers, rebar, soil vapor monitoring points, and conduit pipes (12-2-2022)



Photo 13. First section of vapor barrier installation in progress. Nitracore sealant was used to adhere vapor barrier to Phase 1 building and to seal seams and penetrations for pipes and rebar (12-6-2022).



Photo 14. First section of vapor barrier installed in northeastern portion of building area; area was smoke tested upon completion (12-6-2022)



Photo 15. Installation of second section of vapor barrier in the central portion of the building in progress. Seams and penetrations were sealed with Nitra-Core (3-27-2023)



Photo 16. Vapor barrier installed and sealed in central building area (3-28-2023)



Photo 17. Smoke testing being performed in central building area (3-28-2023)



Photo 18. Protective textile layer installed above vapor barrier in central building area (3-28-2023)



Photo 19. Pit for Vortex oil-water separator (final component of new stormwater system) in northeast corner of property (3-27-2023)



Photo 20. Vortex oil-water separator installed in northeast corner of property (3-28-2023)



Photo 21. Installation of third and final section of vapor barrier in southwestern portion of building (4-17-2023)



Photo 22. Vapor barrier in southwestern building area being sealed with Nitra-Core (4-27-2023)



Photo 23. Vapor barrier in southwestern building area sealed with Nitra-Core; concrete floor slab installed in northeastern and central building areas in background (4-18-2023)

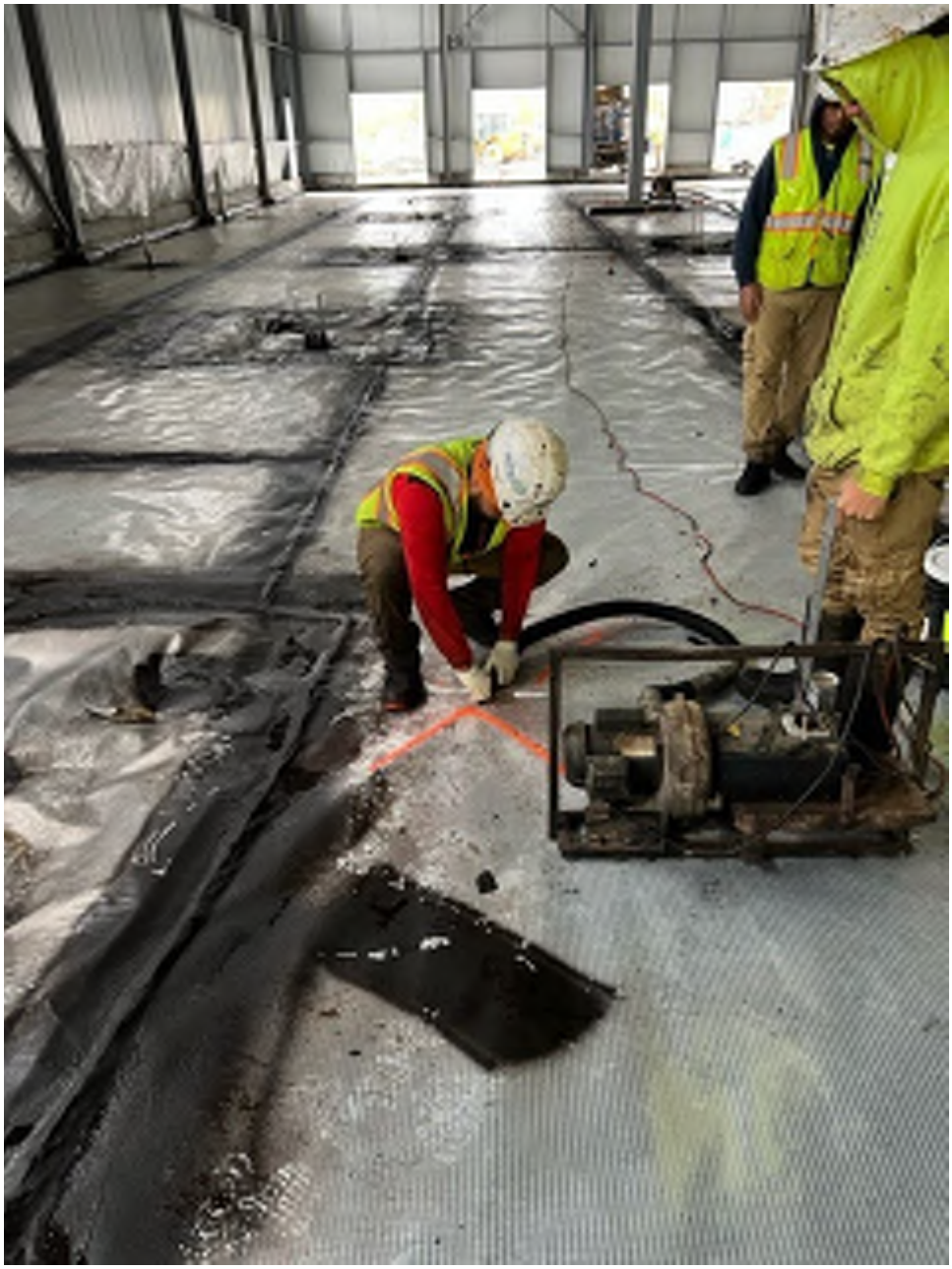


Photo 24. Conducting smoke test in southwestern building area vapor barrier (4-18-2023)



Photo 25. Protective textile layer installed above vapor barrier in southwestern building area (4-18-2023)



Photo 26. Installation of perforated stormwater drainage pipe in swale along southeastern property boundary in progress; roof drains (at right), stormwater retention pond and stormwater drainage piping associated with parking areas (beyond background of this photo) to be connected to this swale (5-8-2023)



Photo 27. Trench for underground stormwater drainage pipe in rear of building (5-28-2023)



Photo 28. Installation of underground stormwater drainage pipe in foreground, routed along southeastern property boundary from stormwater retention pond in rear portion of property; gravel-lined drainage swale in progress adjacent to building in background of photo (5-25-2023)



Photo 29. Former wastewater pit partially filled with concrete; associated piping was also filled with concrete and left in place (8-23-2023)



Photo 30. View of building roof, looking southwest; Phase 2 in background of photo (10-31-2023)



Photo 31. View of building roof, looking north-northeast; Phase 2 on right side of photo (10-31-2023)



Photo 32. View of building roof, looking southwest, with stack S4 visible near the rear left corner of the building (10-31-2023)



Photo 33. Close-up view of stack S4, looking north (10-31-2023)



Photo 34. View of building roof, looking northwest, including stack S5 in the lower left corner of photo (10-31-2023)



Photo 35. Close-up view of stack S5, looking northwest (10-31-2023)

Appendix H Injection Summary

Memo

To:	Mike Belveg (NYSDEC)
From:	Jeffrey Holden, P.E. and Ileen Gladstone, P.E.
cc:	Catherine Malagrida (UniFirst) Tim Cosgrave (UniFirst) and Wendy Moore (GEI)
Date:	January 18, 2023
Re:	Summary of Interim Remedial Measure Injections during Phase 2 Facility Renovation UniFirst Laundry Facility, 113 7th North Street, Liverpool, NY GEI Project No. 2001642

This memorandum summarizes the implementation of remedial injections performed to address chlorinated volatile organic compounds (CVOCs) in soil and groundwater beneath the former building at UniFirst's laundry facility located at 113 7th North Street in Liverpool, NY. The remedial injections were one component of an Interim Remedial Measure (IRM) Work Plan for Phase 2 facility renovations (GEI 2022) that was submitted to the New York State Department of Environmental Conservation (NYSDEC) in February 2022 (with revisions in May, July, and September 2022). The IRM Work Plan was conditionally approved by the NYSDEC on May 19, 2022, and formally approved on September 9, 2022.

The injections were designed and implemented to address CVOCs in soil and groundwater beneath a portion of the pre-existing facility building following its demolition and prior to commencing construction of Phase 2 facility building renovations in its place. As discussed in the IRM Work Plan, the injections included zero valent iron (ZVI), emulsified zero-valent iron (EZVI), and several carbon and nutrient amendments to facilitate in-situ abiotic and biotic reductive processes to treat residual CVOCs between approximately 8 and 20 feet deep below the original building floor slab elevation.

Entities involved in the project included:

- UniFirst – Facility owner undertaking the facility renovations and the IRM activities.
- C&S Companies – contractor performing the facility renovations on behalf of UniFirst. Remedial injections were planned and scheduled with C&S to minimize impacts on the facility renovation schedule, but C&S was not involved with the injections and temporarily discontinued site operations during the two-week window when the injections were performed.
- GEI – Identified the remedial scope and application area, prepared the IRM Work Plan, observed the remedial injections, and performed Community Air Monitoring Plan (CAMP) monitoring over the course of the work.

GEI Consultants, Inc.
400 Unicorn Park Drive, Woburn, MA 01801
781.721.4000

- Warren Ramie Surveying (Ramie) – staked target injection locations in the field per the injection layout identified in the IRM Work Plan.
- Innovative Environmental Technologies, Inc. (IET) – Specialty contractor supporting and implementing the remedial injection as a subcontractor to GEI.

GEI, IET, and Ramie mobilized to the site to commence the injection component of the IRM on May 23, 2022. At that time, the floor slab from the former facility building had been demolished by C&S, such that the working surface was generally bounded to the northwest by the new Phase 1 building and to the southeast by an approximately one-foot step-up to adjacent grade. The site was surrounded by a locked perimeter security fence already in place for the facility renovation work. GEI commenced CAMP operations and conducted an initial safety orientation briefing prior to beginning onsite work. Ramie began staking the three permeable reactive barrier (PRB) injection lines as well as the grid-based injection points within the main injection target area as indicated in the IRM Work Plan and shown on the attached Figure.

Upon completion of survey work, IET began injection activities on May 23, 2022 using two crews – each with a trailer-based mixing and injection system and a direct-push drilling rig – working at opposite ends of the injection area, starting with the PRBs and working inward toward the source zone injection area. PRBs were injected first to counteract anticipated mounding in the primary injection area. Once the PRBs were complete, IET commenced injections in the source zone injection area (see Figure). The NYSDEC (Project Manager Mike Belveg) visited the site on May 25, 2022 to observe injection activities. IET discontinued work activities on May 27,2022 and resumed on May 31, 2022 after the holiday weekend. The injections were completed on June 3, 2022 and IET cleaned up the work area demobilized personnel and equipment.

In general, injections were performed in accordance with the plan and approach described in the IRM Work Plan. However, certain modifications were required, as follows:

- Several locations along the northwest edge of the primary injection area were immediately adjacent to the new Phase 1 building and needed to be moved approximately 4 feet southeast to avoid hitting the new building footers.

- Subsurface obstructions were encountered at a few locations and the injection point was relocated a foot or more to avoid the obstruction.

- At some locations the injection process caused daylighting of injection materials either at the injection point or at some other location several feet away. The daylighting occurred in localized areas and did not result in overland flow beyond the work area. When daylighting occurred, injection pressures were reduced to slow the injection process. Also, because the daylighting frequently occurred at nearby prior injection points, drilling tools were left in place, when possible, to minimize daylighting through the borehole. Also, in cases where all the target injection quantity could not be reasonably injected at a given location, the remaining material was distributed among adjacent injection points such that the total design injection volume could still be delivered to the subsurface.

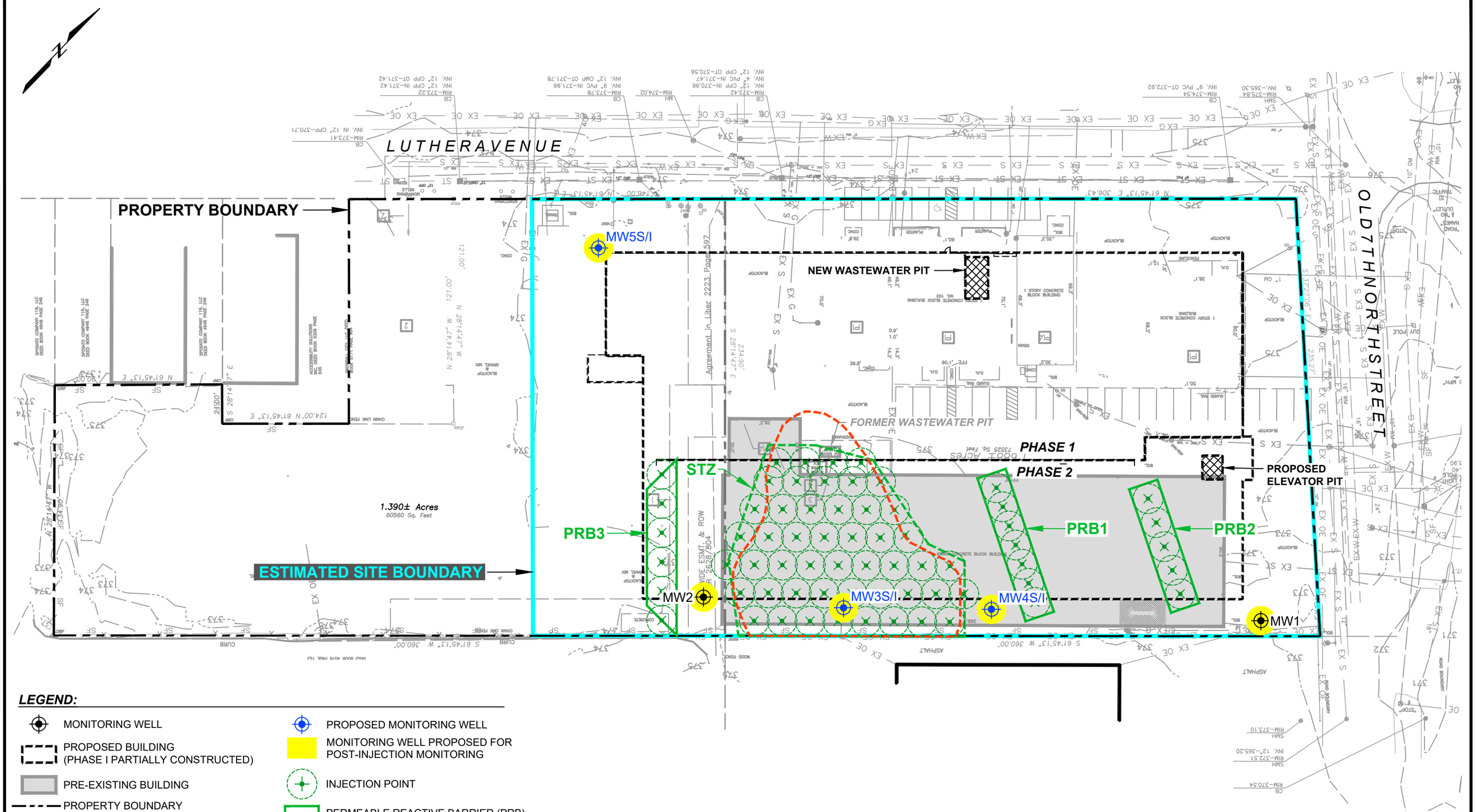
A photolog (Appendix A) and IET's field summary report (Appendix B) are attached. As indicated in IET's documentation, the target quantities of all materials were delivered to the subsurface, although the distribution varied from target quantities at each location based on field conditions. In total, 5,200 gallons of EZVI and 14,400 gallons of slurry containing ZVI and nutrients were injected within the target depth zone of approximately 8 to 20 feet below grade.

No exceedances of CAMP action levels occurred during the course of the injection activities and there were no health and safety incidents.

Please feel free to contact us with any questions.

WLM/JSH:tc
\\geiconsultants.com\data\Data_Storage\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\06_REPORT\Inj Summ Memo for IRM for Ph 2 Const\Injection summary memo_FIN.docx

Figure



LEGEND:

- MONITORING WELL
- PROPOSED BUILDING (PHASE I PARTIALLY CONSTRUCTED)
- PRE-EXISTING BUILDING
- PROPERTY BOUNDARY
- ESTIMATED SITE BOUNDARY
- ESTIMATED SOURCE ZONE
- PROPOSED MONITORING WELL
- MONITORING WELL PROPOSED FOR POST-INJECTION MONITORING
- INJECTION POINT
- PERMEABLE REACTIVE BARRIER (PRB)
- SOURCE TREATMENT ZONE (STZ)

SOURCE:

1. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-1.1 & L-1.2 REV. 4 DATED 11.05.19. PREPARED BY KEPLINGER FREEMAN ASSOCIATES.

0 50 100

SCALE: 1" = 50'

Interim Remedial Measure- Injection Memo
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

IRM SCOPE OF WORK

Project 2001642 | February 2022 | Fig. 1

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Appendix A

Photolog

Photos
UniFirst Liverpool IRM for Phase 2 Construction – Injection Component

GEI Project No.: 2001642
Client: UniFirst Corporation



Photo No. 1 – Site conditions immediately preceding mobilization of injection equipment (5/20/22)



Photo No. 2 – One of the injection crews, including mixing trailer and drill rig, set up on PRB3 (other crew in background, working on PRB2) (5/23/2022)

Photos
UniFirst Liverpool IRM for Phase 2 Construction – Injection Component

GEI Project No.: 2001642
Client: UniFirst Corporation



Photo No. 3 – Both injection crews working in source zone injection area (May 31, 2022)



Photo No. 4 – Site conditions immediately following demobilization (ponded rainwater in foreground) (June 3, 2022)

Appendix B

IET Field Summary Report

Technology Discussion and Field Report

To

GEI

For

The Application Of

EZVI and "In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies"

At

113 7th North St.
Liverpool, NY

July 2022

Innovative Environmental Technologies, Inc.
6071 Easton Road
Pipersville, PA 18947
(888) 721-8283
www.iet-inc.net

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Remediation Implementation 3
Injection Procedures 3
Direct-Push-Driven Perforated Rod Placement 3
ZVI, Organic Hydrogen, Nutrient and Vitamin Injection 4
Liquid Rinse 4
Post Injection Line Purge 4
Site Map 4
Conclusion 5
Appendix A – Injection Logs 6

Executive Summary

On behalf of GEI, Innovative Environmental Technologies, Inc. (IET) has prepared the following injection report. This report has been prepared to document remediation activities conducted at the site.

The injection program was implemented from May 23rd to June 3rd, 2022. The remedial approach employed synergistic reductive dechlorination chemistry, utilizing zero valent iron, various organic hydrogen donors, nutrients and vitamins. The integration of both abiotic and biotic remedial compounds allow for rapid dechlorination reactions and long lasting biological attenuation.

The materials introduced across Areas PRB-1, PRB-2, PRB-3 and Area A included 12,209 pounds of Zero Valent Iron, 1,080 pounds of Nutrient, 3,138 pounds of Hydrolyzed Kelp, 13,256 pounds of Calcium Propionate, 1,080 pounds of Sodium Sulfite, 17,000 pounds of Provect-IR, 1,080 pounds of Yeast Extract, 5,200 gallons of EZVI, 1,962 grams of Vitamin B12, 27,648 grams of Vitamin B2, and 29,460 grams of Red Yeast Rice suspended in water to create approximately 21,600 gallons of injectant volume. Daylighting of the injected reagent occurred from several locations across the site and in these instances injectant volume was distributed to adjacent or nearby injection locations. The point by point dosages along with instances of daylighting are also noted in the attached field logs.

Introduction

The 113 7th North St. site located in Liverpool, New York was identified as having soils and groundwater impacted by the historical release of chlorinated solvents. The primary compounds of concern were Tetrachloroethene (PCE) and its associated daughter products. An injection program was proposed by IET for the remediation of CVOC impacts in Area A and 3 downgradient PRB Areas (PRB-1, PRB-2 and PRB-3) utilizing direct push tooling and synergistic reductive dechlorination technologies.

Remediation Implementation

Injection Procedures

IET completed the fifty-six injection locations (56 intervals total) proposed for the Treatment Area and 3 permeable reactive barriers (PRBs). Details regarding each injection attempt are provided in the field logs in the Appendix.



FIGURE 1: AMS 9500 VTR

Direct-Push-Driven Perforated Rod Placement

An AMS DPT unit comparable to the one pictured in Figure 1, was utilized to drive the injection screen (as seen in Figure 2) to depths ranging from 8 to 20 feet below ground surface (bgs). It is at these depths, that the likelihood exists of being in close proximity to the targeted waters in the more permeable layers that were identified during characterization of the site. These more permeable layers are those believed to have historically provided the preferential pathways taken by the dissolved-phase CVOCs.

Subsurface Pathway Development

Compressed nitrogen was used to propel all injectants into the subsurface. Compressed nitrogen was first injected into the subsurface at approximately 150 pounds per square inch (psi) until a significant pressure drop was observed at the injection pressure vessel. This process is referred to as pathway development. The intent of this step is to open pathways in the subsurface for the injectants to follow. These pathways are believed to be those more permeable pathways along which CVOCs are more likely to have



FIGURE 2: RETRACTABLE INJECTION SCREEN

migrated, both in the vadose and saturated zones. Liquid and liquid-entrained injectants are then delivered with pressurized gas to the pathways that were produced during the development step.

ZVI, Organic Hydrogen, Nutrient and Vitamin Injection

A colloidal suspension of 15-40 micron zero valent iron (ZVI) was immediately injected into the subsurface fractures and voids that were developed during the compressed nitrogen injection step. Immediately following, under constant pressure the injectant slurry was then introduced.

Liquid Rinse

A small amount of water was injected to clear the injection lines of the injectant and promotes mounding of groundwater into the vadose zone.

Post Injection Line Purge

Compressed nitrogen was injected to clear the lines of all material and to force the remedial components further into the formation before moving to the next injection location.

Site Map

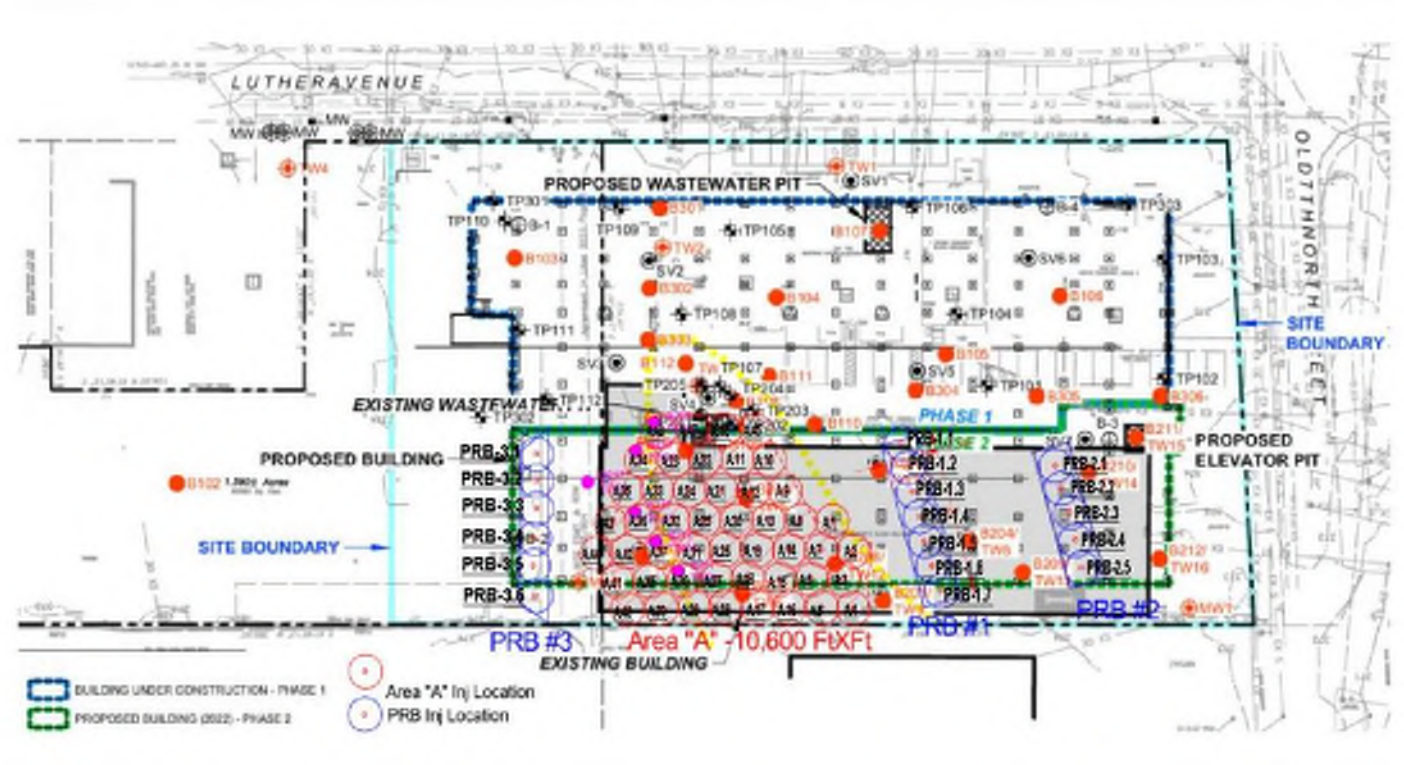


FIGURE 3: GENERAL INJECTION IMPLEMENTATION – INJECTION LOCATIONS

Conclusion

The injection program at the 113 7th North St. site was implemented based on the proposed design with slight field modifications which were required because of daylighting. It is expected that the injection event will yield positive results in the areas targeted. IET looks forward the assessing the data following future sampling events and following up with any additional work required at the site.

Appendix A – Injection Logs

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

Injection Date: May 24, 2022

260 **Survey map point**

	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Start Time:	5:18		4:42		4:14		4:06			
Stop Time	5:42		5:16		4:23		4:11			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	9-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	150		150		150		150			
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)	50		50		50		50			

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

259 Survey map point

Injection Date:	May 24, 2022									
Start Time:	7:02		6:47		6:37		5:59			
Stop Time	7:27		7:02		6:44		6:10			
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	150		150		150		150			
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)	50		50		50		50			

FIELD OBSERVATIONS/COMMENTS:

Daylighting near new building, reduced pressure, completed location at 3 psi.

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

258 Survey map point

Injection Date:	June 1, 2022		June 1, 2022		June 1, 2022		May 24, 2022			
Start Time:	10:05		9:45		9:34		3:20			
Stop Time	10:30		9:58		9:44		3:28			
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	150		150		150		150			
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	376	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	148	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									0	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	15	
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	5	
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	56	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	252	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37.2	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)	50		50		50		50			

FIELD OBSERVATIONS/COMMENTS:

Daylights 50 gallons at 18-20' zone, finished 6/1

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

257 Survey map point

Injection Date:	May 24, 2022									
Start Time:	2:12		1:49		12:32**		12:24			
Stop Time	2:19		2:09		1:45		12:31			
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	9-17'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	150		150		150		150			
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	16	64	64	64	64	64	64	64	208	256
Grams RYR/inj	34.125	136.5	136.5	136.5	136.5	136.5	136.5	136.5	443.625	546
Pounds Yeast Extract/inj	1.25	5	5	5	5	5	5	5	16.25	20
Pounds of Provect-IR/inj	23.5	94	94	94	94	94	94	94	305.5	375
Pounds of ZVI/inj	9.25	37	37	37	37	37	37	37	120.25	149
Pounds of Sulfite/inj	1.25	5	5	5	5	5	5	5	16.25	20
Pounds of Nutrient/inj									16.25	20
BLEND (LBS)	0.9375	3.75	3.75	3.75	3.75	3.75	3.75	3.75	12.1875	
MSP (LBS)	0.3125	1.25	1.25	1.25	1.25	1.25	1.25	1.25	4.0625	
Pounds of Kelp/inj	3.5	14	14	14	14	14	14	14	45.5	55
Pounds of Propionate/inj	15.75	63	63	63	63	63	63	63	204.75	250
Grams of B12/inj	2.325	9.3	9.3	9.3	9.3	9.3	9.3	9.3	30.225	37
Estimated Gallons of Slurry	25	100	100	100	100	100	100	100	325	400
Pressure of Post-injection pathway development (PSI)	50		50		50		50			

FIELD OBSERVATIONS/COMMENTS:

**Air Line Broke caused delay

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

256 **Survey map point**

	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Injection Date:	June 1, 2022		June 1, 2022		June 1, 2022		May 24, 2022			
Start Time:	12:13		11:54		11:41		11:10			
Stop Time	12:22		12:13		11:53		12:09			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Need to try to drill again for 225 gallon

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

255 Survey map point

Injection Date:	May 24, 2022								
Start Time:	10:42		9:36		9:21		9:17		
Stop Time	11:08		10:40		9:28				
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	Actual	Proposed	Actual	Proposed	Actual	Proposed	Actual	Proposed	Actual	Proposed
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	150		150		150		150			
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)	50		50		50		50			

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

Injection Date: June 1, 2022

254 Survey map point

	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Start Time:	11:32		11:16		11:05		10:42			
Stop Time	11:39		11:25		11:16		10:58			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	150		150		150		150			
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)	50		50		50		50			

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

PRB 1	Point Summary	PRB Summary
Number of Points	7	7
Grams B2/pt	256	1792
Grams RYR/pt	546	3822
Pounds Yeast Extract/pt	20	140
Pounds Provect-IR/pt	375	2625
Pounds of ZVI/pt	149	1043
Pounds of Sulfite/pt	20	140
Pounds of Nutrient/pt	20	140
Pounds Kelp/pt	55	385
Pounds of Propionate/pt	250	1750
Grams of B12/pt	37	259
Gallons of Slurry	400.0	2800

Comments:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

261 Survey map point

Injection Date:	May 23, 2022								
Start Time:	6:28		6:20		5:57		5:53		
Stop Time	6:32		6:25		6:05		5:57		
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17	15-17'	18-20	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			2-5 secs
Pressure of Pre-injection pathway development	100		100		100		100			100
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										100

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

262 **Survey map point**

Injection Date:	May 23, 2022								
Start Time:	5:24		5:05		4:36		4:29		
Stop Time	5:51		5:22		5:00		4:34		
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17	15-17'	18-20	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	100		100		100		100			
Depth of Injection (ft)	9	9	9	12	9	15	9	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

263 **Survey map point**

	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Injection Date:	6/1/2022		6/1/2022		5/23/2022		5/23/2022			
Start Time:	8:00		7:20		4:06		3:59			
Stop Time	8:41		8:00		4:11		4:04			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	100		100		100		100			
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting Interval #3

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

Injection Date: May 23, 2022

264 Survey map point

	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Start Time:	3:34		3:12		2:38		2:16			
Stop Time	3:55		3:33		2:48		2:37			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17	15-17'	18-20	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	100		100		100		100			
Depth of Injection (ft)	9	9	9	12	9	15	9	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

265 **Survey map point**

Injection Date:	May 25, 2022								
Start Time:	9:29		9:19		9:10		8:53		
Stop Time	9:46		9:27		9:19		9:10		
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17	15-17'	18-20	18-20'	8-20'	9-17'
Duration of Fracture (seconds):	3		3		3		3			
Pressure of Pre-injection pathway development	100		100		100		100			
Depth of Injection (ft)	9	9	9	12	9	15	9	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

PRB 2	Point Summary	PRB Summary
Number of Points	5	5
Grams B2/pt	256	1280
Grams RYR/pt	546	2730
Pounds Yeast Extract/pt	20	100
Pounds Provect-IR/pt	499	2495
Pounds of ZVI/pt	132	660
Pounds of Sulfite/pt	20	100
Pounds of Nutrient/pt	20	100
Pounds Kelp/pt	73	365
Pounds of Propionate/pt	332	1660
Grams of B12/pt	37	185
Gallons of Slurry	400.0	2000

Comments:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

205

Injection Date:	May 24, 2022									
Start Time:	10:40		10:27		10:14		10:04			
Stop Time	10:50		10:37		10:24		10:14			
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

204

Injection Date:	May 24, 2022									
Start Time:	12:07		11:43		11;20		11:03			
Stop Time	12:24		12:03		11:40		11:18			
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

203

Injection Date:	May 23, 2022									
Start Time:	5:07		4:45		4:24		4:03			
Stop Time	5:20		5:00		4:40		4:20			
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-18'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

100 PSI

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

202

Injection Date:	May 23, 2022									
Start Time:	3:52		3;39		3:26		3:17			
Stop Time	4:00		3:49		3:36		3:26			
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting 30 N

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

201

Injection Date:	May 24, 2022									
Start Time:	9:28		9:20		9:07		8:56			
Stop Time	9:38		9:27		9:17		9:06			
	Interval #1		Interval #2		Interval #3		Interval #4		Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12	12	15	15	18	18		
Grams B2/inj	64	64	64	64	64	64	64	64	256	256
Grams RYR/inj	136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj	94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj	37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj	5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj									20	20
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj	14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj	63	63	63	63	63	63	63	63	250	250
Grams of B12/inj	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry	100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting 30' N

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

200

		Interval #1		Interval #2		Interval #3		Interval #4		Summary	
	Injection Date:	May 23, 2022									
	Start Time:	2:52		2:31		2:13		1:58			
	Stop Time	3:14		2:50		2:25		2:10			
Summary		Actual	Proposed	Actual	Proposed	Actual	Proposed	Actual	Proposed	Actual	Proposed
Injection Zone		8-10'	8-10'	12-14'	12-14'	15-17'	15-17'	18-20'	18-20'	8-20'	9-17'
Duration of Fracture (seconds):											
Pressure of Pre-injection pathway development											
Depth of Injection (ft)		9	9	12	12	15	15	18	18		
Grams B2/inj		64	64	64	64	64	64	64	64	256	256
Grams RYR/inj		136.5	136.5	136.5	136.5	136.5	136.5	136.5	136.5	546	546
Pounds Yeast Extract/inj		5	5	5	5	5	5	5	5	20	20
Pounds of Provect-IR/inj		94	94	94	94	94	94	94	94	375	375
Pounds of ZVI/inj		37	37	37	37	37	37	37	37	149	149
Pounds of Sulfite/inj		5	5	5	5	5	5	5	5	20	20
Pounds of Nutrient/inj										20	20
BLEND (LBS)		3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75		
MSP (LBS)		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25		
Pounds of Kelp/inj		14	14	14	14	14	14	14	14	55	55
Pounds of Propionate/inj		63	63	63	63	63	63	63	63	250	250
Grams of B12/inj		9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	37	37
Estimated Gallons of Slurry		100	100	100	100	100	100	100	100	400	400
Pressure of Post-injection pathway development (PSI)											

FIELD OBSERVATIONS/COMMENTS:

80 PSI

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

PRB 3	Point Summary	PRB Summary
Number of Points	6	6
Grams B2/pt	256	1536
Grams RYR/pt	546	3276
Pounds Yeast Extract/pt	20	120
Pounds Provect-IR/pt	404.0	2424
Pounds of ZVI/pt	119.0	714
Pounds of Sulfite/pt	20.0	120
Pounds of Nutrient/pt	20.0	120
Pounds Kelp/pt	54.0	324
Pounds of Propionate/pt	257.0	1542
Grams of B12/pt	37.0	222
Gallons of Slurry	400.0	2400.0

Comments:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

253

Injection Date:	May 26, 2022									
Start Time:	12:38		12:28		12:17					
Stop Time	12:59		12:37		12:25					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15			150	150
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

252

Injection Date:	May 26, 2022									
Start Time:	1:53		1:25		11:26					
Stop Time	2:09		1:49		12:06					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15			150	150
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS;

Injection screen clogged 2X, needed to revisit location to complete.

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

250

Injection Date:	June 3, 2022									
Start Time:	10:13		10:30		10:57					
Stop Time	10:28		10:53		11:09					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0 x 2	64.0	64.0 x 2	64.0	64.0	64.0			576	192
Grams RYR/inj	136.3 x 2	136.3	136.3 x 2	136.3	136.3	136.3			1227	409
Pounds Yeast Extract/inj	5.0 x 2	5.0	5.0 x 2	5.0	5.0	5.0			45	15
Pounds of Provect-IR/inj	65.7 x 2	65.7	65.7 x 2	65.7	65.7	65.7			591	197
Pounds of ZVI/inj	68.0 x 2	68.0	68.0 x 2	68.0	68.0 x2	68.0			612	204
Pounds of Sulfite/inj	5.0 x 2	5.0	5.0 x 2	5.0	5.00 x2	5.0			45	15
Pounds of Nutrient/inj									45	15
BLEND (LBS)	3.75 x 2	3.75	3.75 x 2	3.75	3.75 x2	3.75				
MSP (LBS)	1.25 x 2	1.25	1.25 x 2	1.25	1.25 x2	1.25				
Pounds of Kelp/inj	14.3 x 2	14.3	14.3 x 2	14.3	14.3 x2	14.3			129	43
Pounds of Propionate/inj	57.7 x 2	57.7	57.7 x 2	57.7	57.7 x2	57.7			519	173
Grams of B12/inj	9.0 x 2	9.0	9.0 x 2	9.0	9.00 x2	9.0			81	27
EZVI gls	33.3 x 2	33.3	33.3 x 2	33.3	33.3 x2	33.3			300	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			900	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

226 material added here

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

251

Injection Date:	May 25, 2022										
Start Time:	11:55		11:35		10:16						
Stop Time	11:59		11:54		11:33						
	Interval #1		Interval #2		Interval #3				Summary		
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**	
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'	
Duration of Fracture (seconds):											
Pressure of Pre-injection pathway development											
Depth of Injection (ft)	9	9	12.5	12.5	15	15					
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192	
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409	
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197	
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204	
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Nutrient/inj									15	15	
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75					
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25					
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43	
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173	
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27	
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100	
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300	
Pressure of Post-injection pathway development (PSI)											

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

238

Injection Date:	May 25, 2022										
Start Time:	12:51		12:42		12:25						
Stop Time	1:21		12:51		12:41						
	Interval #1		Interval #2		Interval #3				Summary		
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**	
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'	
Duration of Fracture (seconds):											
Pressure of Pre-injection pathway development											
Depth of Injection (ft)	9	9	12.5	12.5	15	15			150	150	
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192	
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409	
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197	
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204	
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Nutrient/inj									15	15	
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75					
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25					
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43	
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173	
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27	
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100	
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300	
Pressure of Post-injection pathway development (PSI)											

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

239

Injection Date:	May 26, 2022									
Start Time:	2:51		2:34		2:27					
Stop Time	3:35		2:49		2:33					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15			150	150
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Interveral #2 - Daylighitng near old footing to the south - south east

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

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Injection Date:	June 1, 2022									
Start Time:	2:20		1:48		1:30					
Stop Time	2:49		2;19		1:48					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15			150	150
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

248

Injection Date:	May 27, 2022									
Start Time:	9:33		9:19		9:11					
Stop Time	9:39		9:33		9:19					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	12.5	12.5			150	150
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

247

Injection Date:	May 31, 2022									
Start Time:	5:11		4:49		4:22					
Stop Time	5:23		5:11		4:49					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylight to SSE

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

246

Injection Date:	May 25, 2022									
Start Time:	5:26		5:17		5:05					
Stop Time	5:37		5:20		5:12					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Top Interval dropped to 55 PSI to keep from daylighting

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

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Injection Date:	June 2, 2022									
Start Time:	3:13		3:37		4:13					
Stop Time	3:25		3:52		4:40					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.00 x 2	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3 x 2	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0 x 2	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7 x 2	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0 x 2	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0 x 2	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75 x 2	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25 x 2	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3 x 2	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7 x 2	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0 x 2	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3 x 2	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

244 Shallow Added

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

242

Injection Date:	June 2, 2022									
Start Time:	11:59		11:45		11:33					
Stop Time	12:09		11:55		11:43					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

241

Injection Date:	May 26, 2022										
Start Time:	4:54		4:15		3:55						
Stop Time	5:21		4:44		4:15						
	Interval #1		Interval #2		Interval #3				Summary		
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**	
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'	
Duration of Fracture (seconds):											
Pressure of Pre-injection pathway development											
Depth of Injection (ft)	9	9	12.5	12.5	15	15					
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192	
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409	
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197	
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204	
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Nutrient/inj									15	15	
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75					
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25					
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43	
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173	
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27	
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100	
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300	
Pressure of Post-injection pathway development (PSI)											

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

240

Injection Date:	May 23, 2022									
Start Time:	12:11		12:01		11:44					
Stop Time	1:09		12:05		11:59		`			
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15			150	150
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

236

Injection Date:	5/27/22									
Start Time:	10:53		10:40		10:15					
Stop Time	11:09		10:49		10:40					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'		12.5-14.5		15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9		12.5		15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192.0	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409.0	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15.0	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197.0	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204.0	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15.0	15
Pounds of Nutrient/inj										15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75			11.3	
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25			3.8	
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43.0	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173.0	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27.0	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			99.9	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300.0	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

237

Injection Date:	May 25, 2022										
Start Time:	3:45		3:14		2:38						
Stop Time	4:01		3:30		3:01						
	Interval #1		Interval #2		Interval #3				Summary		
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**	
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'	
Duration of Fracture (seconds):											
Pressure of Pre-injection pathway development											
Depth of Injection (ft)	9	9	12.5	12.5	15	15					
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192	
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409	
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197	
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204	
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Nutrient/inj									15	15	
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75					
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25					
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43	
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173	
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27	
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100	
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300	
Pressure of Post-injection pathway development (PSI)											

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

224

Injection Date:	May 25, 2022									
Start Time:	12:10		11:40		11:16					
Stop Time	12:26		12:09		11:30					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

225

Injection Date:	May 26, 2022									
Start Time:	2:02		1:40		12:10					
Stop Time	2:17		1:59		12:23					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

235

Injection Date:	June 2, 2022									
Start Time:	4:45		5:00		5:39					
Stop Time	5:00		5:18		6:02					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0 x 2	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3 x 2	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0 x 2	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7 x 2	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0 x 2	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0 x 2	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75 x 2	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25 x 2	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3 x 2	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7 x 2	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0 x 2	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3 x 2	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

from 236 added

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

234

Injection Date:	June 2, 2022									
Start Time:	11:05		10:55		10:46					
Stop Time	11:16		11:05		10:53					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

233

Injection Date:	May 25, 2022									
Start Time:	4:15		3:35		3:40					
Stop Time	4:27		4:13		3:42					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Slight Surface Escape

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

232

Injection Date:	May 25, 2022									
Start Time:	4:18		3:52		3:31					
Stop Time	4:42		4:19		3;46					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

229

Injection Date:	June 11, 2022									
Start Time:	12:27		12:04		11:41					
Stop Time	12:42		12:20		12:00					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

228

Injection Date:	May 31, 2022									
Start Time:	X		2:45		2:26					
Stop Time	X		2:55		2:40					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	X	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	X	9	12.5	12.5	15	15				
Grams B2/inj	X	64.0	64.0	64.0	64.0	64.0			128.0	192
Grams RYR/inj	X	136.3	136.3	136.3	136.3	136.3			272.7	409
Pounds Yeast Extract/inj	X	5.0	5.0	5.0	5.0	5.0			10.0	15
Pounds of Provect-IR/inj	X	65.7	65.7	65.7	65.7	65.7			131.3	197
Pounds of ZVI/inj	X	68.0	68.0	68.0	68.0	68.0			136.0	204
Pounds of Sulfite/inj	X	5.0	5.0	5.0	5.0	5.0			10.0	15
Pounds of Nutrient/inj									10.0	15
BLEND (LBS)	X	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	X	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	X	14.3	14.3	14.3	14.3	14.3			28.7	43
Pounds of Propionate/inj	X	57.7	57.7	57.7	57.7	57.7			115.3	173
Grams of B12/inj	X	9.0	9.0	9.0	9.0	9.0			18.0	27
EZVI gls	X	33.3	33.3	33.3	33.3	33.3			66.6	100
Estimated Gallons of Slurry	X	100.0	100.0	100.0	100.0	100.0			200.0	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

227

Injection Date:	May 26, 2022									
Start Time:	3:03		2:44		2:20					
Stop Time	3:28		3:02		2:39					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

Injection Date: May 31, 2022

226

Start Time: 1:12 PM

Stop Time 2:34 PM

	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone		9-11'		12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)		9		12.5	15	15				
Grams B2/inj	0.0	64.0	0.0	64.0	64.0	64.0			64.0	192
Grams RYR/inj	0.0	136.3	0.0	136.3	136.3	136.3			136.3	409
Pounds Yeast Extract/inj	0.0	5.0	0.0	5.0	5.0	5.0			5.0	15
Pounds of Provect-IR/inj	0.0	65.7	0.0	65.7	65.7	65.7			65.7	197
Pounds of ZVI/inj	0.0	68.0	0.0	68.0	68.0	68.0			68.0	204
Pounds of Sulfite/inj	0.0	5.0	0.0	5.0	5.0	5.0			5.0	15
Pounds of Nutrient/inj										15
BLEND (LBS)	0.00	3.75	0.00	3.75	3.75	3.75			3.8	
MSP (LBS)	0.00	1.25	0.00	1.25	1.25	1.25			1.3	
Pounds of Kelp/inj	0.00	14.3	0.00	14.3	14.3	14.3			14.3	43
Pounds of Propionate/inj	0.00	57.7	0.00	57.7	57.7	57.7			57.7	173
Grams of B12/inj	0.00	9.0	0.00	9.0	9.0	9.0			9.0	27
EZVI gls	0.00	33.3	0.00	33.3	33.3	33.3			33.3	100
Estimated Gallons of Slurry	0.00	100.0	0.00	100.0	100.0	100.0			100.0	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Dylighting - Interval #3, reagent was added at A-3

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

222

Injection Date:	June 2, 2022									
Start Time:	10:36		10:25		9:40					
Stop Time	10;44		10:35		10:00					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

223

Injection Date:	May 24, 2022									
Start Time:	5:22		5:00		4:40					
Stop Time	5:35		5:13		4:53					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

213

Injection Date:	May 24, 2022									
Start Time:	4:21		4:08		3:40					
Stop Time	4:32		4:19		4:04					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	128.0	64.0			256.0	192
Grams RYR/inj	136.3	136.3	136.3	136.3	272.7	136.3			545.3	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	10.0	5.0			20.0	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	131.3	65.7			262.7	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	136.0	68.0			272.0	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	10.0	5.0			20.0	15
Pounds of Nutrient/inj									20.0	15
BLEND (LBS)	3.75	3.75	3.75	3.75	7.5	3.75			15.0	
MSP (LBS)	1.25	1.25	1.25	1.25	2.5	1.25			5.0	
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	28.7	14.3			57.3	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	115.3	57.7			230.7	173
Grams of B12/inj	9.0	9.0	9.0	9.0	18.0	9.0			36.0	27
EZVI gls	33.3	33.3	33.3	33.3	66.6	33.3			133.2	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	200.0	100.0			400.0	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

206 Injections #2 added here

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

Injection Date:	May 31, 2022									
214										
Start Time:	3:59		3:38		3:26					
Stop Time	4:12		3:53		3:37					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Clogged internal #1

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

221

Injection Date:	May 25, 2022									
Start Time:	3:16		3:01		2:42					
Stop Time	3:31		3:13		2:54					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

220

Injection Date:	June 11, 2022										
Start Time:	4:05		3:55		12:45						
Stop Time	4:16		4:05		12:58						
	Interval #1		Interval #2		Interval #3				Summary		
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**	
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'	
Duration of Fracture (seconds):											
Pressure of Pre-injection pathway development											
Depth of Injection (ft)	9	9	12.5	12.5	15	15					
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192	
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409	
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197	
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204	
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Nutrient/inj									15	15	
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75					
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25					
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43	
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173	
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27	
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100	
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300	
Pressure of Post-injection pathway development (PSI)											

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

219

Injection Date:	May 26, 2022									
Start Time:	11:48		11:28		11:08					
Stop Time	12:02		11:43		11:23					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

218

Injection Date:	June 3, 2022									
Start Time:	8:45		9:20		9:42					
Stop Time	9:15		9:37		10:00					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

217

Injection Date:	May 24, 2022									
Start Time:	2:06		1:51		1:38					
Stop Time	2:17		2:03		1:50					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

216

Injection Date:	May 31, 2022									
Start Time:	12:42		12:28		12:13					
Stop Time	12:56		12:39		12:20					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

215

Injection Date:	June 1, 2022										
Start Time:	11:07		10:34		10:16						
Stop Time	11:30		10:54		10:28						
	Interval #1		Interval #2		Interval #3				Summary		
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**	
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'	
Duration of Fracture (seconds):											
Pressure of Pre-injection pathway development											
Depth of Injection (ft)	9	9	12.5	12.5	15	15					
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192	
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409	
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197	
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204	
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15	
Pounds of Nutrient/inj									15	15	
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75					
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25					
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43	
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173	
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27	
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100	
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300	
Pressure of Post-injection pathway development (PSI)											

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

211

Injection Date:	May 26, 2022									
Start Time:	10:37		X		10:18					
Stop Time	10:49		X		10:30					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	X	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	X	12.5	15	15				
Grams B2/inj	64.0	64.0	X	64.0	64.0	64.0			128.0	192
Grams RYR/inj	136.3	136.3	X	136.3	136.3	136.3			272.7	409
Pounds Yeast Extract/inj	5.0	5.0	X	5.0	5.0	5.0			10.0	15
Pounds of Provect-IR/inj	65.7	65.7	X	65.7	65.7	65.7			131.3	197
Pounds of ZVI/inj	68.0	68.0	X	68.0	68.0	68.0			136.0	204
Pounds of Sulfite/inj	5.0	5.0	X	5.0	5.0	5.0			10.0	15
Pounds of Nutrient/inj										15
BLEND (LBS)	3.75	3.75	X	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	X	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	X	14.3	14.3	14.3			28.7	43
Pounds of Propionate/inj	57.7	57.7	X	57.7	57.7	57.7			115.3	173
Grams of B12/inj	9.0	9.0	X	9.0	9.0	9.0			18.0	27
EZVI gls	33.3	33.3	X	33.3	33.3	33.3			66.6	100
Estimated Gallons of Slurry	100.0	100.0	X	100.0	100.0	100.0			200.0	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting 12.5-14.5', 9-11'

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

212

Injection Date:	5/25, 6/2/2022									
Start Time:	10:30		9:05		10:20, 8:30					
Stop Time	10:54		9:45		10:26, 9:00					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	96.0	64.0	128.0	64.0	224.0	64.0			448.0	192
Grams RYR/inj	204.5	136.3	272.7	136.3	477.2	136.3			954.3	409
Pounds Yeast Extract/inj	7.5	5.0	10.0	5.0	17.5	5.0			35.0	15
Pounds of Provect-IR/inj	98.5	65.7	131.3	65.7	229.8	65.7			459.7	197
Pounds of ZVI/inj	102.0	68.0	136.0	68.0	238.0	68.0			476.0	204
Pounds of Sulfite/inj	7.5	5.0	10.0	5.0	17.5	5.0			35.0	15
Pounds of Nutrient/inj									35.0	15
BLEND (LBS)	5.6	3.75	7.5	3.75	13.1	3.75			26.3	
MSP (LBS)	1.9	1.25	2.5	1.25	4.4	1.25			8.8	
Pounds of Kelp/inj	21.5	14.3	28.7	14.3	50.2	14.3			100.3	43
Pounds of Propionate/inj	86.5	57.7	115.3	57.7	201.8	57.7			403.7	173
Grams of B12/inj	13.5	9.0	18.0	9.0	31.5	9.0			63.0	27
EZVI gls	50.0	33.3	66.6	33.3	116.6	33.3			233.1	100
Estimated Gallons of Slurry	150.0	100.0	200.0	100.0	350.0	100.0			700.0	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting Cracks offset 5' and redrilled 6/2, 4 tanks added

8:30-9:45, 9-22'

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

206

Injection Date:	May 24, 2022									
Start Time:	2:56				2:40					
Stop Time	3:30				2:52					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'		12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9		12.5	15	15				
Grams B2/inj	64.0	64.0	0	64.0	64.0	64.0			128.0	192
Grams RYR/inj	136.3	136.3	0	136.3	136.3	136.3			272.7	409
Pounds Yeast Extract/inj	5.0	5.0	0	5.0	5.0	5.0			10.0	15
Pounds of Provect-IR/inj	65.7	65.7	0	65.7	65.7	65.7			131.3	197
Pounds of ZVI/inj	68.0	68.0	0	68.0	68.0	68.0			136.0	204
Pounds of Sulfite/inj	5.0	5.0	0	5.0	5.0	5.0			10.0	15
Pounds of Nutrient/inj									10.0	15
BLEND (LBS)	3.75	3.75	0	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	0	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	0	14.3	14.3	14.3			28.7	43
Pounds of Propionate/inj	57.7	57.7	0	57.7	57.7	57.7			115.3	173
Grams of B12/inj	9.0	9.0	0	9.0	9.0	9.0			18.0	27
EZVI gls	33.3	33.3	0	33.3	33.3	33.3			66.6	100
Estimated Gallons of Slurry	100.0	100.0	0	100.0	100.0	100.0			200.0	300
Pressure of Post-injection pathway development (PSI)									0.0	100

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

207

Injection Date:	May 31, 2022									
Start Time:	1:09		12:40		11:21					
Stop Time	1:25		12:58		11:38					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.4	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

No Flow 9-14.5' , pulled tooling and re-installed point to complete (5/31/22)

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

210

Injection Date:	May 25, 2022									
Start Time:	1:06		12:56		12:32					
Stop Time	1:17		1:06		12:45					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	12.5-14.5	12.5-14.5			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	12.5	12.5				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

209

Injection Date:	June 1, 2022									
Start Time:	5:08		5:15		4:15					
Stop Time	5:18		5:26		4:40					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting Interval #2

Switched to top down

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

208

Injection Date:	June 1, 2022									
Start Time:	9:05		8:40		8:19					
Stop Time	9:20		8:57		8:32					
	Interval #1		Interval #2		Interval #3				Summary	
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**			**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'			9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15				
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3			100	100
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

245

Injection Date:										
Start Time:	1:50		1:15		12:40		12:23			
Stop Time	2:00		1:28		12:34		12:35			
	Interval #1		Interval #2		Interval #3		Interval #4			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'	18-20'	18-20'	9-20'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15	18	18		
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3	100	100	200	200
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)									100	100

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

244

Injection Date:	June 2, 2022									
Start Time:			2:40		2:26		2:12			
Stop Time			2:52		2:38		2:25			
	Interval #1		Interval #2		Interval #3		Interval #4			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone		9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'	18-20'	18-20'	9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)		9	12.5	12.5	15	15	18	18		
Grams B2/inj	0	64.0	64.0	64.0	64.0	64.0			128.0	192
Grams RYR/inj	0	136.3	136.3	136.3	136.3	136.3			272.7	409
Pounds Yeast Extract/inj	0	5.0	5.0	5.0	5.0	5.0			10.0	15
Pounds of Provect-IR/inj	0	65.7	65.7	65.7	65.7	65.7			131.3	197
Pounds of ZVI/inj	0	68.0	68.0	68.0	68.0	68.0			136.0	204
Pounds of Sulfite/inj	0	5.0	5.0	5.0	5.0	5.0			10.0	15
Pounds of Nutrient/inj									10.0	15
BLEND (LBS)	0	3.75	3.75	3.75	3.75	3.75			7.5	
MSP (LBS)	0	1.25	1.25	1.25	1.25	1.25			2.5	
Pounds of Kelp/inj	0	14.3	14.3	14.3	14.3	14.3			28.7	43
Pounds of Propionate/inj	0	57.7	57.7	57.7	57.7	57.7			115.3	173
Grams of B12/inj	0	9.0	9.0	9.0	9.0	9.0				27
EZVI gls	0	33.3	33.3	33.3	33.3	33.3	100	100	166.6	200
Estimated Gallons of Slurry	0	100.0	100.0	100.0	100.0	100.0			200.0	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Daylighting

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

231

Injection Date:	May 31, 2022									
Start Time:	5:04		4:26		4:07		3:45			
Stop Time	5:28		4:42		4:22		4:03			
	Interval #1		Interval #2		Interval #3		Interval #4			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'	18-20'	18-20'	9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15	18	18		
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3	100	100	200	200
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

230

Injection Date:	May 25-26, 2022									
Start Time:	4:45		9:40		4:55		4:41			
Stop Time	4:58		9:51		5:10		4:51			
	Interval #1		Interval #2		Interval #3		Interval #4			
Summary	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**	**Actual**	**Proposed**
Injection Zone	9-11'	9-11'	12.5-14.5	12.5-14.5	15-17'	15-17'	18-20'	18-20'	9-17'	9-17'
Duration of Fracture (seconds):										
Pressure of Pre-injection pathway development										
Depth of Injection (ft)	9	9	12.5	12.5	15	15	18	18		
Grams B2/inj	64.0	64.0	64.0	64.0	64.0	64.0			192	192
Grams RYR/inj	136.3	136.3	136.3	136.3	136.3	136.3			409	409
Pounds Yeast Extract/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Provect-IR/inj	65.7	65.7	65.7	65.7	65.7	65.7			197	197
Pounds of ZVI/inj	68.0	68.0	68.0	68.0	68.0	68.0			204	204
Pounds of Sulfite/inj	5.0	5.0	5.0	5.0	5.0	5.0			15	15
Pounds of Nutrient/inj									15	15
BLEND (LBS)	3.75	3.75	3.75	3.75	3.75	3.75				
MSP (LBS)	1.25	1.25	1.25	1.25	1.25	1.25				
Pounds of Kelp/inj	14.3	14.3	14.3	14.3	14.3	14.3			43	43
Pounds of Propionate/inj	57.7	57.7	57.7	57.7	57.7	57.7			173	173
Grams of B12/inj	9.0	9.0	9.0	9.0	9.0	9.0			27	27
EZVI gls	33.3	33.3	33.3	33.3	33.3	33.3	100	100	200	200
Estimated Gallons of Slurry	100.0	100.0	100.0	100.0	100.0	100.0			300	300
Pressure of Post-injection pathway development (PSI)										

FIELD OBSERVATIONS/COMMENTS:

Surfacing/

INNOVATIVE ENVIRONMENTAL TECHNOLOGIES, INC.

May-22	GEI - Liverpool, NY	In-Situ Reductive Dechlorination of Soil and Groundwater via Synergistic Technologies

Area A

	Point Summary	Area Summary
Number of Points	48	48
Grams B2/pt	192	9216
Grams RYR/pt	409	19632
Pounds Yeast Extract/pt	15	720
Pounds Provect-IR/pt	197	9456
Pounds of ZVI/pt	204	9792
Pounds of Sulfite/pt	15	720
Pounds of Nutrient/pt	15	720
Pounds Kelp/pt	43	2064
Pounds of Propionate/pt	173	8304
Grams of B12/pt	27	1296
Gallons EZVI	100	5200
Gallons of Slurry	300.0	14400.0

Comments:

Appendix I Monitoring Well Decommissioning Records and Construction Logs

FIGURE 3

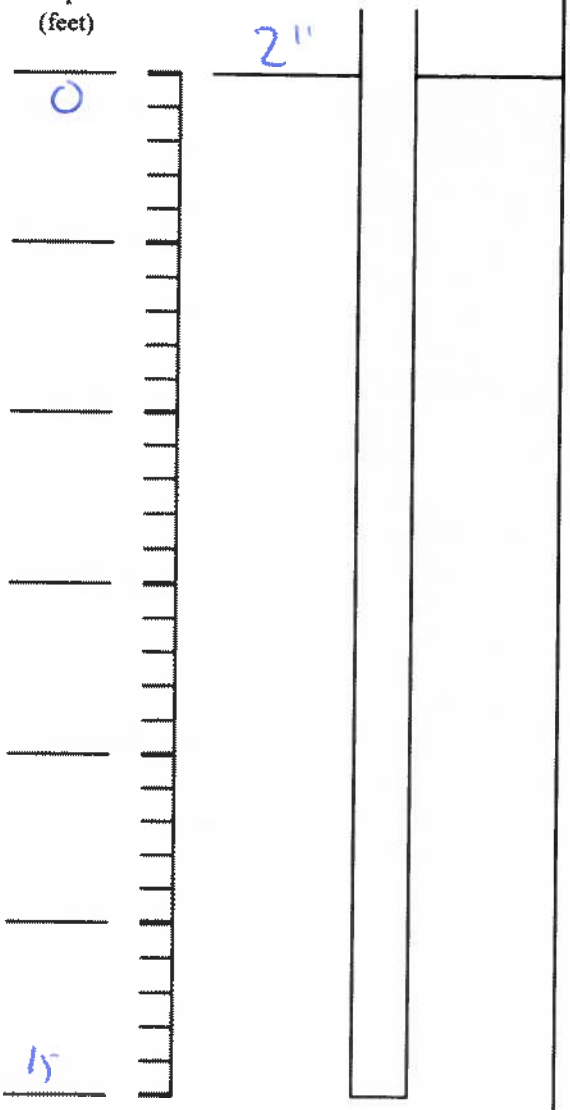
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: MW1
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-15
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	6

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

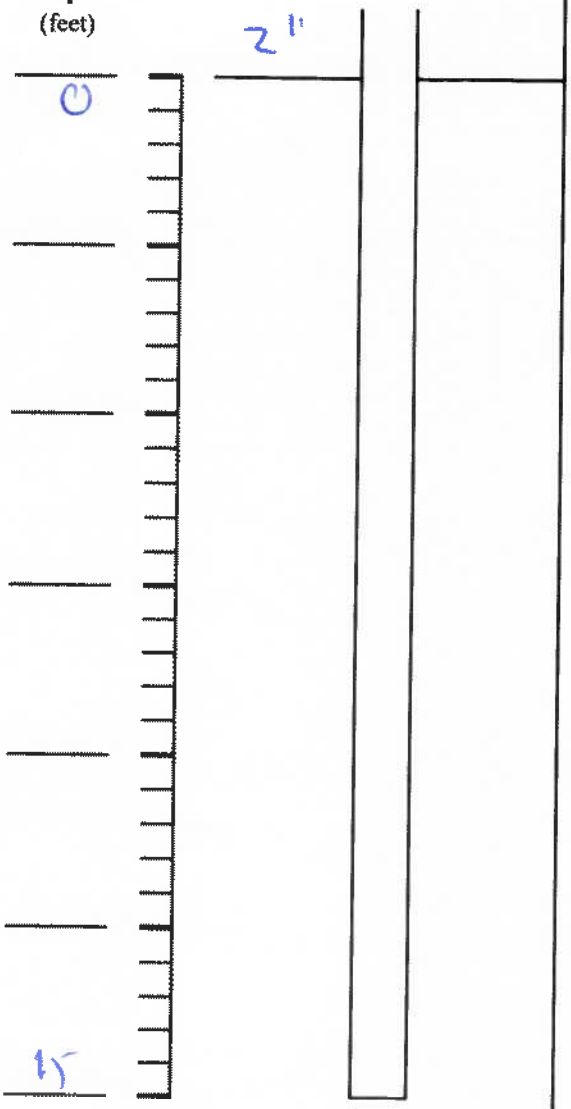
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: MW 2
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-15
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	6

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

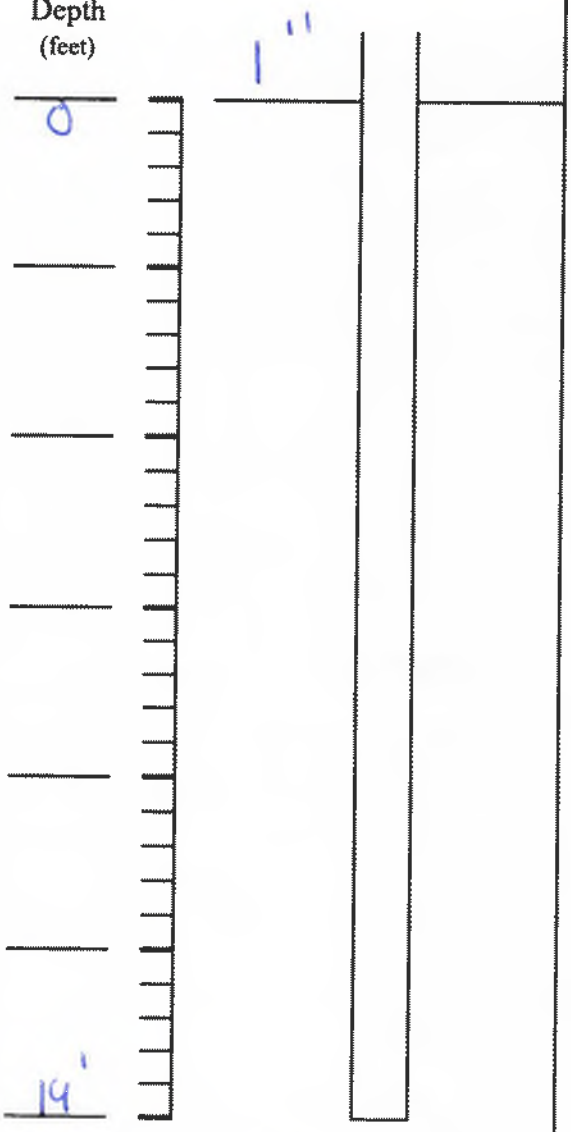
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW5
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-14
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	3

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

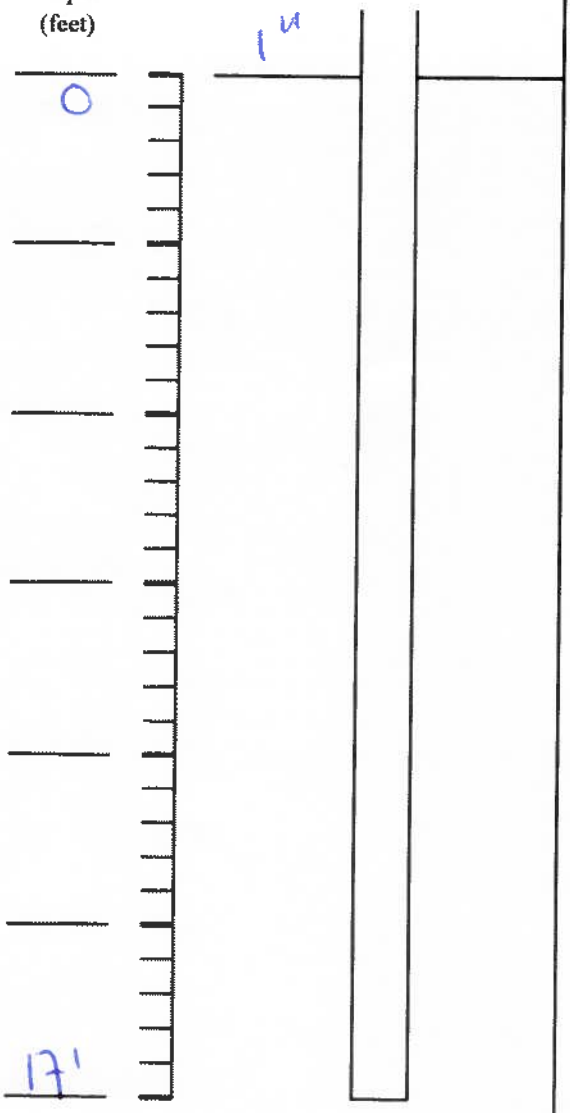
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW6
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-17
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	4

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

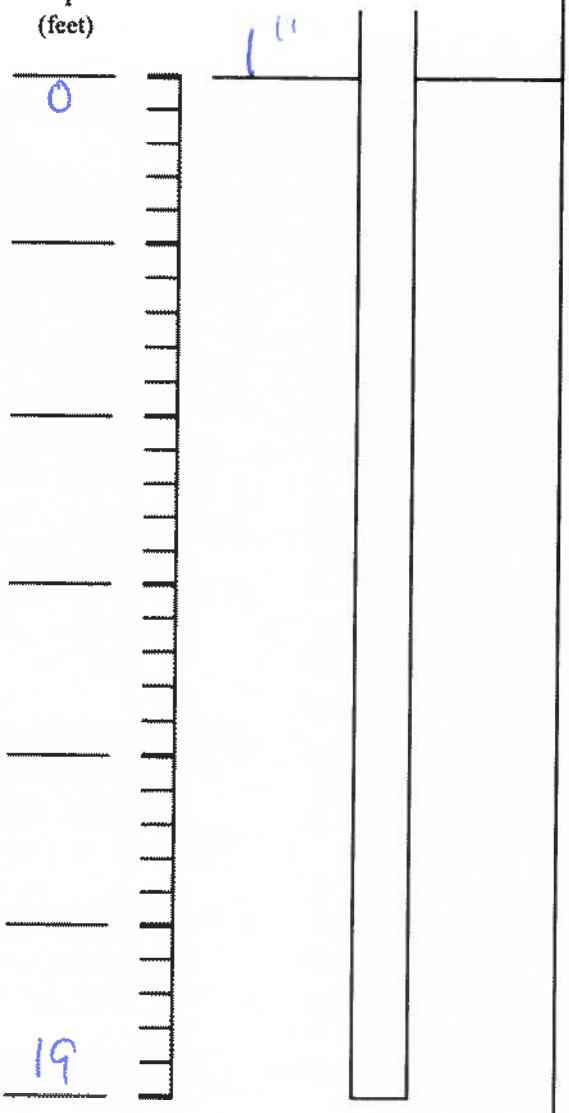
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW-7
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-19
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	6

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

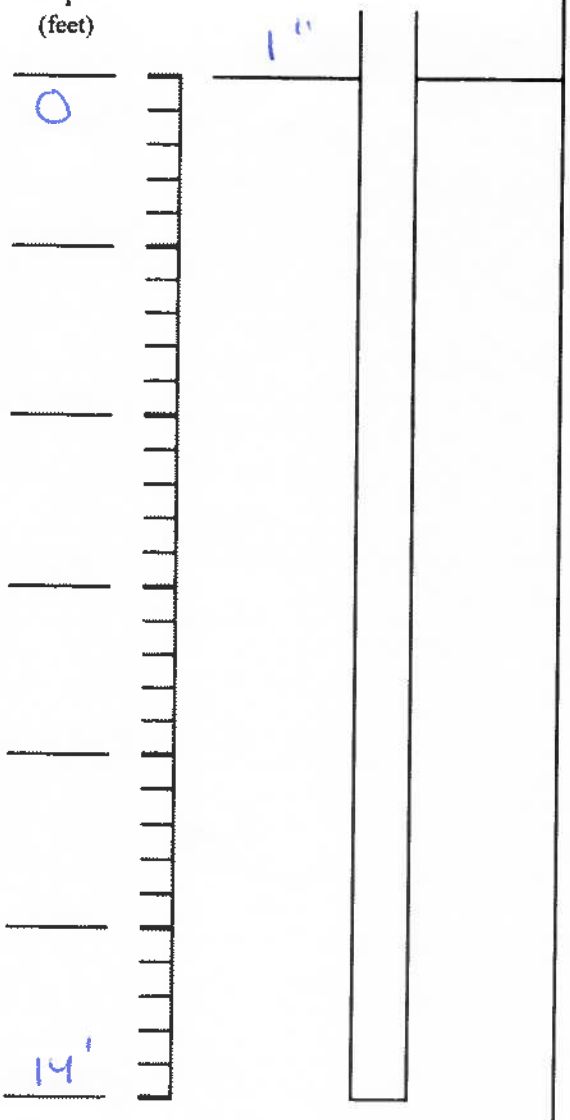
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW8
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-14
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	4

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

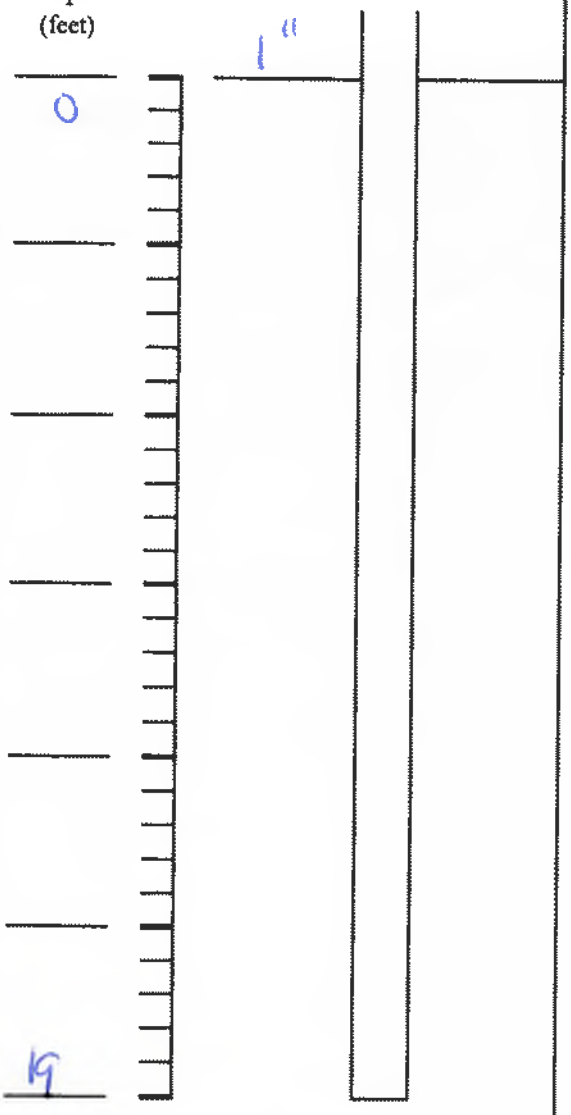
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW9
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-19
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	5

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

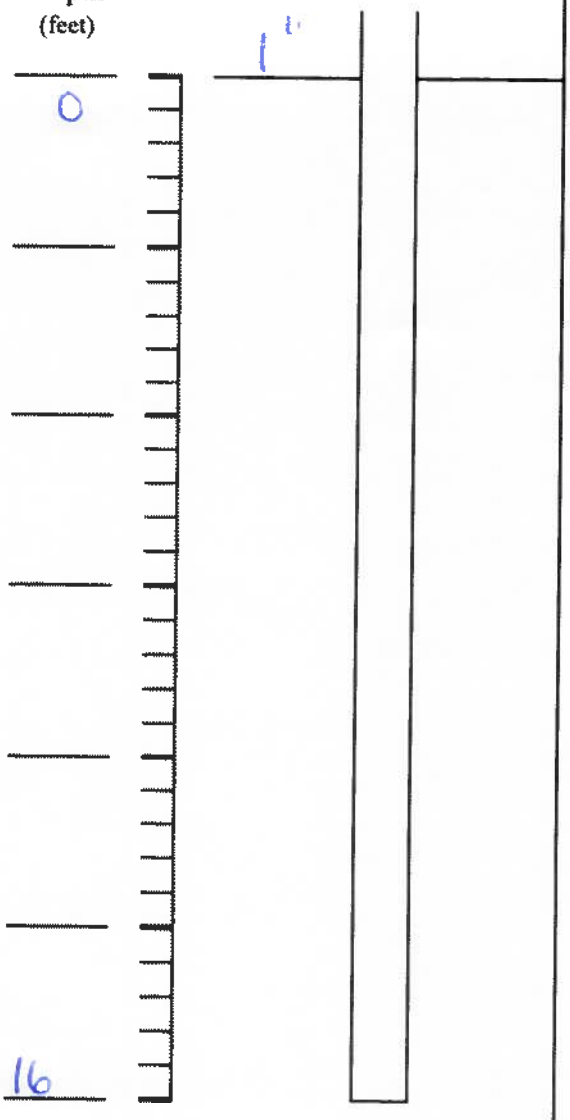
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW10
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-16
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	~~5~~ 4

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

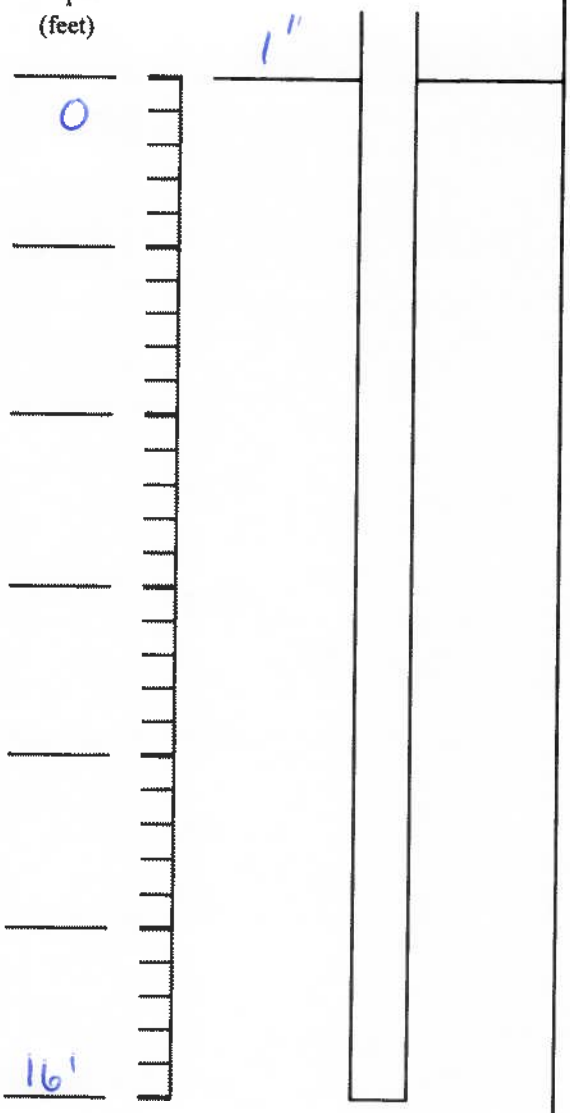
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW11
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-16
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	4

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

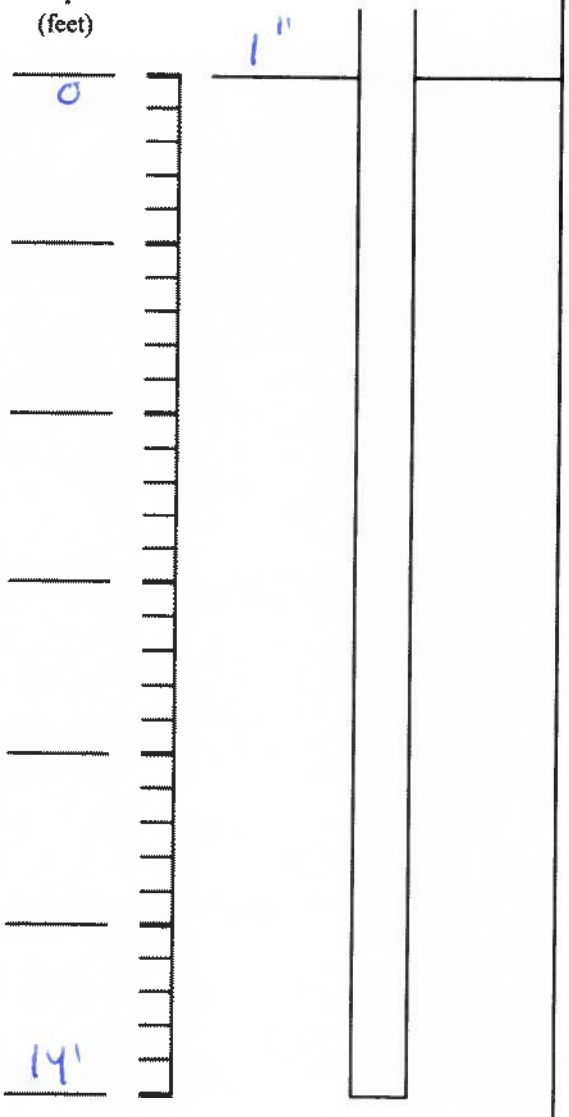
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW 12
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-14
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	4

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

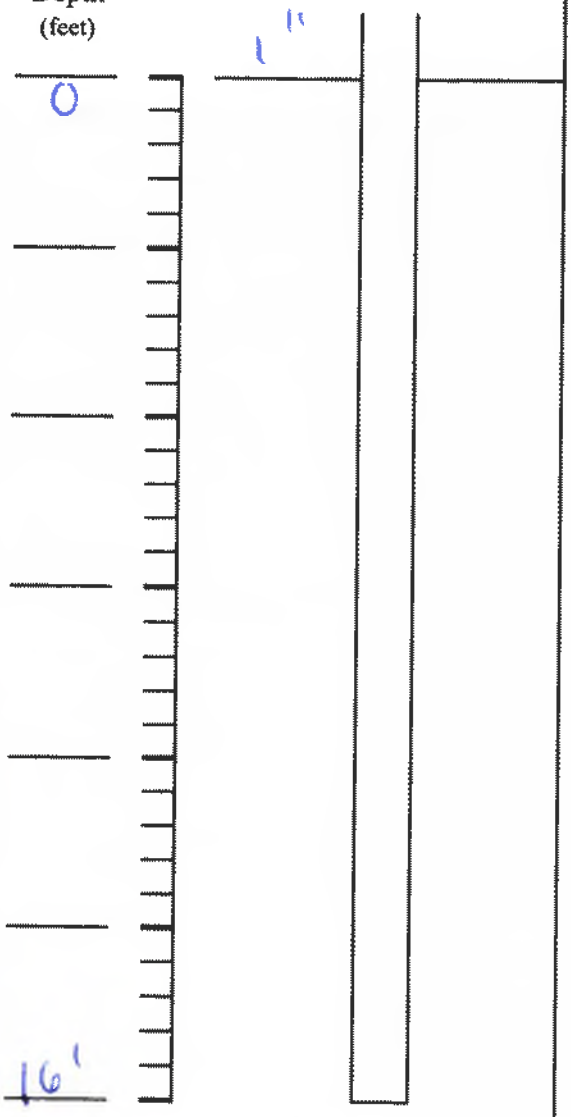
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: MW13
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-16
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	5

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

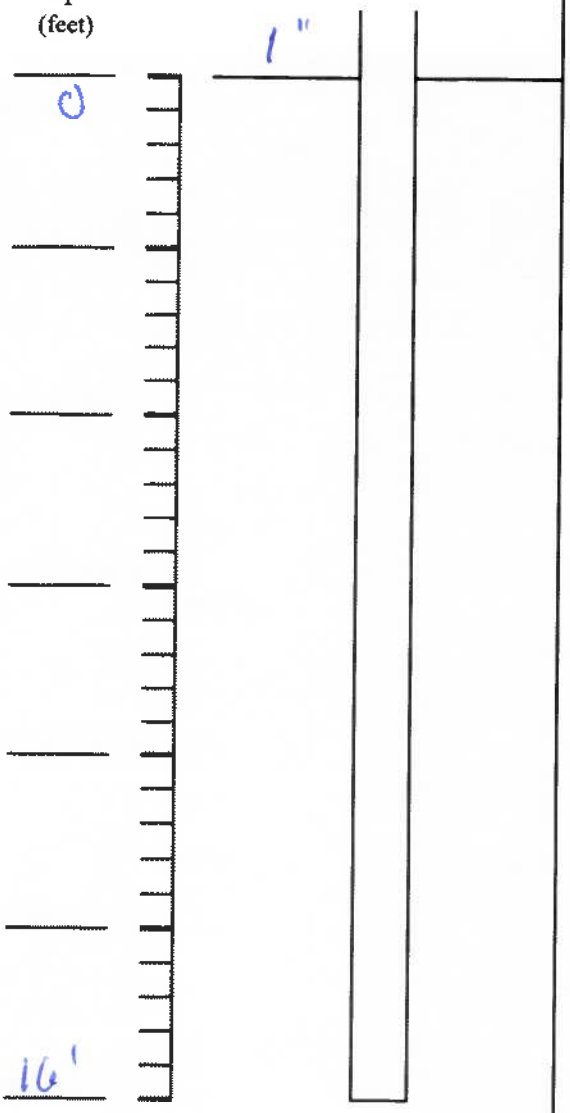
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW4
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-16
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	5

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

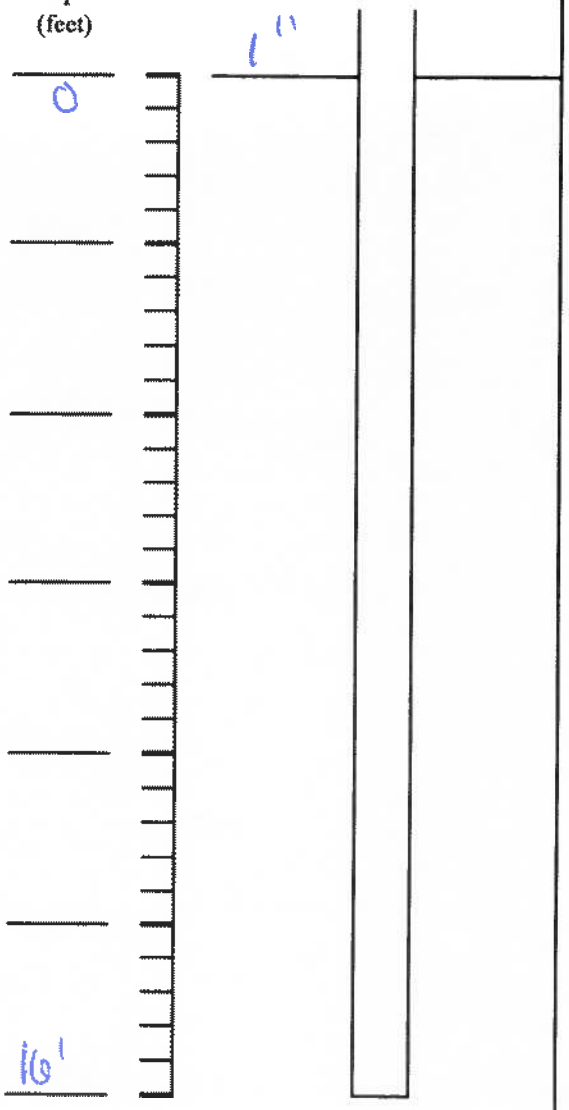
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW-15
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-16
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	5

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

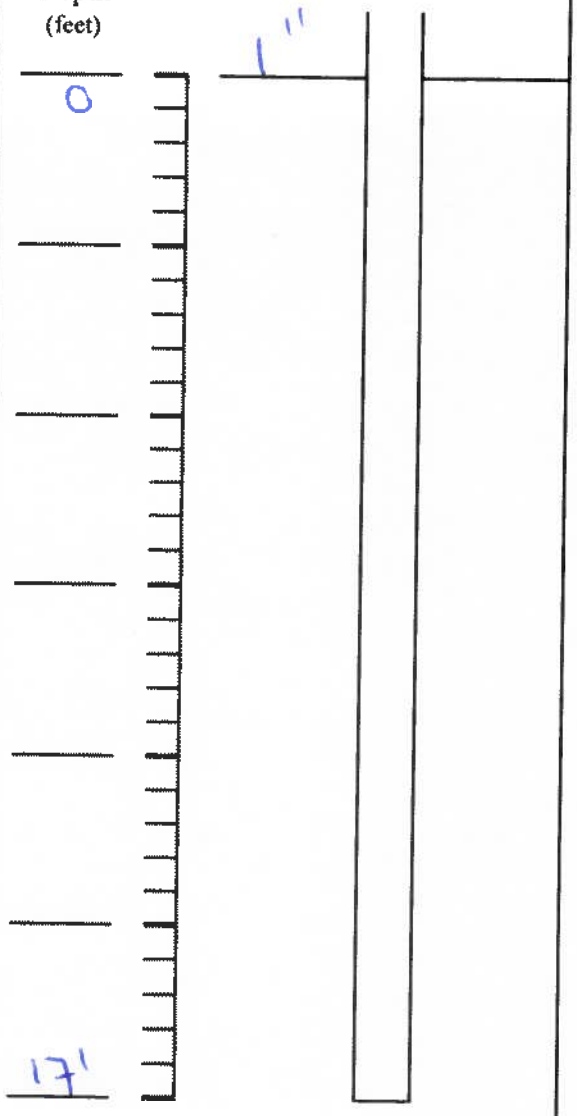
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW-16
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0 17
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	4.75

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

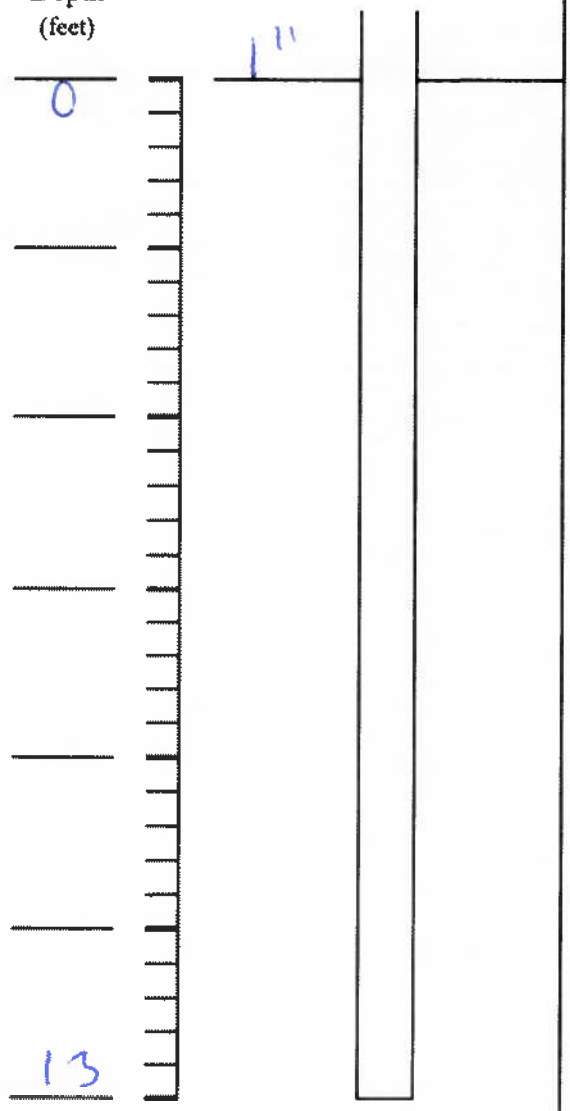
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TW-17
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-13
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	3.75

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

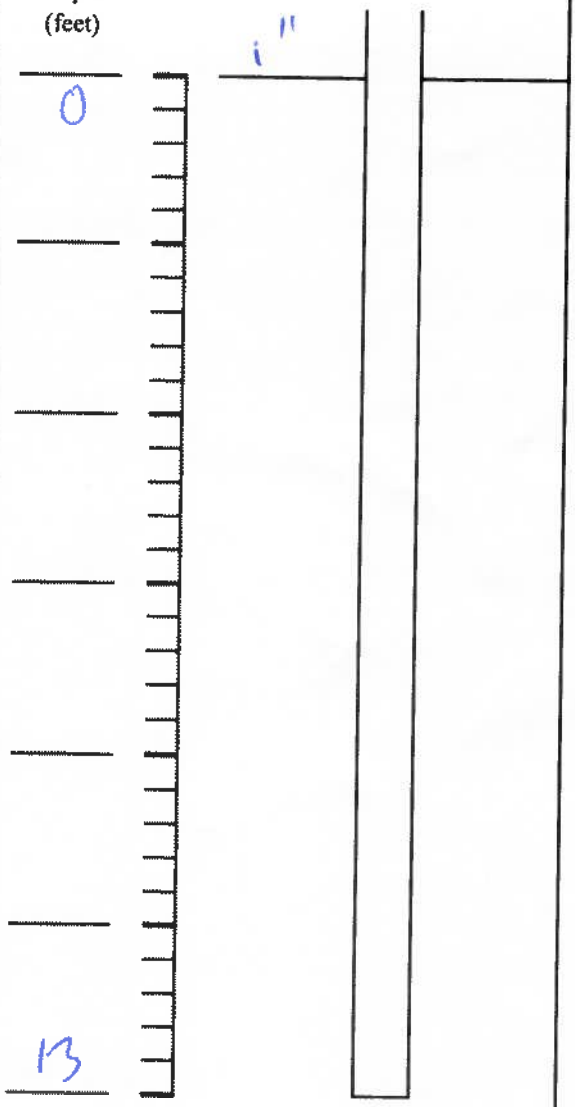
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: TL-18
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-13
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	4.15

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

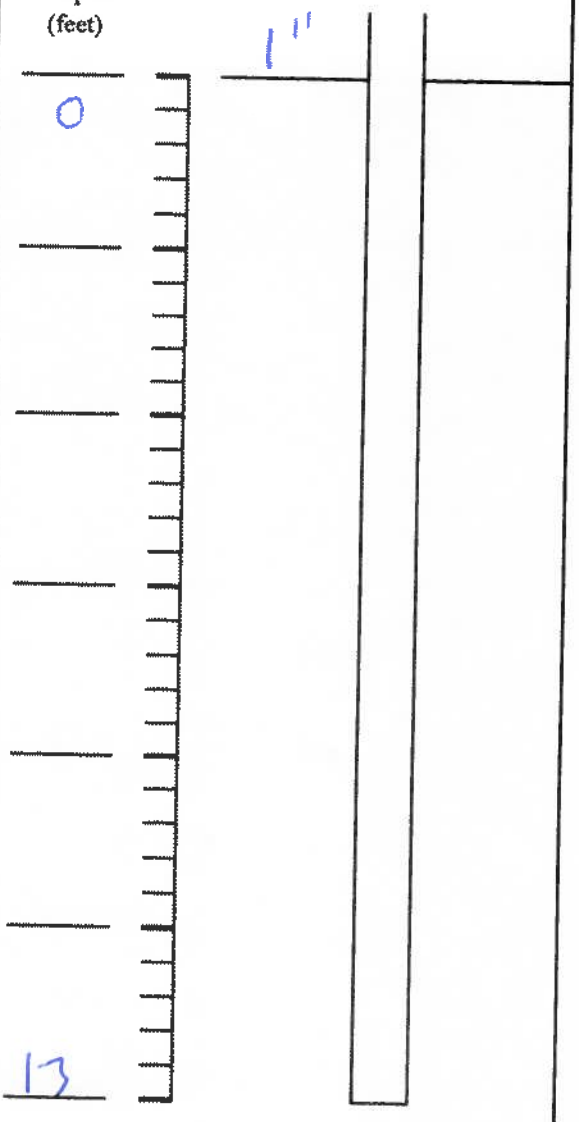
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: MW-19
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-13
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	3.5

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

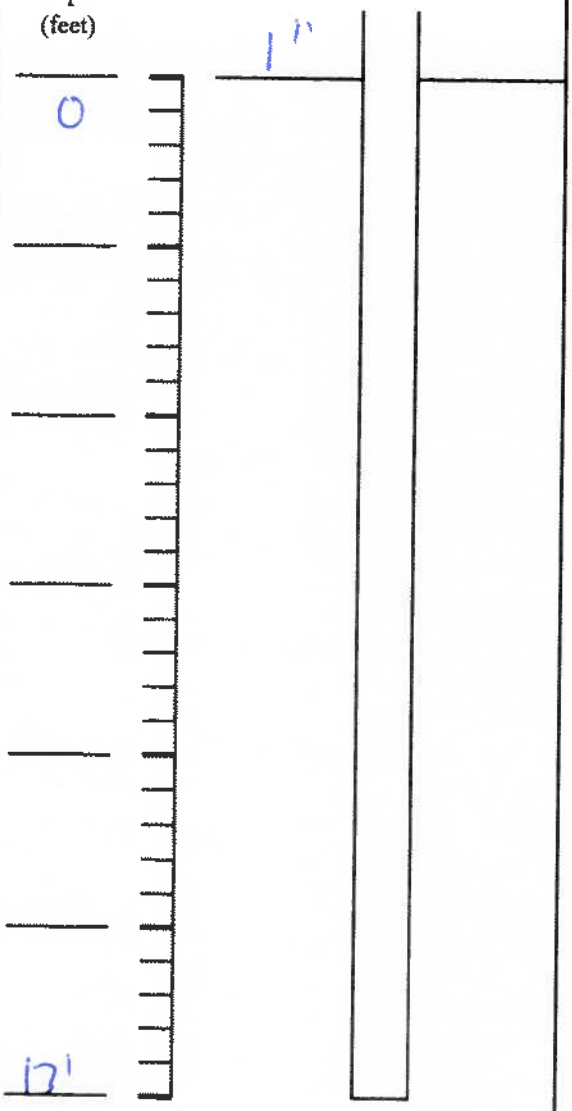
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: MW-20
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-13
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	4

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

FIGURE 3

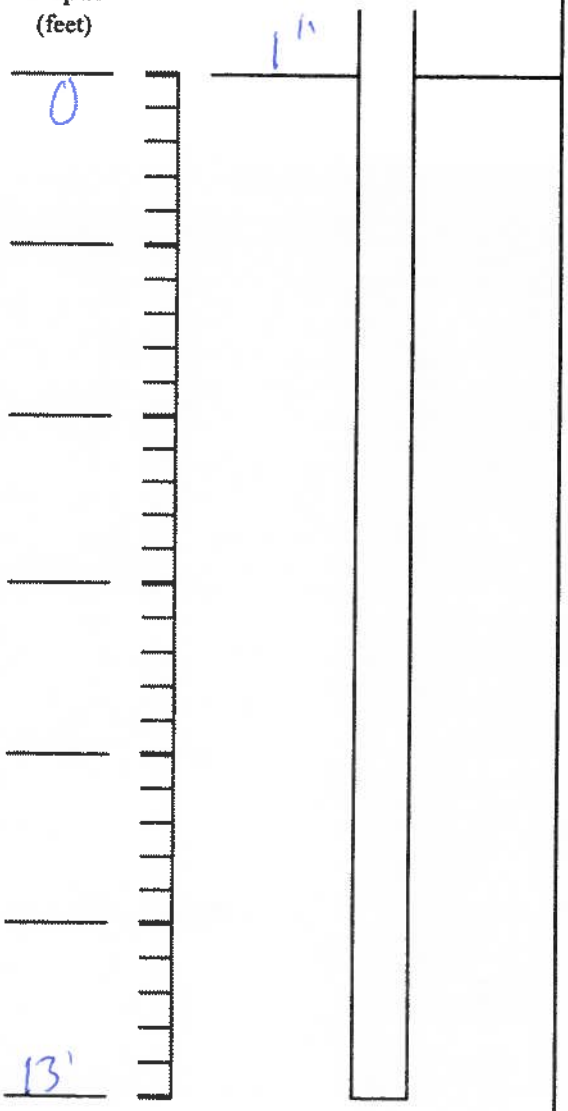
WELL DECOMMISSIONING RECORD

Site Name: Unifirst Liverpool Laundry Facility	Well I.D.: MW21
Site Location: 113 7th North Street, Liverpool, NY 13088	Driller: Roger Buley
Drilling Co.: Cascade Remediation Services	Inspector: Yusef Taylor
	Date: 3/11/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	0-13
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	7
Quantity of cement used (lbs.)	94
Cement type	Portland
Quantity of bentonite used (lbs.)	1
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	8
Volume of grout used (gal.)	4

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Cascade Remediation Services
Drilling Contractor

Zachary Fordley
Department Representative

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B201/TW5

GROUND SURFACE ELEVATION (FT): 375.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125211 **EASTING (FT):** 931719 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 3/6/2021 - 3/6/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.5-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0	1	60/60	0.0			Concrete
				0.0			NARROWLY GRADED SAND WITH GRAVEL (SP): ~80% medium to coarse sand, ~20% gravel up to 2-inch, occasional concrete up to 2-inch diameter.
				0.0			
				0.0			
370	5			0.0		B201 (4-5)	
		2	36/24	1.6			NARROWLY GRADED SAND WITH GRAVEL (SP): ~70% medium to coarse sand, ~30% gravel, trace porcelain/ glass fragments, gray to black, wet.
				12.5			LEAN CLAY (CL): ~75% clay, ~25% silt, brown and gray, wet, stiff.
				17.4			
		3	36/36	70.9			ELASTIC SILT (MH): ~80% silt, ~20% clay, dark brown and gray, wet, stiff.
365	10			367.7			
				84.4			ELASTIC SILT (MH): ~70% silt, ~30% clay, brown, moist, moderately stiff.
		4	12/12	1698		B201 (11-12)	
			24/24	1216			
				182.1			SILT WITH SAND (ML): ~80% silt, 20% fine sand, gray and brown, wet, soft.
		5	36/30	93.3			
360	15			164.4			SILT WITH SAND (ML): ~80% silt, ~20% fine sand, brown, wet, soft.
				82.5			
		6	36/36	57.8			
				62.0			LEAN CLAY (CL): ~75% clay, ~25% silt, brown, wet, soft.
				37.0			SILT WITH SAND (ML): ~80% silt, ~20% fine sand, brown, wet, soft.
355	20						End of Boring at 20 feet.
							TW5 screened from 4-14 feet.
							Removed surface completion and tremie grouted to the ground surface.

WELL DETAILS
- Protective cover
- Grout seal
- N00 sand filter pack
- 1-inch Sch 40 PVC Slot Screen
- Soil Cuttings

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

NA = NOT APPLICABLE
NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR
TLM = TAR LIKE MATERIAL

COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT:	UniFirst
PROJECT:	Liverpool Laundry Facility
CITY/STATE:	Liverpool, New York
GEI PROJECT NUMBER:	2001642

BORING LOG

PAGE 1 of 1

B202/TW6

GROUND SURFACE ELEVATION (FT): 376.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125178 **EASTING (FT):** 931756 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 2/27/2021 - 2/28/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand cleared 0.67-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						Concrete
375		1	48/48	0.0 0.0 0.0 0.0			SILT WITH GRAVEL AND COBBLES (ML): ~70% silt, ~30% gravel up to 2.5-inch diameter, brown, dry, trace cobbles up to 4-inch diameter.
		2	36/19	0.1			SILT WITH SAND (ML): ~50% silt, ~30% medium to coarse sand, ~20% concrete debris, gray and brown, dry.
	5			10.7			NARROWLY GRADED SAND WITH GRAVEL (SP): ~80% medium to coarse sand, ~20% gravel up to 1-inch diameter, brown, moist.
370				17.4		B202 (6-7)	
		3	36/8	41.2			ELASTIC SILT (MH): ~80% silt, ~15% clay, ~5% gravel up to 0.5-inch diameter, trace brick fragments, brown, moist.
	10	4	24/24	2340			NARROWLY GRADED SAND WITH GRAVEL (SP): ~70% medium to coarse sand, ~25% gravel up to 0.5-inch diameter, ~5% brick and porcelain fragments, dark brown to black, wet. 7.4-10 feet: dry.
365				228.4		B202 (11-12)	
		5	12/12	585.4			LEAN CLAY (CL): ~85% clay, ~15% silt, brown, moist. LEAN CLAY (CL): ~75% clay, ~25% silt, brown, moist
		6	36/26	11146			NARROWLY GRADED SAND WITH GRAVEL (SP): ~75% medium to coarse sand, ~25% gravel up to 1-inch diameter, dark brown, wet.
	15			15000+			ELASTIC SILT (MH): ~70% silt, ~30% clay, brown, moist.
360				15000+		B202 (15-16)	
		7	36/36	15000+			SILT WITH SAND (ML) ~75% silt, ~25% fine sand, brown, wet, soft.
				15000+			
				15000+			
		8	12/12	15000+		B202 (19-20)	SANDY LEAN CLAY (CL): ~65% clay, ~35% medium to coarse sand, brown and gray, wet, soft.
	20						SILT WITH SAND (ML): ~75% silt, ~25% fine sand, brown, wet, soft.
							End of Boring at 20 feet. TW6 screened from 7-17 feet. Removed surface completion and tremie grouted to the ground surface.

WELL DETAILS: Protective cover; Grout seal; N00 sand filter pack; 1-inch Sch 40 PVC Slot Screen; Soil cuttings

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

NA = NOT APPLICABLE
NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR
TLM = TAR LIKE MATERIAL

COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B203/TW7

GROUND SURFACE ELEVATION (FT): 376.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125152 **EASTING (FT):** 931702 **TOTAL DEPTH (FT):** 19.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 3/6/2021 - 3/7/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.5-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						Concrete
375		1	42/42	0.0			WIDLEY GRADED SAND WITH GRAVEL (SW): ~75% fine to coarse sand, ~25% gravel up to 1.5-inch diameter, brown, moist.
				0.0		B203 (0.5-4)	
				0.0			
				0.0		B203 (3-4)	
		2	36/36	167.3			NARROWLY GRADED SAND WITH GRAVEL (SP): ~85% medium to coarse sand, ~15% gravel up to 0.5-inch diameter, gray and brown, moist, moderately hard.
	5			836.2			
370				364.4			ELASTIC SILT (MH): ~80% silt, ~20% clay, gray, wet, soft.
		3	36/36	111.6			5.5-7 feet: moist, stiff.
				54.7			7-9 feet: gray and brown, wet, stiff.
				49.9			
	10	4	24/24	209.3			8-9 feet: brown, moist, stiff.
365				2267		B203 (11-12)	11-12 feet: brown and gray, wet, moderately stiff.
		5	12/12	1118			SILT WITH SAND (ML): ~80% silt, ~20% fine sand, gray and brown, wet, soft.
		6	36/24	212.1			ELASTIC SILT (MH): ~80% silt, ~20% clay, brown and gray, wet, soft.
	15			345.2			
360		7	36/0				No Recovery

End of Boring at 19 feet.
TW7 screened from 4-14 feet.
Removed surface completion and tremie grouted to the ground surface.

WELL DETAILS
- Protective cover
- Grout seal
- N00 sand filter pack
- 1-inch Sch 40 PVC Slot Screen
- Soil Cuttings

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
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Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
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CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR
TLM = TAR LIKE MATERIAL

COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B204/TW8

GROUND SURFACE ELEVATION (FT): 375.00 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125279 **EASTING (FT):** 931821 **TOTAL DEPTH (FT):** 14.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 2/27/2021 - 2/27/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.5-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0						Concrete	- Protective cover Grout seal
		1	18/18	0.0 0.0 0.0			WIDELY GRADED SAND WITH SILT (SW-SM): ~75% fine to coarse sand, ~15% silt, ~10% porcelain fragments, dry.	
		2	24/24	0.0 2.2 5.6 3.7		B204 (2.5-3.5)	WIDELY GRADED SAND WITH GRAVEL (SW-SM): ~65% fine to coarse sand, ~20% sub-rounded gravel up to 1-inch diameter, ~5% silt, ~5% clay, ~5% concrete and porcelain fragments, dark brown and black, moist.	
		3	12/12	2.1			4-5 feet: wet.	
370	5	4	36/13	0.1 0.0 0.0			ELASTIC SILT (MH): ~90% silt, ~5% clay, ~5% gravel up to 0.5-inch diameter, gray and brown, moist. ELASTIC SILT (MH): ~95% silt, ~5% clay, brown, moist, stiff.	- N00 sand filter pack 1-inch Sch 40 PVC Slot Screen
		5	36/36	0.3 0.2 0.3				
365	10	6	12/12				ELASTIC SILT (MH): ~90% silt, ~10% clay, brown, moist, stiff.	
		7	24/24	0.4 2.4			ELASTIC SILT (MH) ~95% silt, ~5% clay, brown, moist, stiff.	
							End of Boring at 14 feet. TW8 screened from 4-14 feet. Removed surface completion and tremie grouted to the ground surface.	

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S_V = TORVANE PEAK

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CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
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SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR
TLM = TAR LIKE MATERIAL

COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B205/TW9

GROUND SURFACE ELEVATION (FT): 376.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125222 **EASTING (FT):** 931799 **TOTAL DEPTH (FT):** 19.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 2/27/2021 - 2/27/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.375-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						Concrete
375		1	44/44	0.0 0.0 0.0 0.0 0.0			NARROWLY GRADED SAND WITH GRAVEL (SP): ~80% medium to coarse sand, ~20% gravel up to 2-inch diameter, trace concrete fragments up to 3-inch diameter, brown, moist.
	5	2	36/19	0.0 1.5 6.5		B205 (6-7)	NARROWLY GRADED SAND WITH GRAVEL (SP): ~80% medium to coarse sand, ~20% gravel up to 1-inch diameter, brown, moist. ELASTIC SILT (MH): ~80% silt, ~15% clay, ~5% fine sand, gray and brown, moist.
370		3	36/36	10.6 11.8 54.3			ELASTIC SILT (MH): ~90% silt, ~10% clay, brown, moist, stiff. ELASTIC SILT (MH): ~80% silt, ~20% clay, gray and brown, moist, stiff.
	10	4	24/24	172.2 77.1			ELASTIC SILT (MH): ~75% silt, ~25% clay, brown, moist, stiff.
365		5	12/12	78.6			ELASTIC SILT (MH): ~60% silt, ~40% clay, brown, moist, stiff.
		6	36/30	39.9 117.2 307.2			SANDY LEAN CLAY (CL): ~50% clay, ~40% medium to coarse sand, ~10% gravel up to 0.5-inch diameter, gray, moist. ELASTIC SILT (MH): ~90% silt, ~10% clay, gray, moist, stiff. 13.5-15 feet: gray and brown, wet, soft.
360	15	7	36/31	385.3 44.1 67.7		B205 (16-17)	SANDY ELASTIC SILT WITH GRAVEL (MH): ~40% silt, ~20% clay, ~20% fine to coarse sand, ~20% gravel up to 0.5-inch diameter, brown, wet, soft. SILT WITH SAND (ML): ~75% silt, ~25% fine sand, brown, moist, stiff. 17.5-19 feet: wet, soft.
							End of Boring at 19 feet. TW9 screened from 7-17 feet. Removed surface completion and tremie grouted to the ground surface.

WELL DETAILS
- Protective cover
- Grout seal
- N00 sand filter pack
- 1-inch Sch 40 PVC Slot Screen
- Soil cuttings

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MLO = MUSTY LIKE ODOR
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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
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607.216.8955

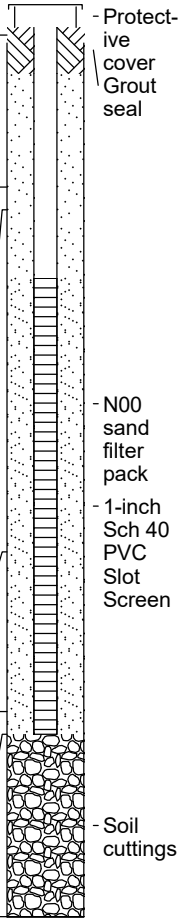
CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B206/TW10

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125258 **EASTING (FT):** 931741 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 2/28/2021 - 2/28/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.67-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						Concrete
		1	40/40	0.0			NARROWLY GRADED SAND WITH GRAVEL (SP): ~80% medium to coarse sand, ~20% gravel up to 2-inch diameter, trace concrete and brick fragments, brown, moist.
				0.0			
				0.0		B206 (2-4)	
370				0.1			
		2	36/24	19.6		B206 (4.5-5)	NARROWLY GRADED SAND WITH GRAVEL (SP): ~80% medium to coarse sand, ~20% gravel up to 0.5-inch diameter, gray and brown, moist.
	5			17.1			ELASTIC SILT (MH): ~80% silt, ~20% clay, gray, moist, stiff.
				4.7			
		3	36/36	133.2			
365				14.5			ELASTIC SILT (MH) ~75% silt, ~25% clay, brown, moist, stiff.
	10			14.2			
		4	24/24				
		5	12/12	42.1			ELASTIC SILT (MH): ~70% silt, ~30% clay, brown, moist.
		6	36/36				SILT WITH SAND (ML): ~80% silt, ~20% fine sand, brown and gray, wet, stiff.
360				35.2			
	15			40.5			13-15.5 feet: moderately stiff.
				174.4		B206 (15-16)	ELASTIC SILT (MH): ~80% silt, ~20% clay, gray, wet, soft.
		7	48/0				No Recovery
355							
	20						End of Boring at 20 feet.

TW10 screened from 6-16 feet.
Removed surface completion and tremie grouted to the ground surface.



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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT:	UniFirst
PROJECT:	Liverpool Laundry Facility
CITY/STATE:	Liverpool, New York
GEI PROJECT NUMBER:	2001642

BORING LOG

PAGE 1 of 1

B207/TW11

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125206 **EASTING (FT):** 931682 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 3/6/2021 - 3/7/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.5-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						Concrete
		1	42/42	0.0			ELASTIC SILT (MH): ~70% silt, ~30% clay, brown, moist.
				0.0			
				0.0			
370				0.0		B207 (3-4)	
		2	36/36	6.4			
	5			9.8			ELASTIC SILT (MH): ~80% silt, ~20% clay, brown and gray, moist, stiff.
				6.3			6-7 feet: brown.
		3	36/36	219.6		B207 (7-8)	
				49.3			LEAN CLAY (CL): ~75% clay, ~25% silt, brown, moist to wet, moderately stiff.
365				13.1			
	10						8-9.5 feet: gray, moist, stiff.
		4	24/24	15000+		B207 (10-11)	ELASTIC SILT (MH): ~80% silt, ~20% clay, brown, moist to wet, soft, CLO.
				15000+			LEAN CLAY (CL): ~75% lean clay, ~25% silt, brown, moist, moderately stiff, CLO.
		5	12/12	15000+			SILT WITH SAND (ML): ~80% silt, ~20% fine sand, brown, moist, moderately stiff, CLO.
		6	36/36				13-14 feet: brown, wet, soft, brown-oily like substance, CLO.
360				15000+			
	15			15000+		B207 (15-16)	ELASTIC SILT (MH): ~80% silt, ~20% clay, brown and gray, wet, soft.
		7	36/36	10000			
				5227			ELASTIC SILT (MH): ~85% silt, ~15% clay, brown, wet, soft.
355				3462		B207 (18-19)	
		8	12/0				No Recovery
	20						End of Boring at 20 feet.

TW11 screened from 6-16 feet.
Removed surface completion and tremie grouted to the ground surface.

WELL DETAILS

- Protective cover
- Grout seal
- N00 sand filter pack
- 1-inch Sch PVC Slot Screen
- Soil cuttings

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT:	UniFirst
PROJECT:	Liverpool Laundry Facility
CITY/STATE:	Liverpool, New York
GEI PROJECT NUMBER:	2001642

BORING LOG

PAGE 1 of 1

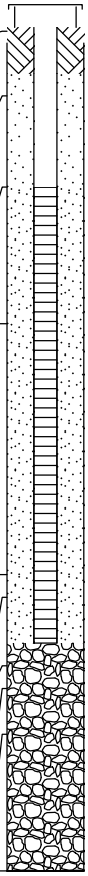
B208/TW12

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125226 **EASTING (FT):** 931780 **TOTAL DEPTH (FT):** 19.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 3/6/2021 - 3/6/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.58-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						Concrete
		1	40/40	1.6			WIDELY GRADED SAND WITH GRAVEL (SW): ~75% fine to coarse sand, ~20% gravel up to 2-inch diameter, ~5% concrete fragments, brown, moist.
				0.1			
				0.7			NARROWLY GRADED SAND WITH GRAVEL (SP): ~70% medium to coarse sand, ~20% gravel up to 2-inch diameter, ~10% concrete fragments up to 2.5-inch diameter, brown, moist.
370				1.3			
		2	36/0				No Recovery
	5						
		3	36/36	37.1		B208 (7-8)	ELASTIC SILT (MH): ~80% silt, ~20% clay, dark brown, moist, stiff.
				31.1			
365				191.5		B208 (9-10)	
	10	4	24/24	399.7			
				843.2		B208 (11-12)	9-12 feet: brown.
		5	12/12	455.6			
		6	36/30	47.2			SILT WITH SAND (ML): ~80% silt, ~20% fine sand, brown, moist, moderately stiff.
360				91.1			ELASTIC SILT (MH): ~75% silt, ~25% clay, brown and gray, wet, soft.
	15			50.6			SILT WITH SAND (ML): ~70% silt, ~30% fine sand, wet, brown, soft.
		7	36/0				ELASTIC SILT (MH): ~70% silt, ~30% clay, brown and gray, wet, soft.
355							No Recovery

End of Boring at 19 feet.
TW12 screened from 4-14 feet.
Removed surface completion and tremie grouted to the ground surface.

WELL DETAILS



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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
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Ithaca, NY 14850
607.216.8955

CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B209/TW13

GROUND SURFACE ELEVATION (FT): 376.00 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125280 **EASTING (FT):** 931856 **TOTAL DEPTH (FT):** 19.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 2/27/2021 - 2/28/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.5-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						Concrete
375		1	42/42	0.0			NARROWLY GRADED SAND WITH GRAVEL (SP): ~80% medium to coarse sand, ~20% gravel up to 2.5-inch diameter, trace concrete fragments up to 2.5 inch-diameter, dark brown, moist.
				0.0			
				0.0			
				0.0			
		2	36/29	24.6			NARROWLY GRADED SAND WITH GRAVEL (SP): ~75% medium to coarse sand, ~25% gravel up to 1-inch diameter, gray, moist.
	5						
370				18.2			ELASTIC SILT (MH): ~80% silt, ~20% clay, gray and black, moist, stiff. 6-7 feet: brown.
		3	36/36	27.5		B209 (6-7)	
				11.8			
				16.8			LEAN CLAY (CL): ~60% lean clay, ~40% silt, brown, moist, plastic, moderately stiff.
				40.1			ELASTIC SILT (MH): ~80% silt, ~20% clay, brown, moist, stiff.
	10	4	24/24	14.2			
365				12.3			
		5	12/12	18.0			SILT WITH SAND (ML): ~80% silt, ~20% fine sand, brown, wet, soft.
		6	36/36	17.8			
				54.1		B209 (14-15)	13-15.5 feet: moderately stiff.
	15			40.3			15.5-16 feet: soft.
360		7	36/0				No Recovery

WELL DETAILS: Protective cover; Grout seal; N00 sand filter pack; 1-inch Sch 40 PVC Slot Screen; Soil cuttings

End of Boring at 19 feet.
TW13 screened from 6-16 feet.
Removed surface completion and tremie grouted to the ground surface.

NOTES:

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MLO = MUSTY LIKE ODOR
TLM = TAR LIKE MATERIAL

COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT:	UniFirst
PROJECT:	Liverpool Laundry Facility
CITY/STATE:	Liverpool, New York
GEI PROJECT NUMBER:	2001642

BORING LOG

PAGE 1 of 1

B210/TW14

GROUND SURFACE ELEVATION (FT): 375.00 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125344 **EASTING (FT):** 931835 **TOTAL DEPTH (FT):** 16.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 3/6/2021 - 3/6/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.5-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0						Concrete	Protective cover Grout seal
		1	18/18	0.0			NARROWLY GRADED SAND WITH GRAVEL (SP): ~80% medium to coarse sand, ~20% gravel up to 2-inch diameter, brown, moist.	
				0.1				
		2	24/24	0.0				
				0.1			NARROWLY GRADED SAND WITH GRAVEL AND COBBLES (SP): ~80% medium to coarse sand, ~20% gravel up to 3-inch diameter, trace cobbles up to 8-inch diameter, brown, moist.	
		3	36/36	40.6		B210 (4-5)		
370	5			6.7			ELASTIC SILT (MH) ~85% silt, ~15% clay, gray and black, moist, stiff.	
				9.8		B210 (6-7)	ELASTIC SILT (MH): ~80% silt, ~20% clay, brown, moist, stiff.	
		4	36/30	1.8				
				7.3				N00 sand filter pack
				1.1			8.5-10 feet: wet, soft.	
365	10	5	24/18	0.2			SILT WITH SAND (ML): ~80% silt, ~20% fine sand, brown, moist, moderately stiff.	1-inch Sch PVC 40 Slot Screen
				0.6			ELASTIC SILT (MH): ~80% silt, ~20% clay, brown, wet, soft.	
		6	12/12	0.4			SILT WITH SAND (ML): ~80% silt, ~20% fine sand, gray, wet, soft.	
		7	36/36	0.1				
				0.0			13-15.5 feet: gray and brown.	
360	15			0.1			ELASTIC SILT (MH): ~80% silt, ~20% clay, gray, wet, soft.	
							End of Boring at 16 feet.	
							TW14 screened from 6-16 feet.	
							Removed surface completion and tremie grouted to the ground surface.	

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BORING LOG

PAGE 1 of 1

B211/TW15

GROUND SURFACE ELEVATION (FT): 375.00 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125370 **EASTING (FT):** 931834 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 3/1/2021 - 3/1/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.5-4 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0						Asphalt	Protective cover Grout seal
		1	18/18	0.0			NARROWLY GRADED SAND WITH GRAVEL (SP): ~75% medium to coarse sand, ~20% gravel up to 1.5-inch diameter, ~5% brick fragments, dark brown, moist.	
				0.1		B211 (0-4)		
		2	24/24	0.0				
				0.0				
		3	60/48	0.0			LEAN CLAY (CL): ~75% lean clay, ~25% silt, gray and brown, moist, stiff.	
370	5			0.0				
				0.0			ELASTIC SILT (MH): ~75% silt, ~25% clay, brown and gray, moist, moderately stiff.	
				0.0		B211 (6-7)		
				0.0				
				0.0				
		4	60/41	0.0				N00 sand filter pack
365	10			0.0				
				0.0				1-inch Sch 40 PVC Slot Screen
				0.0			11-12 feet: wet, soft.	
				0.0			12-14 feet: gray.	
		5	60/42	0.0				
360	15			0.0			14-17 feet: moderately stiff.	
				0.0				
				0.0			LEAN CLAY (CL): ~75% lean clay, ~25% silt, gray, wet, soft.	Soil cuttings
				0.0				
		6	12/12	0.0				
355	20						End of Boring at 20 feet. TW15 screened from 6-16 feet. Removed surface completion and tremie grouted to the ground surface.	

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B212/TW16

GROUND SURFACE ELEVATION (FT): 375.00 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125319 **EASTING (FT):** 931892 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / B. Prusky & R. Reagan **DATUM VERT. / HORZ.:**
LOGGED BY: J. Peake **DATE START / END:** 3/1/2021 - 3/1/2021
DRILLING DETAILS: Direct Push / Geoprobe 420M / Casing ID: 1.75in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Hand-cleared 0.5-5 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						Asphalt
		1	18/18	0.0			WIDELY GRADED GRAVEL WITH SAND (GW): ~80% fine to coarse gravel, ~15% medium to coarse sand, ~5% silt, moist, brown.
				0.0			
		2	36/36	0.0			ELASTIC SILT (MH): ~60% silt, ~40% clay, brown, moist, stiff.
				0.0			
				0.0			
370	5	3	60/46	0.0			ELASTIC SILT (MH): ~75% silt, ~25% clay, brown, moist, stiff.
				0.0			
				0.0			SILT WITH SAND (ML): ~85% silt, ~15% fine sand, brown, moist, stiff.
				0.1		B212 (8-9)	
365	10	4	60/43	0.0			
				0.0			
				0.0			
				0.1			10-15 feet: wet, soft.
				0.1			
360	15	5	60/31	0.0			
				0.0			
				0.0			
				0.0			15-20 feet: moderately stiff.
				0.1			
355	20			0.1			

End of Boring at 20 feet.
TW16 screened from 7-17 feet.
Removed surface completion and tremie grouted to the ground surface.

WELL DETAILS
- Protective cover
- Grout seal
- N00 sand filter pack
- 1-inch Sch 40 PVC Slot Screen
- Soil cuttings

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CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 1
B213/TW17

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125175 **EASTING (FT):** 931666 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / R. Morang **DATUM VERT. / HORZ.:**
LOGGED BY: B. Lee **DATE START / END:** 11/6/2021 - 11/6/2021
DRILLING DETAILS: Geoprobe/Hand Auger / Geoprobe 420M / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Blind-drilled from 5-10 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0	1	12/12	1.5			Concrete	Flush-mount cover
							SILTY SAND WITH GRAVEL (SM): ~65% fine to coarse sand, ~20% subangular gravel up to 2.5-inch diameter, ~15% nonplastic fines, brown, moist, loose.	Bentonite seal
		2	12/12	1.5				
		3	12/12	1.5		B213 (0-5)		
		4	12/12	1.7			1.5-5 feet: gray, wet, loose.	
370		5	12/12	1.5				
	5							#2 sand filter pack
								Slotted screen
365								
	10	1	48/46	2.4			SILTY SAND WITH GRAVEL (SM): ~55% fine sand, ~25% low plastic fines, ~20% subrounded gravel up to 1-inch diameter, gray, wet, hard.	
				24.2			ELASTIC SILT WITH SAND (MH): ~80% medium plastic fines, ~20% fine sand, tan, stiff, wet.	
360		2	48/24	34.4				
	15			46.0		B213 (16-18)	14-20 feet: reddish-gray.	
		3	24/24	40.0				
355								
	20						End of Boring at 20 feet.	
							TW17 screened from 2-13 feet.	
							Removed surface completion and tremie grouted to the ground surface.	

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CITY/STATE:	Liverpool, New York
GEI PROJECT NUMBER:	2001642

BORING LOG

PAGE 1 of 1

B214/TW18

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125198 **EASTING (FT):** 931736 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / R. Morang **DATUM VERT. / HORZ.:**
LOGGED BY: B. Lee **DATE START / END:** 11/7/2021 - 11/7/2021
DRILLING DETAILS: Geoprobe/Hand Auger / Geoprobe 420M / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Blind-drilled from 5-10 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0		12/12				Concrete	Flush-mount cover, Bentonite seal
		1	48/8	0.3		B214 (0-5)	SILTY SAND WITH GRAVEL (SM): ~70% fine to coarse sand, ~15% subangular gravel up to 2-inch diameter, ~15% low plastic fines, brownish gray, medium hard, dry.	
370								
	5							#2 sand filter pack, Slotted screen
365								
	10	2	48/48	362.2 871.2		B214 (12-14)	ELASTIC SILT WITH SAND (MH): ~80% medium plastic silt, ~20% fine sand, brown, stiff, wet.	
360		3	48/48	540.8 272.5			14-18 feet: reddish-brown	
	15	4	24/24	98.5		B214 (18-20)	18-20 feet: brown.	
355	20						End of Boring at 20 feet. TW18 screened from 2-13 feet. Removed surface completion and tremie grouted to the ground surface.	

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 1
B215/TW19

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125249 **EASTING (FT):** 931771 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / R. Morang **DATUM VERT. / HORZ.:**
LOGGED BY: J. Vizoyan **DATE START / END:** 11/13/2021 - 11/13/2021
DRILLING DETAILS: Geoprobe/Hand Auger / Geoprobe 420M / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Blind-drilled from 5-10 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0	1	12/12	0.2			Concrete	Flush-mount cover
		2	12/12	0.0			WIDELY GRADED SAND WITH GRAVEL (SW): ~55% sand, ~40% subangular gravel up to 1.25-inch diameter. ~5% nonplastic fines, brown, moist. 2-4 feet: black.	Bentonite seal
		3	12/12	0.0		B215 (0-5)		
370		4	12/12	0.0				
		5	12/12	0.0				
	5						WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM): ~55% sand, ~35% angular/subangular gravel up to 1.25-inch diameter, ~10% fines, trace porcelain fragments, black, wet.	#2 sand filter pack
365								Slotted screen
	10	1	24/24	2.2			ELASTIC SILT WITH SAND (MH): ~80% moderately plastic fines, ~20% fine sand, brown, moist.	
		2	24/24	11.2				
				35.8		B215 (12-14)		
360		3	24/24	29.9			SILT WITH SAND (ML): ~85% nonplastic fines, ~15% fine sand, brown, moist.	
	15			51.4				
		4	24/24	28.6				
				46.3				
		5	24/24	13.4				
355				29.6		B215 (18-20)		
	20			67.8			End of Boring at 20 feet. TW19 screened from 2-13 feet. Removed surface completion and tremie grouted to the ground surface.	

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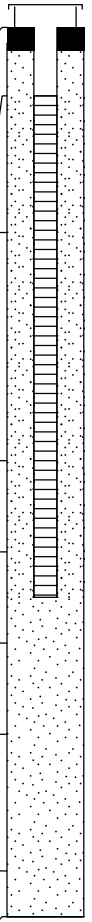
CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B216/TW20

GROUND SURFACE ELEVATION (FT): 376.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125253 **EASTING (FT):** 931841 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / R. Morang **DATUM VERT. / HORZ.:**
LOGGED BY: J. Vizoyan **DATE START / END:** 11/13/2021 - 11/13/2021
DRILLING DETAILS: Geoprobe/Hand Auger / Geoprobe 420M / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Blind-drilled from 5-10 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
375	0	1	12/12	0.0			Concrete
							WIDELY GRADED SAND WITH GRAVEL (SW): ~55% sand, ~40% subangular/subrounded gravel up to 2-inch diameter, ~5% nonplastic fines, brown, moist.
		2	12/12	0.0			
		3	12/12	0.0		B216 (0-5)	
		4	12/12	0.0			WIDELY GRADED GRAVEL WITH SAND (GP): ~60% white porcelain fragments, ~30% subangular gravel up to 1.75-inch diameter, ~10% fine to coarse sand.
	5	5	12/12	0.0			
370							
365	10	1	24/24	0.0			NARROWLY GRADED SAND WITH SILT (SP-SM): ~90% sand, ~10% nonplastic fines, brown, moist.
		2	24/20	0.2			NARROWLY GRADED SAND (SP): ~95% sand, ~5% nonplastic fines, brown, moist.
				0.0		B216 (12-14)	
		3	24/0	5.1			No Recovery
360	15	4	24/21	0.8			SILT WITH SAND (ML): ~85% nonplastic fines, ~15% fine sand, brown, moist.
				0.0			
		5	24/21	0.0			18-19 feet: varved.
				0.0			NARROWLY GRADED SAND (SP): ~95% sand, ~5% nonplastic fines, brown, wet.
	20						End of Boring at 20 feet. TW20 screened from 2-13 feet. Removed surface completion and tremie grouted to the ground surface.

WELL DETAILS



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BORING LOG
PAGE 1 of 1
B217/TW21

GROUND SURFACE ELEVATION (FT): 375.00 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125149 **EASTING (FT):** 931734 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Cascade / R. Morang **DATUM VERT. / HORZ.:**
LOGGED BY: B. Lee **DATE START / END:** 11/7/2021 - 11/7/2021
DRILLING DETAILS: Geoprobe/Hand Auger / Geoprobe 420M / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Blind-drilled from 5-10 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0	1	12/12	0.1			Concrete	Flush-mount cover
		2	12/12	0.6			SILTY SAND WITH GRAVEL (SM): ~70% fine to coarse sand, ~15% subangular gravel up to 3-inch diameter, ~15% slightly plastic fines, trace brick and plastic fragments, dark brown, loose, dry.	Bentonite seal
		3	12/12	36.1		B217 (0-5)		
		4	12/12	0.4				
370	5	5	12/12	1.0				#2 sand filter pack
								Slotted screen
365	10	1	48/48	134.8			ELASTIC SILT WITH SAND (MH): ~80% medium plastic fines, ~20% fine sand, brown, wet, stiff.	
				852.2		B217 (12-14)		
		2	48/48	224.3				
360	15			112.0				
		3	24/24	17.7		B217 (18-20)		
355	20						End of Boring at 20 feet. TW21 screened from 2-13 feet. Removed surface completion and tremie grouted to the ground surface.	

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S_V = TORVANE PEAK

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IN. = INCHES
FT. = FEET

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TLM = TAR LIKE MATERIAL

COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
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Ithaca, NY 14850
607.216.8955

CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B301

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Old sewer line, upgradient of source area
NORTHING (FT): 1125292 **EASTING (FT):** 931595 **TOTAL DEPTH (FT):** 16.0
DRILLED BY: Cascade **DATUM VERT. / HORZ.:**
LOGGED BY: Nick Louis **DATE START / END:** 4/24/2021 - 4/24/2021
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Value listed in Pen/Rec is the penetration length, recovery not recorded.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0	1	48	0.4 0.1			WIDELY GRADED GRAVEL (GW): Gravel, rock, soil cuttings.
370	5	2	24	0.0 0.0 0.0 0.0			SANDY LEAN CLAY (CL): grey, dry. 5-6.6 feet: brown.
		3	24	0.0 0.0 0.0 0.3			LEAN CLAY (CL): some silt.
365	10	4	24	0.1 0.0 0.0 0.0			7-12 feet: brown.
		5	24	0.0 0.0 0.0 0.0			Minimal recovery
360	15	6	24	0.0 0.0 0.0 0.0			
		7	24	0.0 0.0 0.0 0.0 0.0		B301 (14-16)	14-16 feet: gray, soft wet.
							End of Boring at 16 feet. Backfilled with cuttings

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 1
B302

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Old sewer line, upgradient of source area
NORTHING (FT): 1125257 **EASTING (FT):** 931623 **TOTAL DEPTH (FT):** 16.0
DRILLED BY: Cascade **DATUM VERT. / HORZ.:**
LOGGED BY: Nick Louis **DATE START / END:** 4/24/2021 - 4/24/2021
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Value listed in Pen/Rec is the penetration length, recovery not recorded.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0	1	48	0.3 0.4			FILL: soil cuttings, rock, gravel, sand, grey, damp.
370		2	24	0.0 0.0 0.0 0.0			LEAN CLAY (CL): trace silt, gray.
	5	3	24	0.0 0.1 0.0 0.0			6-8 feet: wet.
		4	24	0.0 0.0 0.0 0.0			
365							8-10 feet: brown.
	10	5	24	0.0 0.0 0.0 0.0			10-12 feet: brown to yellowish-brown.
		6	24	0.0 0.0 0.0 0.1		B302 (14-16)	12-13 feet: gray, dry. 13-14 feet: wet.
360		7	24	0.1 0.1 0.1 0.1			14-16 feet: trace gravel, light brown.
	15			0.1			End of Boring at 16 feet. Backfilled with cuttings

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 1
B303

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Old sewer line, upgradient of source area
NORTHING (FT): 1125241 **EASTING (FT):** 931642 **TOTAL DEPTH (FT):** 16.0
DRILLED BY: Cascade **DATUM VERT. / HORZ.:**
LOGGED BY: Nick Louis **DATE START / END:** 4/24/2021 - 4/24/2021
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Value listed in Pen/Rec is the penetration length, recovery not recorded.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0	1	48	2.6 7.4			FILL: soil cuttings, rock, sand, gravel, gray, moist.
370		2	24	0.4 0.2 0.4			SANDY LEAN CLAY (CL): trace rock and gravel, dark grey.
	5	3	24	1.0 0.2 0.2 0.1			LEAN CLAY WITH SAND (CL): gray, wet. LEAN CLAY (CL): trace silt, dark brown, wet.
		4	24	0.0 0.2 0.3 0.2			SILT (ML): some clay, wet.
365							LEAN CLAY (CL): brown, wet.
	10	5	24	0.1 0.1 0.1 0.1		B303 (10-12)	10-11 feet: some silt. 11-12 feet: grayish-brown.
		6	24	0.1 0.0 0.0 0.0			SILT (ML): some clay, brownish-gray, wet.
360		7	24	0.0 0.7 0.1			
	15						End of Boring at 16 feet. Backfilled with cuttings

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 1
B304

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Old sewer line, upgradient of source area
NORTHING (FT): 1125317 **EASTING (FT):** 931743 **TOTAL DEPTH (FT):** 16.0
DRILLED BY: Cascade **DATUM VERT. / HORZ.:**
LOGGED BY: Nick Louis **DATE START / END:** 4/24/2021 - 4/24/2021
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Value listed in Pen/Rec is the penetration length, recovery not recorded.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0	1	48	0.4			WIDELY GRADED GRAVEL (GW): some rock, gray.
				0.6			WIDELY GRADED GRAVEL WITH SAND (GW): gray, wet.
370		2	24	0.0			SANDY LEAN CLAY (CL): gray to grayish-brown.
	5			0.0			
				0.0			
				0.0			
		3	24	0.0			6-7 feet: wet.
				0.0			LEAN CLAY (CL): gray with some brown, wet.
				0.0			
				0.0			
		4	24	0.0			
365				0.1			8-10 feet: some silt, brown.
				0.1			
	10	5	24	0.1			
				0.1		B304 (10-12)	
				0.0			
				0.0			
		6	24	0.0			10-14 feet: no silt.
				0.0			
				0.0			
				0.0			
360		7	24	0.0			SLIT (ML): trace gravel, brown, wet. Low recovery.
	15			0.0			
				0.0			
				0.0			
				0.0			End of Boring at 16 feet.
				0.0			Backfilled with cuttings

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
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BORING LOG
PAGE 1 of 1
B305

GROUND SURFACE ELEVATION (FT): 374.00 **LOCATION:** Old sewer line, upgradient of source area
NORTHING (FT): 1125353 **EASTING (FT):** 931794 **TOTAL DEPTH (FT):** 16.0
DRILLED BY: Cascade **DATUM VERT. / HORZ.:**
LOGGED BY: Nick Louis **DATE START / END:** 4/24/2021 - 4/24/2021
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Value listed in Pen/Rec is the penetration length, recovery not recorded.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0	1	48	0.15 0.4			FILL: soil cuttings, gravel, gray, loose.
370		2	24	0.1 0.0 0.0 0.0			LEAN CLAY (CL): brownish-gray.
	5	3	24	0.1 0.1 0.1 0.0			5-6 feet: wet. 6-8 feet: grayish-brown.
365		4	24	0.0 0.0 0.0 0.0			8-10 feet: brown.
	10	5	24	0.0 0.0 0.0 0.0			10-12 feet: grayish-brown, flecks of black and brown coloring near 12 feet.
		6	24	0.0 0.0		B305 (12-14)	LEAN CLAY (CL): some gravel, brown, wet. Almost no recovery.
360		7	24	0.0 0.0 0.0 0.0 0.0			14-16 feet: some gravel, brown to light-brownish.
	15						End of Boring at 16 feet. Backfilled with cuttings

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc. 1301 Trumansburg Road Suite N Ithaca, NY 14850 607.216.8955	**CLIENT:** UniFirst **PROJECT:** Liverpool Laundry Facility **CITY/STATE:** Liverpool, New York **GEI PROJECT NUMBER:** 2001642	**BORING LOG** **PAGE 1 of 1** **B306**

GROUND SURFACE ELEVATION (FT): 375.00 **LOCATION:** Old sewer line, upgradient of source area
NORTHING (FT): 1125393 **EASTING (FT):** 931837 **TOTAL DEPTH (FT):** 16.0
DRILLED BY: Cascade **DATUM VERT. / HORZ.:**
LOGGED BY: Nick Louis **DATE START / END:** 4/24/2021 - 4/24/2021
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: Value listed in Pen/Rec is the penetration length, recovery not recorded.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0	1	48	0.4 0.1			FILL: soil cuttings with sand and gravel, gray.
370	5	2	24	0.1 0.1 0.1 0.1			LEAN CLAY (CL): some silt, trace gravel, brownish-gray.
		3	24	0.0 0.0 0.0 0.0			6-9 feet: silt, brown, wet.
		4	24	0.0 0.0 0.1 0.0			9-10 feet: no silt, gray.
365	10	5	24	0.0 0.0 0.0 0.0			SILT (ML): brown, wet.
		6	24	0.0 0.0 0.0			LEAN CLAY (CL): brownish-gray, wet. Limited recovery.
360	15	7	24	0.0 0.0 0.0 0.0 0.0		B306 (14-16)	14-16 feet: trace fine sand, brown, wet. End of Boring at 16 feet. Backfilled with cuttings

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT:	UniFirst
PROJECT:	Liverpool Laundry Facility
CITY/STATE:	Liverpool, New York
GEI PROJECT NUMBER:	2001642

BORING LOG

PAGE 1 of 2

B400/MW3I

GROUND SURFACE ELEVATION (FT): 376.24 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125168 **EASTING (FT):** 931761 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: L. Feeney **DATE START / END:** 6/6/2023 - 6/6/2023
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
375	0	1	48/31	0.0			NARROWLY GRADED SAND (SP): trace gravel, brown, dry.	Stick-up riser
				0.0			1-1.6 feet: trace silt, dark brown, moist.	
				0.0			1.6-2.5 feet: light brown, dry.	
				0.6		B400 (0-5)	SANDY SILT (ML): dark brown.	
		2	48/48				ELASTIC SILT (MH): some clay, dark brown, moist.	
	5			1.1			WIDELY GRADED SAND WITH GRAVEL (SW): brown.	
				1.3				
370				0.3			SILT (ML): trace clay, brown, moist.	
				0.7				
				3.7				
				2.1			7-8 feet: wet, brown.	
		3	48/48	17.4				
				17.2				
	10			43.2			8-12 feet: trace clay.	
				28.5				
				3.8				
365				57.3		B400 (10-12)		
				48.8				Cement
		4	48/48	53.1			SILTY SAND (SM): brown, wet.	
				5.0				
				5.5				
				6.4				
				14.9				
	15			9.4		B400 (14-16)		
				2.3				
360				16.2				
		5	48/28	5.3				
				49.9				
				6.3				
				5.8				
	20	6	48/19	0.0				
355								
				0.0				

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CITY/STATE: Liverpool, New York
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BORING LOG

B400/MW3I

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	25	7	48/48	0.2 0.8 0.0 0.0 0.0				Bentonite seal
350				0.0 0.0		B400 (25-30)	WIDELY GRADED SAND (SW): fine to coarse sand, dark brown, wet.	
	30	8	48/48	0.8 1.2 2.5			NARROWLY GRADED SAND (SP): fine to medium sand, dark brown, wet.	
345				0.0 1.8 1.5 0.0				Sand pack Slotted screen
		9	48/36	0.8 0.6 0.3				
	35			0.0 0.0			32-40 feet: dark brown, grayish.	
340		10	48/36	4.2				Silt trap
				0.0		B400 (35-40)		
				0.0 0.0 0.0				Bentonite seal
	40						End of Boring at 40 feet. MW3I screened from 26-36 feet.	

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CITY/STATE:	Liverpool, New York
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BORING LOG

PAGE 1 of 2

B400/MW3S

GROUND SURFACE ELEVATION (FT): 376.24 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125171 **EASTING (FT):** 931764 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: L. Feeney **DATE START / END:** 6/6/2023 - 6/6/2023
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
375	0	1	48/31	0.0			NARROWLY GRADED SAND (SP): trace gravel, brown, dry.	Stick-up riser Cement
				0.0			1-1.6 feet: trace silt, dark brown, moist.	
				0.0			1.6-2.5 feet: light brown, dry.	Bentonite seal
				0.6		B400 (0-5)	SANDY SILT (ML): dark brown.	
		2	48/48	1.1			ELASTIC SILT (MH): some clay, dark brown, moist.	
	5			1.3			WIDELY GRADED SAND WITH GRAVEL (SW): brown.	
370				0.3			SILT (ML): trace clay, brown, moist.	
				0.7				
				3.7				
				2.1			7-8 feet: wet, brown.	
		3	48/48	17.4				Sand filter pack Slotted screen
				17.2				
	10			43.2				
				28.5			8-12 feet: trace clay.	
				3.8				
365				57.3		B400 (10-12)		
				48.8				
		4	48/48	53.1			SILTY SAND (SM): brown, wet.	
				5.0				
				5.5				
				6.4				
				14.9				
	15			9.4				
				2.3		B400 (14-16)		
				16.2				
360		5	48/28	5.3				Silt trap
				49.9				
				6.3				
				5.8				
	20							
		6	48/19	0.0				
355								
				0.0				

NOTES:

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S_V = TORVANE PEAK

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IN. = INCHES
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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG

B400/MW3S

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	25	7	48/48	0.2 0.8 0.0 0.0 0.0 0.0 0.0				
350						B400 (25-30)	WIDELY GRADED SAND (SW): fine to coarse sand, dark brown, wet.	
	30	8	48/48	0.8 1.2 2.5 0.0 1.8 1.5 0.0			NARROWLY GRADED SAND (SP): fine to medium sand, dark brown, wet.	
345		9	48/36	0.8 0.6 0.3 0.0 0.0			32-40 feet: dark brown, grayish.	
	35							
340		10	48/36	4.2 0.0 0.0 0.0 0.0		B400 (35-40)		
	40						End of Boring at 40 feet. MW3S screened from 4-14 feet.	

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CLIENT:	UniFirst
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CITY/STATE:	Liverpool, New York
GEI PROJECT NUMBER:	2001642

BORING LOG

PAGE 1 of 2

B401/MW4I

GROUND SURFACE ELEVATION (FT): 376.32 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125215 **EASTING (FT):** 931811 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: L. Feeney **DATE START / END:** 6/6/2023 - 6/6/2023
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0	1	48/31	0.0 0.0 0.2		B401 (0-5)	NARROWLY GRADED SAND (SP): fine sand, dark brown, dry. SILTY SAND (SM): fine sand, trace gravel, dark brown, dry.	Stick-up riser
375								
	5	2	48/48	1.9 2.1 2.1 0.9 16.2			4-6.5 feet: trace clay, moist.	
370							SILT (ML): brown, wet.	
				26.8 30.5				
		3	48/48	72000 72000 948				
	10			750 1050			8-12 feet: saturated from 8-10 feet.	
365				1802 942		B401 (10-12)		Cement
		4	48/48	748				
				109			12-16 feet: PLO.	
	15			113		B401 (14-16)		
360		5	48/28	1.8				
				32.2				
				13.1				
	20	6	48/19	3.9				
355				5.4				

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG

B401/MW4I

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	25	7	48/48	48.2			NARROWLY GRADED SAND (SP): fine sand, brown, wet.	Bentonite seal
350				0.2				
	30	8	48/48	3.2		B401 (28-30)		Sand pack; Slotted screen
345		9	48/36				No Recovery.	
	35							
340		10	48/36	0.9				Silt trap
	40			3.1		B401 (38-40)	NARROWLY GRADED SAND (SP): fine to medium, brown, wet.	Bentonite seal

End of Boring at 40 feet.
MW4I screened from 26-36 feet.

NOTES:

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CLIENT: UniFirst
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CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 2
B401/MW4S

GROUND SURFACE ELEVATION (FT): 376.32 **LOCATION:** Source area/approx. location of source area.
NORTHING (FT): 1125219 **EASTING (FT):** 931814 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: L. Feeney **DATE START / END:** 6/6/2023 - 6/6/2023
DRILLING DETAILS: Geoprobe / Geoprobe 7822DT / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
375	0	1	48/31	0.0 0.0 0.2		B401 (0-5)	NARROWLY GRADED SAND (SP): fine sand, dark brown, dry. SILTY SAND (SM): fine sand, trace gravel, dark brown, dry.	Stick-up riser Cement Bentonite seal
370	5	2	48/48	1.9 2.1 2.1 0.9 16.2 26.8 30.5			4-6.5 feet: trace clay, moist. SILT (ML): brown, wet.	
365	10	3	48/48	72000 72000 948 750 1050 1802 942		B401 (10-12)	8-12 feet: saturated from 8-10 feet.	Sand filter pack Slotted screen
360	15	4	48/48	748 109 113		B401 (14-16)	12-16 feet: PLO.	Silt trap
355	20	5	48/28	1.8 32.2 13.1				
		6	48/19	3.9 5.4				

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 2 of 2
B401/MW4S

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	25	7	48/48	48.2			NARROWLY GRADED SAND (SP): fine sand, brown, wet.	
350				0.2				
		8	48/48	3.2		B401 (28-30)		
	30							
345								
		9	48/36				No Recovery.	
	35							
340		10	48/36	0.9				
				3.1		B401 (38-40)	NARROWLY GRADED SAND (SP): fine to medium, brown, wet.	
	40						End of Boring at 40 feet. MW4S screened from 4-14 feet.	

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 2
B402/MW5I

GROUND SURFACE ELEVATION (FT): 374.66 **LOCATION:** Upgradient of source area
NORTHING (FT): 1125200 **EASTING (FT):** 931482 **TOTAL DEPTH (FT):** 46.0
DRILLED BY: Cascade **DATUM VERT. / HORZ.:**
LOGGED BY: B. Pabst **DATE START / END:** 2/9/2023 - 2/9/2023
DRILLING DETAILS: Sonic Coring / Sonic
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: MW5S and MW5I are nested monitoring wells in the same borehole

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0					B402 (0-5)	FILL: gravel and asphalt.
370	5	1	60/48	368.2			FILL: gravel and debris, larger cap for some sort of tank. LEAN CLAY (CL): low plasticity, stiff, light brown with orange/red.
365	10	2	60/60	60.7			
				8.4			SILT (ML): no plasticity, soft, wet.
360	15	3	60/36	0.5		B402 (14-16)	
				0.3			15-20 feet: light brown.
355	20	4	60/38	0.1			
				0.2			NARROWLY GRADED SAND (SP): fine sand, hard, wet, light brown.

WELL DETAILS: Flush-mount cover; Silica sand filter pack

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT:	UniFirst
PROJECT:	Liverpool Laundry Facility
CITY/STATE:	Liverpool, New York
GEI PROJECT NUMBER:	2001642

BORING LOG

PAGE 2 of 2

B402/MW5I

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
350	25	5	60/48	0.1			SILT (ML): stiff, no plasticity, wet, light brown.	Bentonite seal
				0.1			NARROWLY GRADED SAND (SP): fine sand, hard, no plasticity, wet, light brown.	
345	30	6	60/42	0.0			SILTY SAND (SM): wet.	
				0.1		B402 (33-35)	NARROWLY GRADED SAND WITH SILT (SP): coarse sand, cohesive bands of red silt and coarse dark brown sand.	
340	35	7	60/56	0.1			35-40 feet: cohesive, dark brown.	Sch 40 PVC 0.010-inch slotted pipe, 2-inch diameter
335	40	8	60/52	0.1			40-45 feet: cohesive, light brown.	
330	45							Silt trap
								Betonite backfill
							End of Boring at 46 feet. MW5I screened from 34-44 feet. MW5S and MW5I are nested monitoring wells in the same borehole	

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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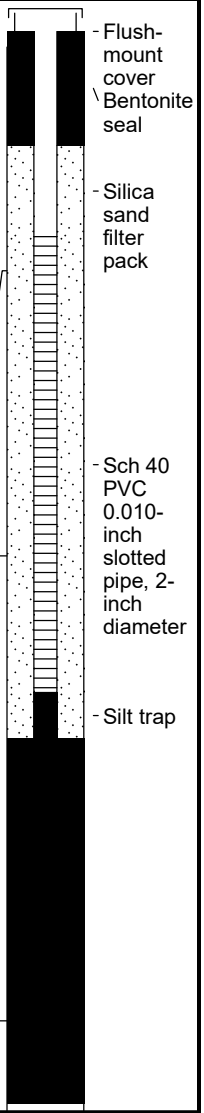
CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 2
B402/MW5S

GROUND SURFACE ELEVATION (FT): 374.66 **LOCATION:** Upgradient of source area
NORTHING (FT): 1125200 **EASTING (FT):** 931482 **TOTAL DEPTH (FT):** 46.0
DRILLED BY: Cascade **DATUM VERT. / HORZ.:**
LOGGED BY: B. Pabst **DATE START / END:** 2/9/2023 - 2/9/2023
DRILLING DETAILS: Sonic Coring / Sonic
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: MW5S and MW5I are nested monitoring wells in the same borehole

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0					B402 (0-5)	FILL: gravel and asphalt.
370	5	1	60/48	368.2			FILL: gravel and debris, larger cap for some sort of tank.
							LEAN CLAY (CL): low plasticity, stiff, light brown with orange/red.
365	10	2	60/60	60.7			
				8.4			SILT (ML): no plasticity, soft, wet.
360	15	3	60/36	0.5		B402 (14-16)	
				0.3			15-20 feet: light brown.
355	20	4	60/38	0.1			
				0.2			NARROWLY GRADED SAND (SP): fine sand, hard, wet, light brown.

WELL DETAILS



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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT: UniFirst
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CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 2 of 2
B402/MW5S

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
350	25	5	60/48	0.1			SILT (ML): stiff, no plasticity, wet, light brown.	
				0.1			NARROWLY GRADED SAND (SP): fine sand, hard, no plasticity, wet, light brown.	
345	30	6	60/42	0.0			SILTY SAND (SM): wet.	Bentonite backfill
				0.1		B402 (33-35)	NARROWLY GRADED SAND WITH SILT (SP): coarse sand, cohesive bands of red silt and coarse dark brown sand.	
340	35	7	60/56	0.1			35-40 feet: cohesive, dark brown.	
335	40	8	60/52	0.1			40-45 feet: cohesive, light brown.	
330	45							

End of Boring at 46 feet.
MW5S screened from 5-15 feet. MW5S and MW5I are nested monitoring wells in the same borehole

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
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GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B403/MW6

GROUND SURFACE ELEVATION (FT): 374.06 **LOCATION:** Upgradient of source area
NORTHING (FT): 1125293 **EASTING (FT):** 931586 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: J. DesRosiers **DATE START / END:** 8/25/2023 - 8/25/2023
DRILLING DETAILS: Truck mounted auger
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: 0-6 feet interval removed using vacuum excavation.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0			0.0		B403 (0-5)	SILTY SAND WITH GRAVEL (SM): small gravel, dry.	Flush-mount cover
370								Bentonite seal
	5	1	24/24	0.0				
		2	24/24	0.0			LEAN CLAY (CL): ~80% clay, ~20% silt, high plasticity, dry.	
365	10	3	24/24	0.0			LEAN CLAY (CL): ~60% clay, ~40% silt.	
		4	24/12	0.0			12-12.3 feet: dry. 12.3-13 feet: wet.	
360		5	24/10	0.0		B403 (14-16)	ELASTIC SILT (MH): ~60% silt, ~40% clay, wet.	Sand filter pack 0.010-inch slotted screen
	15	6	24/24	0.0				
355		7	24/24	0.0			ELASTIC SILT (MH): ~80% silt, ~10% clay, ~10% fine sand, wet.	Silt trap
	20						End of Boring at 20 feet. MW6 screened from 8-18 feet.	Bentonite backfill

COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

NOTES:

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S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

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CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 1
B404/MW7

GROUND SURFACE ELEVATION (FT): 375.26 **LOCATION:** Upgradient of source area
NORTHING (FT): 1125438 **EASTING (FT):** 931734 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: J. DesRosiers **DATE START / END:** 8/25/2023 - 8/25/2023
DRILLING DETAILS: Truck mounted auger
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: 0-6 feet interval removed using vacuum excavation.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
375	0			0.0		B404 (0-5)	SILTY SAND WITH GRAVEL (SM): small gravel, dry.	Flush-mount cover; Bentonite seal
370	5	1	24/14	0.0			NARROWLY GRADED SAND (SP): ~50% sand, ~25% silt, ~25% clay, moist, dark brown.	
		2	24/24	0.0			SILTY SAND (SM): ~80% sand, ~20% silt, dry.	
365	10	3	24/24	0.0			10-12 feet: wet.	
		4	24/24	0.0			12-14 feet: high plasticity.	Filter sand pack 0.010-inch slotted screen
360	15	5	24/12	0.0		B404 (14-16)	LEAN CLAY (CL): ~80% clay, ~20% silt, high plasticity, very wet.	
		6	24/24	0.0			LEAN CLAY (CL): ~60% clay, ~35% silt, ~5% sand, very wet.	Silt trap
		7	24/24	0.0			LEAN CLAY (CL): ~60% clay, ~35% silt, ~5% sand, moderately stiff.	Bentonite backfill
	20						End of Boring at 20 feet. MW7 screened from 8-18 feet.	

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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GROUND SURFACE ELEVATION (FT): 375.64 LOCATION: Upgradient of source area
NORTHING (FT): 1125444 EASTING (FT): 931818 TOTAL DEPTH (FT): 20.0
DRILLED BY: Parratt Wolff / P. Eaves DATUM VERT. / HORZ.:
LOGGED BY: Frank Clougherty DATE START / END: 8/22/2023 - 8/24/2023
DRILLING DETAILS: Truck mounted auger
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: 0-6 feet interval removed using vacuum excavation.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
375	0			0.0		B405 (0-5)	SILTY SAND WITH GRAVEL (SM): some organics, grayish-brown, dry.	Flush-mount cover; Concrete surface seal; Bentonite seal
370	5	1	36/36	0.0				
		2	48/44	0.0			ELASTIC SILT WITH SAND AND ORGANICS (MH): fine to coarse sand, grayish-brown, stiff, thinly laminated, low plasticity wet.	Silica sand filter pack 0.010-inch slotted screen
365	10	3	48/48	0.0				
360	15	4	36/36	0.0		B405 (14-16)		Silt trap; Bentonite backfill
	20						End of Boring at 20 feet. MW8 screened from 5-15 feet.	

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CITY/STATE: Liverpool, New York
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BORING LOG
PAGE 1 of 1
B406

GROUND SURFACE ELEVATION (FT): 374.01 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125384 **EASTING (FT):** 931893 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Parratt Wolff / P. Eaves **DATUM VERT. / HORZ.:**
LOGGED BY: Frank Clougherty **DATE START / END:** 8/21/2023 - 8/21/2023
DRILLING DETAILS: Truck mounted auger
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: 0-6 feet interval removed using vacuum excavation.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
370	0					B406 (0-5)	SILTY SAND AND GRAVEL (SM): trace organics, grayish-brown, dry, fill.
	5	1	48/45	0.0			SANDY SILT WITH GRAVEL (ML): brown, dry.
365							ELASTIC SILT (MH): trace fine to coarse sand, stiff, thinly laminated, low plasticity, gray, wet.
	10	2	48/45	0.0			
360		3	36/35	0.0		B406 (14-16)	SANDY SILT (ML): trace clay, compact, granular soil structure, brownish-gray, wet.
	15	4	36/18	0.0			
355	20						End of Boring at 20 feet. No well installed. Filled with drill cuttings then grouted to ground surface.

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 2
B407/MW9I

GROUND SURFACE ELEVATION (FT): 374.21 **LOCATION:** Upgradient of source area
NORTHING (FT): 1125081 **EASTING (FT):** 931587 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff / P. Eaves **DATUM VERT. / HORZ.:**
LOGGED BY: Frank Clougherty **DATE START / END:** 8/21/2023 - 8/22/2023
DRILLING DETAILS: Truck mounted auger
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: 0-6 feet interval removed using vacuum excavation.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0					B407 (0-5)	SILTY SAND WITH GRAVEL (SM): grayish-brown.	Flush-mount cover
370	5							
		1	24/18	0.0			ELASTIC SILT (MH): trace fine sand, stiff, thinly laminated, low plasticity, grayish-brown, dry.	
		2	24/24	0.0				
365	10	3	24/24	0.0				Cement-bentonite grout
		4	24/22	0.0			10.2-14 feet: wet.	
360	15	5	24/24	0.0		B407 (14-16)	SILTY SAND (SM): some clay, hard, low plasticity, brownish-gray, very wet.	
		6	24/24	0.0				
		7	24/24	0.0				
355	20	8	24/24	0.0				
		9	24/24	0.0				Bentonite

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 2 of 2
B407/MW9I

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
350	25	10	24/6	0.0				seal
							WIDELY GRADED SAND (SW): fine to coarse sand, loose, non-plastic, grayish-brown-red, wet.	
						B407 (25-30)		
345	30	11	24/6	0.0				
		12	24/24	0.0				Silica sand filter pack Sch 40 PVC 0.010-inch slotted pipe, 2-inch diameter Silt trap
		13	24/18	0.0				
340	35	14	24/6	0.0				
		15	24/18	0.0				
						B407 (35-40)		
		16	24/24	0.0				
335	40							Bentonite backfill

End of Boring at 40 feet.
MW9I screened from 26-36 feet.

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 2
B407/MW9S

GROUND SURFACE ELEVATION (FT): 374.21 **LOCATION:** Upgradient of source area
NORTHING (FT): 1125084 **EASTING (FT):** 931589 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff / P. Eaves **DATUM VERT. / HORZ.:**
LOGGED BY: Frank Clougherty **DATE START / END:** 8/21/2023 - 8/21/2023
DRILLING DETAILS: Truck mounted auger
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: 0-6 feet interval removed using vacuum excavation.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0					B407 (0-5)	SILTY SAND WITH GRAVEL (SM): grayish-brown.	Flush-mount cover; Bentonite seal
370	5							
		1	24/18	0.0			ELASTIC SILT (MH): trace fine sand, stiff, thinly laminated, low plasticity, grayish-brown, dry.	
		2	24/24	0.0				
365	10	3	24/24	0.0				Silica sand filter pack; Sch 40 PVC 0.010-inch slotted pipe, 2-inch diameter; Silt trap
		4	24/22	0.0			10.2-14 feet: wet.	
360	15	5	24/24	0.0		B407 (14-16)	SILTY SAND (SM): some clay, hard, low plasticity, brownish-gray, very wet.	
		6	24/24	0.0				
		7	24/24	0.0				
355	20	8	24/24	0.0				
		9	24/24	0.0				

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG

B407/MW9S

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
350	25	10	24/6	0.0				
							WIDELY GRADED SAND (SW): fine to coarse sand, loose, non-plastic, grayish-brown-red, wet.	
						B407 (25-30)		
345	30	11	24/6	0.0				
		12	24/24	0.0				
		13	24/18	0.0				
340	35	14	24/6	0.0				
		15	24/18	0.0				
						B407 (35-40)		
		16	24/24	0.0				
335	40							

End of Boring at 40 feet.
MW9S screened from 5-15 feet.

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 1
B408/MW10

GROUND SURFACE ELEVATION (FT): 373.72 **LOCATION:** Upgradient of source area
NORTHING (FT): 1125137 **EASTING (FT):** 931531 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Parratt Wolff / P. Eaves **DATUM VERT. / HORZ.:**
LOGGED BY: Frank Clougherty **DATE START / END:** 8/22/2023 - 8/22/2023
DRILLING DETAILS: Truck mounted auger
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: 0-6 feet interval removed using vacuum excavation.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0						SILTY SAND WITH GRAVEL (SM): grayish-brown dry.	Flush-mount cover
370						B408 (0-5)		Bentonite seal
	5						ELASTIC SILT (MH): stiff, thinly laminated, plastic, grayish-brown moist.	
		1	24/24	0.0				
		2	24/24	0.0				
365								
	10	3	24/18	0.0				
		4	24/22	0.0			ELASTIC SILT (MH): trace fine to coarse sand, stiff, thinly laminated, brownish-gray, low plasticity, wet.	Silica sand filter pack 0.010-inch slotted screen
360		5	24/24	0.0				
	15					B408 (14-16)	SILTY SAND (SM): trace clay, hard, brownish-gray, very wet.	
		6	24/18	0.0				
355		7	24/18	0.0				Silt trap
	20						End of Boring at 20 feet. MW10 screened from 8-18 feet.	Bentonite backfill

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 1
B409/MW11

GROUND SURFACE ELEVATION (FT): 373.50 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125421 **EASTING (FT):** 931938 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: J. DesRosiers **DATE START / END:** 11/2/2023 - 11/2/2023
DRILLING DETAILS: Geoprobe with augers
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0			0.2		FILL: topsoil, moist.	Flush-mount cover
370						NARROWLY GRADED SAND WITH COBBLE AND GRAVEL (SP): brown, fill. 3-4 feet: red-brown.	Bentonite seal
	5	1	48/24	0.0		LEAN CLAY (CL): ~60% clay, ~20% silt, ~20% small cobbles.	
365		2	48/18	0.0			
	10	3	48/24	0.0		NARROWLY GRADED SAND (SP)	Sand filter pack Slotted screen
360						WIDELY GRADED GRAVEL WITH SAND AND COBBLES (GW): ~80% cobbles, ~20% sand.	
	15	4	48/30	0.0			Silt trap
355						LEAN CLAY (CL)	Bentonite backfill
	20					End of Boring at 20 feet. MW11 screened from 6-16 feet.	

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 2
B410/MW12I

GROUND SURFACE ELEVATION (FT): 371.98 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125325 **EASTING (FT):** 932025 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: J. DesRosiers **DATE START / END:** 11/1/2023 - 11/1/2023
DRILLING DETAILS: Geoprobe with augers
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0							Flush-mount cover
370			48/48	0.5		B410 (0-5)	FILL: topsoil, some organic material, dark brown, moist.	
							NARROWLY GRADED SAND WITH GRAVEL (SP): pieces of china, medium brown-red.	
							FILL: asphalt layer, suspected to be old structure or road.	
		1	48/32	0.8			NARROWLY GRADED SAND WITH GRAVEL (SP): pieces of china, tan, dry.	
	5						SILTY GRAVEL (GM): ~50% medium gravel, ~25% silt, ~25% clay, wet.	
365								
		2	48/24	0.5			SILTY GRAVEL WITH COBBLES (GM): ~75% cobbles, ~25% silt.	
	10						SILTY GRAVEL WITH SAND (GM): ~60% medium gravel, ~20% sand, ~20% silt.	
360		3	48/30	0.4			SILTY GRAVEL WITH SAND AND COBBLES (GM): ~60% medium cobbles, ~20% sand, ~20% silt.	Bentonite seal
	15							
		4	48/40			B410 (16-18)	GRAVELLY ELASTIC SILT WITH COBBLES (MH): ~40% small cobbles, ~40% silt, ~20% clay.	
355								
	20	5	48/48				ELASTIC SILT (MH): ~50% silt, ~50% clay.	
350						B410 (20-25)		

NOTES:

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NA = NOT APPLICABLE
NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR
TLM = TAR LIKE MATERIAL

COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

GEI Consultants, Inc.
1301 Trumansburg Road
Suite N
Ithaca, NY 14850
607.216.8955

CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 2 of 2
B410/MW12I

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	25	6	48/30	0.2			NARROWLY GRADED SAND (SP): 100% coarse sand.	
345								
	30	7	48/48	0.1				Sand filter pack; Slotted screen
340		8	48/38	0.1		B410 (30-35)		
	35							Silt trap
		9	48/42	0.2				Bentonite backfill
335								
	40						End of Boring at 40 feet. MW12I screened from 25-35 feet.	

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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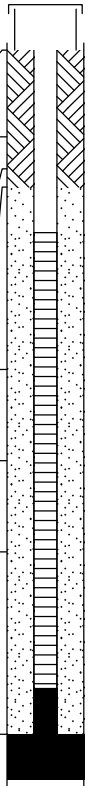
CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 1 of 2
B410/MW12S

GROUND SURFACE ELEVATION (FT): 371.98 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125327 **EASTING (FT):** 932023 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: J. DesRosiers **DATE START / END:** 11/1/2023 - 11/1/2023
DRILLING DETAILS: Geoprobe with augers / Casing ID: 2in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
370	0		48/48	0.6		B410 (0-5)	FILL: topsoil, some organic material, dark brown, moist.
							NARROWLY GRADED SAND WITH GRAVEL (SP): pieces of china, medium brown-red.
							FILL: asphalt layer, suspected to be old structure or road.
		1	48/32	0.8			NARROWLY GRADED SAND WITH GRAVEL (SP): pieces of china, tan, dry.
365	5						SILTY GRAVEL (GM): ~50% medium gravel, ~25% silt, ~25% clay, wet.
		2	48/24	0.5			SILTY GRAVEL WITH COBBLES (GM): ~75% cobbles, ~25% silt.
360	10						SILTY GRAVEL WITH SAND (GM): ~60% medium gravel, ~20% sand, ~20% silt.
		3	48/30	0.4			SILTY GRAVEL WITH SAND AND COBBLES (GM): ~60% medium cobbles, ~20% sand, ~20% silt.
355	15	4	48/40			B410 (16-18)	GRAVELLY ELASTIC SILT WITH COBBLES (MH): ~40% small cobbles, ~40% silt, ~20% clay.
350	20	5	48/48			B410 (20-25)	ELASTIC SILT (MH): ~50% silt, ~50% clay.

WELL DETAILS



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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
GEI PROJECT NUMBER: 2001642

BORING LOG
PAGE 2 of 2
B410/MW12S

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	25	6	48/40	0.2			NARROWLY GRADED SAND (SP): 100% coarse sand.	
345								
	30	7	48/48	0.1				
340		8	48/38	0.1		B410 (30-35)		
	35							
		9	48/42	0.2				
335								
	40						End of Boring at 40 feet. MW12S screened from 5-15 feet.	

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CITY/STATE: Liverpool, New York
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BORING LOG
PAGE 1 of 2
B411/MW13I

GROUND SURFACE ELEVATION (FT): 372.59 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125235 **EASTING (FT):** 932093 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: M. Cummings **DATE START / END:** 10/31/2023 - 10/31/2023
DRILLING DETAILS:
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
370	0						FILL: cuttings backfill from hand clearing.	Flush-mount cover
	5		48/12	0.0		B411 (5-5.5)		
365							NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP): brown, moist. 7 feet: loose, wet.	
			48/5	0.0				Grout
	10						NARROWLY GRADED SAND WITH GRAVEL (SP): gray, wet, loose.	
360			48/36	0.1			SILT WITH ORGANICS AND SAND (ML): trace fine sand, roots and wood fragments, brown.	
	15					B411 (14-16)		
			48/34	0.2 0.6 0.1			15.8 feet: shell fragments, stiff.	Bentonite seal
355				0.1		B411 (18-20)		
	20		48/0				SILT WITH ORGANICS AND SAND (ML): occasional shell fragments, trace fine sand, roots and wood fragments, stiff. SILT WITH ORGANICS AND SAND (ML): trace fine sand, roots and wood fragments, shell fragments, gray, wet, stiff.	
350								

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IN. = INCHES
FT. = FEET

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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CLIENT: UniFirst
PROJECT: Liverpool Laundry Facility
CITY/STATE: Liverpool, New York
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BORING LOG
PAGE 2 of 2
B411/MW13I

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	25		48/36	0.0			SILT (ML): medium plasticity, gray, wet, soft.	N00 sand filter pack Slotted screen
345							NARROWLY GRADED SAND WITH SILT (SP): gray, wet, hard.	
	30		48/34	0.0			NARROWLY GRADED SAND (SP): medium to fine sand, wet.	
340			48/41	0.0		B411 (30-35)		
	35		48/34	0.0			32-39.5 feet: wet.	Bentonite backfill
335								
	40						End of Boring at 40 feet. MW13I screened from 20-30 feet.	

NOTES:

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CLIENT: UniFirst
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CITY/STATE: Liverpool, New York
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BORING LOG
PAGE 1 of 2
B411/MW13S

GROUND SURFACE ELEVATION (FT): 372.59 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125239 **EASTING (FT):** 932090 **TOTAL DEPTH (FT):** 40.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: M. Cummings **DATE START / END:** 10/31/2023 - 10/31/2023
DRILLING DETAILS:
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
370	0						FILL: cuttings backfill from hand clearing.	Flush-mount cover; Grout; Bentonite seal
	5		48/12	0.0		B411 (5-5.5)	NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP): brown, moist. 7 feet: loose, wet.	
365			48/5	0.0			NARROWLY GRADED SAND WITH GRAVEL (SP): gray, wet, loose.	N00 sand filter pack; Slotted screen
360	10		48/36	0.1			SILT WITH ORGANICS AND SAND (ML): trace fine sand, roots and wood fragments, brown.	
	15		48/34	0.2		B411 (14-16)	15.8 feet: shell fragments, stiff.	
355				0.6				
				0.1				
				0.1		B411 (18-20)	SILT WITH ORGANICS AND SAND (ML): occasional shell fragments, trace fine sand, roots and wood fragments, stiff.	
	20		0/0				SILT WITH ORGANICS AND SAND (ML): trave fine sand, roots and wood fragments, shell fragments, gray, wet, stiff.	
350								

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 2 of 2
B411/MW13S

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	25		48/36				SILT (ML): medium plasticity, gray, wet, soft.	
345							NARROWLY GRADED SAND WITH SILT (SP): gray, wet, hard.	
	30		48/34				NARROWLY GRADED SAND (SP): medium to fine sand, wet.	
340			48/41			B411 (30-35)		
	35						32-39.5 feet: wet.	
			48/34					
335								
	40						End of Boring at 40 feet. MW13S screened from 5-15 feet.	

NOTES:

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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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BORING LOG
PAGE 1 of 1
MW1R

GROUND SURFACE ELEVATION (FT): 374.01 **LOCATION:** Downgradient of source area
NORTHING (FT): 1125342 **EASTING (FT):** 931931 **TOTAL DEPTH (FT):** 15.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: B.Pabst **DATE START / END:** 2/6/2023 - 2/7/2023
DRILLING DETAILS: Roto-Sonic / Casing ID: 3in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE: 0-5 feet interval removed using vacuum excavation; no soil description for 5-6 feet or 12-15 feet.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC (in/in)	SAMPLE INFO: PID (ppm)	STRATA	SOIL / BEDROCK DESCRIPTION	WELL DETAILS
	0					WIDELY GRADED GRAVEL (GW)	Flush-mount cover
						LEAN CLAY (CL): slightly plastic, dense.	Cement
							Bentonite seal
370						ELASTIC SILT (MH): less plasticity, light brown, stiff.	
	5	1	60/53	0.0			
				0.1			
365							Sand filter pack
	10						Slotted screen
360							Silt trap
	15					End of Boring at 15 feet. MW1R screened from 4-14 feet.	

NOTES:

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NM = NOT MEASURED
Q_P = POCKET PENETROMETER
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IN. = INCHES
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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

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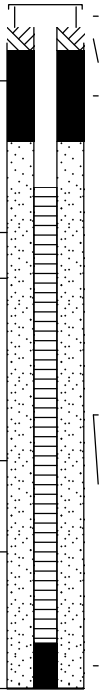
BORING LOG
PAGE 1 of 1
MW2R

GROUND SURFACE ELEVATION (FT): 376.48 **LOCATION:** Upgradient of source area
NORTHING (FT): 1125116 **EASTING (FT):** 931708 **TOTAL DEPTH (FT):** 15.0
DRILLED BY: Parratt Wolff **DATUM VERT. / HORZ.:**
LOGGED BY: B.Pabst **DATE START / END:** 2/7/2023 - 2/7/2023
DRILLING DETAILS: Roto-Sonic / Casing ID: 3in.
WATER LEVEL DEPTHS (FT):
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC (in/in)	PID (ppm)	STRATA	SOIL / BEDROCK DESCRIPTION
375	0	1	60/45	0.0		SILTY GRAVEL WITH COBBLES AND ORGANIC MATERIAL (GM): dark brown.
				0.1		ELASTIC SILT WITH GRAVEL (MH): gravel up to 2 inches, light brown-gray.
	5	2	60/35	0.4		ELASTIC SILT (MH): bands of dark gray silt with clay.
370				0.1		SILTY GRAVEL (GM): some organic material, light brown-gray.
	10	3	60/36	0.1		ELASTIC SILT (MH): some clay, stiff, gray with orange and light brown.
365				0.2		SILTY GRAVEL (GM): light brown.
	15					ELASTIC SILT (MH): gray with orange and light brown.

End of Boring at 15 feet.
MW2R screened from 4-14 feet.

WELL DETAILS



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COMBINED ENV&GT W/ WELL DESCRIPTION UNIFIRST_LIVERPOOL_GINT_020924.GPJ 7/31/24

Appendix J Waste Documentation

J.1. Waste Transporter Permit Certificates

J.2. Non-Hazardous Soil Disposal Documentation (Seneca Meadows)

J.3. Non-Hazardous Soil Disposal Documentation (Camillus)

J.4. Hazardous Soil Disposal Documentation (EnGlobe)

J.5. Non-Hazardous Dewatering Fluid Disposal Documentation

J.6. Hazardous Dewatering Fluid Disposal and Certificates of Destruction

J.1. Waste Transporter Permit Certificates

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. 7A-709

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

SUN ENVIRONMENTAL CORPORATION
4655 CROSSROADS PARK DRIVE
LIVERPOOL, NY 13088

CONTACT NAME: MATTHEW A. NOTARO
COUNTY: ONONDAGA
TELEPHONE NO: (315)218-6995

PERMIT TYPE:

☐ NEW
☐ RENEWAL
■ MODIFICATION

EFFECTIVE DATE: 03/02/2023
EXPIRATION DATE: **08/25/2023**
US EPA ID NUMBER: NYR000176958

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY:

The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
Adirondack Plastics & Paper Recycling, Inc.	Argyle , NY	Non-Hazardous Industrial/Commercial	
AERC RECYCLING SOLUTIONS (MITCHELL AVE)	ALLENTOWN , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Hazardous Industrial/Commercial Universal Waste	
Allied Waste Niagara Falls Landfill	Niagara Falls , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
AMERICAN LAMP RECYCLING, LLC	MARLBORO , NY	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Universal Waste	
American Recyclers Transfer Station	Tonawanda , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil Universal Waste	
AUBURN (C) STP	AUBURN , NY	Non-Hazardous Industrial/Commercial Grease Trap Waste Septage only (residential) Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
Auburn Landfill No 2	Auburn , NY	Non-Hazardous Industrial/Commercial	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NOTE: By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the Environmental Conservation Law, all applicable regulations, and the General Conditions printed on the back of this page.

ADDRESS:

New York State Department of Environmental Conservation
Division of Materials Management - Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7251

AUTHORIZED SIGNATURE: Laura Stevens Digitally signed by Laura Stevens Date: 2023.02.28 14:28:23 -05'00' Date:____/____/____

WASTE TRANSPORTER PERMIT

GENERAL CONDITIONS

The permittee must:

1. Carry a copy of this waste transporter permit in each vehicle to transport waste. Failure to produce a copy of the permit upon request is a violation of the permit.

2. Display the full name of the transporter on both sides of each vehicle and display the waste transporter permit number on both sides and rear of each vehicle containing waste. The displayed name and permit number must be in characters at least three inches high and of a color that contrasts sharply with the background.

3. Transport waste only in authorized vehicles. An authorized vehicle is one that is listed on this permit.

4. Submit to the Department a modification application for additions/deletions to the authorized fleet of vehicles. The permittee must wait for a modified permit before operating the vehicles identified in the modification application.

5. Submit to the Department a modification application to add a new waste category or a new destination facility, or to change the current waste or destination facility category. The permittee must wait for a modified permit before transporting new waste types or transporting to new destination facilities.

6. Submit to the Department a modification application for change of address or company name.

7. Comply with requirements for placarding and packaging as set forth in New York State Transportation Law as well as any applicable federal rules and regulations.

8. Contain all wastes in the vehicle so there is no leaking, blowing, or other discharge of waste.

9. Use vehicles to transport only materials not intended for human or animal consumption unless the vehicle is properly cleaned.

10. Comply with requirements for manifesting hazardous waste, regulated medical waste, or low-level radioactive waste as set forth in the New York State Environmental Conservation Law and the implementing regulations. Transporters who provide a pre-printed manifest to a generator/shipper/ offeror of regulated waste shall ensure that all information is correct and clearly legible on all copies of the manifest.

11. Deliver waste only to transfer, storage .. treatment and disposal facilities authorized to accept such waste. Permittee must demonstrate that facilities are so authorized if requested to do so.

12. Maintain liability insurance as required by New York State Environmental Conservation Law.

13. Maintain records of the amount of each waste type transported to each destination facility on a calendar-year basis. The transporter is obligated to provide a report of this information to the Department at the time of permit renewal, or to any law enforcement officer, if requested to do so.

14. Pay regulatory fees on an annual basis. Non-payment may be cause for revocation or suspension of permit.

15. This permit is not transferrable. A change of ownership will invalidate this permit.

16. This permit does not relieve the permittee from the obligation to obtain any other approvals or permits, or from complying with any other applicable federal, state, or local requirement.

17. Renewal applications must be submitted no less than 30 days prior to the expiration date of the permit to:

New York State Department of Environmental Conservation
Division of Materials Management, Waste Transporter Program
625 Broadway, 9th Floor
Albany, NY 12233-7251

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
WASTE TRANSPORTER PERMIT NO. 7A-709

Pursuant to Article 27 ,Titles 3 and 15 of the Environmental Conservation Law and 6 NYCRR 364

PERMIT ISSUED TO:

SUN ENVIRONMENTAL CORPORATION
4655 CROSSROADS PARK DRIVE
LIVERPOOL, NY 13088

CONTACT NAME: MATTHEW A. NOTARO
COUNTY: ONONDAGA
TELEPHONE NO: (315)218-6995

PERMIT TYPE:

☐ NEW
☐ RENEWAL
■ MODIFICATION

EFFECTIVE DATE: 03/02/2023
EXPIRATION DATE: **08/25/2023**
US EPA ID NUMBER: NYR000176958

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
Auburn Landfill No 2	Auburn , NY	Asbestos Petroleum Contaminated Soil Waste Tires	
Ava Landfill	Boonville , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires	
Bath Sanitary Landfill	Bath , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires	
Bristol Hill SLF	Fulton , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires	
Broome County Landfill	Binghamton , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Sludge from Sewage or Water Supply Treatment Plant	
CAMILLUS LANDFILL	SYRACUSE , NY	Non-Hazardous Industrial/Commercial Asbestos Waste Tires	
CANANDAIGUA (C) WWTF	CANANDAIGUA , NY	Non-Hazardous Industrial/Commercial	
CEMCO	Auburn , NY	Non-Hazardous Industrial/Commercial	
Chaffee Landfill	Chaffee , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
CHEMUNG COUNTY SD #1 STP	ELMIRA , NY	Non-Hazardous Industrial/Commercial Asbestos	
CITY OF CORTLAND WWTP	CORTLAND , NY	Non-Hazardous Industrial/Commercial Sludge from Sewage or Water Supply Treatment Plant	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MATERIALS MANAGEMENT

PART 364
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AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
CLEAN HARBORS PPM, LLC	TWINSBURG , OH	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil	
Clinton County Landfill	Morrisonville , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Waste Tires	
Colonie (T) SWMF	Colonie , NY	Non-Hazardous Industrial/Commercial Asbestos Waste Tires	
Cortland County Landfill Westside Extension	McGraw , NY	Non-Hazardous Industrial/Commercial	
Cortland County Recycling	Cortland , NY	Waste Tires	
COVANTA ENVIRONMENTAL SOLUTIONS	MYERSTOWN , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil	
Covanta Environmental Solutions - Niagara, LLC	Niagara , NY	Non-Hazardous Industrial/Commercial	
Covanta Niagara I, LLC	Niagara Falls , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Waste Oil	
CWM CHEMICAL SERVICES LLC	MODEL CITY , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil	
CYCLE CHEM (NJ)	ELIZABETH , NJ	Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial	
CYCLE CHEM (PA)	LEWISBERRY , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
CYCLE CHEM (PA)	LEWISBERRY , PA	Waste Oil Universal Waste	
Delaware County SWMF	Walton , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
Development Authority of the North Country Landfill	Rodman , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
ENDICOTT (V) WPCP	ENDICOTT , NY	Non-Hazardous Industrial/Commercial Grease Trap Waste Septage only (residential)	
ENVIRITE OF PENNSYLVANIA	YORK , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires Hazardous Industrial/Commercial Waste Oil	
ENVIRONMENTAL SOLUTIONS US, LTD	KENMORE , NY	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial	
ENVIROSAFE SERVICES OF OHIO, INC.	OREGON , OH	Petroleum Contaminated Soil Hazardous Industrial/Commercial	
EQ DETROIT, INC (US ECOLOGY DETROIT SOUTH)	DETROIT , MI	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires Hazardous Industrial/Commercial Waste Oil	
EQ MICHIGAN DISPOSAL, INC.	BELLEVILLE , MI	Petroleum Contaminated Soil Hazardous Industrial/Commercial	
ESMI of New York	Fort Edward , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Hazardous Industrial/Commercial	
EVOQUA WATER TECHNOLOGIES, LLC	DARLINGTON , PA	Non-Hazardous Industrial/Commercial	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

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AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
FRANK E. VAN LARE WWTP	ROCHESTER , NY	Non-Hazardous Industrial/Commercial Grease Trap Waste Septage only (residential) Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
FREEHOLD CARTAGE, INC.	FREEHOLD , NJ	Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil	10-DAY TRANSFER 10-DAY TRANSFER 10-DAY TRANSFER
FULTON (C) WPCP	FULTON , NY	Non-Hazardous Industrial/Commercial Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
Fulton County Landfill	Johnstown , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
Generate Buffalo Digester, LLC	West Seneca , NY	Non-Hazardous Industrial/Commercial	
Generate Niagara Digester, LLC	Wheatfield , NY	Non-Hazardous Industrial/Commercial	
Green Ridge RDF	Gansevoort , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires Hazardous Industrial/Commercial Waste Oil	
HARBISON BROS, INC.	BUFFALO , NY	Non-Hazardous Industrial/Commercial	
High Acres Western Expansion Landfill	Fairport , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil	
Honeywell/Camillus Bed #15 C&D	Syracuse , NY	Non-Hazardous Industrial/Commercial	
HYDRODEC NORTH AMERICA, LLC	CANTON , OH	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Waste Oil	
Hyland Landfill	Angelica , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

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AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
Industrial Oil Tank Used Oil Storage Facility	Oriskany , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Waste Oil	
LAKEVIEW LANDFILL	ERIE , PA	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires	
LEWISTON MASTER SD	LEWISTON , NY	Non-Hazardous Industrial/Commercial	
Ley Creek TS	Liverpool , NY	Non-Hazardous Industrial/Commercial	
Li-Cycle, Inc.	Rochester , NY	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Universal Waste	
LICYCLE	WEBSTER , NY	Non-Hazardous Industrial/Commercial	
MEDINA (V) WWTP	MEDINA , NY	Non-Hazardous Industrial/Commercial Grease Trap Waste Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
METROPOLITAN SYRACUSE WWTP	SYRACUSE , NY	Non-Hazardous Industrial/Commercial Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
MICHIGAN DISPOSAL WASTE TREATMENT PLANT	BELLEVILLE , MI	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires Hazardous Industrial/Commercial Waste Oil	
Mill Seat SLF	Riga , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
MINETTO SD WPCP	MINETTO , NY	Non-Hazardous Industrial/Commercial	
MODERN LANDFILL	YORK , PA	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
Modern Landfill, Inc.	Model City , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Waste Tires	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

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AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
NOCO Energy Corporation-Tonawanda	Tonawanda , NY	Non-Hazardous Industrial/Commercial Waste Oil	
NORLITE, LLC	COHOES , NY	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Waste Oil	
Oneida-Herkimer Solid Waste Authority - Leland Ave. Ext.	Utica , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires Waste Oil	
Oneida-Herkimer Western Transfer Station	Rome (C) , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires Waste Oil	
Onondaga County Resource Recovery Facility	Jamesville , NY	Non-Hazardous Industrial/Commercial	
ONONDAGA COUNTY WASTEWATER TREATMENT PLANT	SYRACUSE , NY	Grease Trap Waste	
Ontario County Sanitary Landfill	Stanley , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
OSWEGO (C) EAST SIDE WWTF	OSWEGO , NY	Non-Hazardous Industrial/Commercial	
OSWEGO (C) WEST SIDE WWTF	OSWEGO , NY	Non-Hazardous Industrial/Commercial Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
Oswego County Energy Recovery Facility	Fulton , NY	Non-Hazardous Industrial/Commercial Waste Oil	
ROME MUNICIPAL STP	ROME , NY	Non-Hazardous Industrial/Commercial Grease Trap Waste	incl. Yellow Grease
ROSS ENVIRONMENTAL SERVICES, INC.	GRAFTON , OH	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil	
Safety-Kleen	Buffalo , NY	Non-Hazardous Industrial/Commercial	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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CONTACT NAME:	MATTHEW A. NOTARO	EFFECTIVE DATE:	03/02/2023
COUNTY:	ONONDAGA	EXPIRATION DATE:	**08/25/2023**
TELEPHONE NO:	(315)218-6995	US EPA ID NUMBER:	NYR000176958

AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
Safety-Kleen	Buffalo , NY	Hazardous Industrial/Commercial Waste Oil	
Seneca Meadows LF	Waterloo , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Waste Tires Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
SOLVENTS & PETROLEUM SERVICE	SYRACUSE , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil Universal Waste	
SUNNKING, INC.	BROCKPORT , NY	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Universal Waste	
SUNNKING-BUFFALO FACILITY	BUFFALO , NY	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Universal Waste	
Synergy Biogas Plant	Covington , NY	Non-Hazardous Industrial/Commercial	
TCI of NY LLC	Coeymans , NY	Non-Hazardous Industrial/Commercial Hazardous Industrial/Commercial Waste Oil	elec. units/transit only elec. units/transit only
TONAWANDA (T) LANDFILL	TONAWANDA , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil	
UNIVAR SOLUTIONS (FORMERLY NEXEO SOLUTIONS LLC)	BINGHAMTON , NY	Non-Hazardous Industrial/Commercial Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil Universal Waste	
VEOLIA ES TECHNICAL SOLUTIONS	FLANDERS , NJ	Non-Hazardous Industrial/Commercial	

*** AUTHORIZED WASTE TYPES BY DESTINATION FACILITY LISTING (continued on next page) ***

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AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
VEOLIA ES TECHNICAL SOLUTIONS	FLANDERS , NJ	Hazardous Industrial/Commercial	
VEOLIA ES TECHNICAL SOLUTIONS, LLC	TONAWANDA , NY	Petroleum Contaminated Soil	10-DAY TRANSFER
		Hazardous Industrial/Commercial	10-DAY TRANSFER
		Waste Oil	10-DAY TRANSFER
VEOLIA ES TECHNICAL SOLUTIONS, LLC	WEST CARROLLTON , OH	Non-Hazardous Industrial/Commercial	
		Hazardous Industrial/Commercial	
VEOLIA ES TECHNICAL SOLUTIONS, LLC	SCHENECTADY , NY	Petroleum Contaminated Soil	10-DAY TRANSFER
		Hazardous Industrial/Commercial	10-DAY TRANSFER
		Waste Oil	10-DAY TRANSFER
VEXOR TECHNOLOGY, INC	MEDINA , OH	Non-Hazardous Industrial/Commercial	
		Asbestos	
		Petroleum Contaminated Soil	
		Hazardous Industrial/Commercial	
		Waste Oil	
VICKERY ENVIRONMENTAL, INC.	VICKERY , OH	Non-Hazardous Industrial/Commercial	
		Asbestos	
		Petroleum Contaminated Soil	
		Waste Tires	
		Hazardous Industrial/Commercial	
		Waste Oil	
VLS SOLUTIONS, LLC	LANCASTER , PA	Non-Hazardous Industrial/Commercial	
		Petroleum Contaminated Soil	
		Hazardous Industrial/Commercial	
		Waste Oil	
WASTE MANAGEMENT AMERICAN	WAYNESBURG , OH	Non-Hazardous Industrial/Commercial	
		Asbestos	
		Petroleum Contaminated Soil	
WATERTOWN (C) WPCP	WATERTOWN , NY	Non-Hazardous Industrial/Commercial	
		Grease Trap Waste	
		Septage only (residential)	
		Non-Residential Raw Sewage or Sewage-Contaminated Wastes	
WAYNE DISPOSAL, INC	BELLEVILLE , MI	Non-Hazardous Industrial/Commercial	

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AUTHORIZED WASTE TYPES BY DESTINATION FACILITY: (Continued)
The Permittee is Authorized to Transport the Following Waste Type(s) to the Destination Facility listed :

Destination Facility	Location	Waste Type(s)	Note
WAYNE DISPOSAL, INC	BELLEVILLE , MI	Asbestos Petroleum Contaminated Soil Hazardous Industrial/Commercial	
WETZEL ROAD WWTP	LIVERPOOL , NY	Non-Hazardous Industrial/Commercial	
Wheelabrator Hudson Falls	Hudson Falls , NY	Non-Hazardous Industrial/Commercial	
WMNY - Avion Drive	Rochester , NY	Non-Hazardous Industrial/Commercial Petroleum Contaminated Soil Hazardous Industrial/Commercial Waste Oil Universal Waste	

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AUTHORIZED VEHICLES:
The Permittee is Authorized to Operate the Following Vehicles to Transport Waste:

(Vehicles enclosed in <>'s are authorized to haul Residential Raw Sewage and/or Septage only)

41 (Forty One) Permitted Vehicle(s)

NY 10398PF
NY 1605D5
NY 19131MK
NY 19197PF
NY 19931ND
NY 20005PF
NY 20382MJ
NY 20386MJ
NY 20387MJ
NY 2219D8
NY 22932NC
NY 2314D6
NY 2580D6
NY 2581D6
NY 3044C4
NY 31258PF
NY 3137D7
NY 3138D7
NY 3139D7
NY 31495PF
NY 35591MC
NY 3834C1
NY 51531MN
NY 51899MN
NY 54780PC
NY 54781PC
NY 64928PC
NY 69916PC
NY 78213MM
NY 79919PC
NY 84411PC
NY 85268MN
NY 96692ML
NY AW95693
NY BK95778
NY BK95780
NY BK95781
NY BK95782
NY BT46302
NY BT46395
NY BU82730
End of List

J.2. Non-Hazardous Soil Disposal Documentation (Seneca Meadows)

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00868326	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/30/23	03/30/23	09:07	10:01 ✓	A26	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 114180 LB
Scale 3 Tare Wt. 40580 LB TRUCK EXPIRES / /
Net Weight 73600 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.80	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-50

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWOT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

1. Appr: SE-22-270 (Non-hazardous soil)

DESIGNATED FACILITY

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Haviland — Signature — Month 03 Day 30 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin J Decker — Signature — Month 03 Day 30 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month 3 Day 30 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-50

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemen Road, Waterloo
Facility's Phone: 315 539-5624 - Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil) Plate # NY2807D7
CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Copeland
Signature:
Month: 03 Day: 30 Year: 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin J Decker
Signature:
Month: 03 Day: 30 Year: 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY
17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00868327	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/30/23	03/30/23	09:09	10:03	A40	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 127580 LB
Scale 3 Tare Wt. 39240 LB TRUCK EXPIRES / /
Net Weight 88340 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
44.17	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-51

HAULER: 7470 T J ALLEN
ROUTE: 1 HOME

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWTF TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

Approval SE-22-270 (Non-hazardous soil)

March 31 23

CESR WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland — Signature — Month 03 Day 30 Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan Decker — Signature — Month 03 Day 30 Year 23
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
17b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Christopher Angelo — Signature — Month 3 Day 30 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-53

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil) Plate# 321707
CES: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gaudet — Signature — Month: 03 Day: 30 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ryan Decker — Signature — Month: 03 Day: 30 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Peter Furgele — Signature — Month: 3 Day: 30 Year: 23

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRIE	WEIGHMASTER
01	00868528	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/30/23	03/30/23	12:58	14:03 ✓	A26	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 128520 LB
Scale 3 Tare Wt. 40380 LB TRUCK EXPIRES / /
Net Weight 88140 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
44.07	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-52

HAULER: 7470 T J ALLEN
ROUTE: 1 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWGTT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. Appt#: SE-22-270 (Non-hazardous soil) [illegible]

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gerland — Signature — Month 03 Day 30 Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kevin J Decker — Signature — Month 03 Day 30 Year 23
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: J Mastrangelo — Signature — Month 3 Day 30 Year 23

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		341-52

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Rosad, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil) Plate# 280787
CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 03 Day 30 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin Decker — Signature — Month 03 Day 30 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00868529	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
03/30/23	03/30/23	13:00	14:04	A40	

REFERENCE	Details
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 122000 LB
Scale 3 Tare Wt. 39120 LB TRUCK EXPIRES / /
Net Weight 82880 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
41.44	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-53

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

1. Appt#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edie Freeland | Signature | Month 03 | Day 30 | Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan Decker | Signature | Month 03 | Day 30 | Year 23
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Michael Vanderlaan | Signature | Month 3 | Day 30 | Year 23

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-52

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165

U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil) Gate # NY 321787
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edwin Espinal — Signature — Month: 03 Day: 30 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ryan Dekas — Signature — Month: 03 Day: 30 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00882208	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/23	05/08/23	09:12	09:41	TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 133700 LB
Scale 3 Tare Wt. 39700 LB TRUCK EXPIRES / /
Net Weight 94000 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
47.00	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-54

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

WWGT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

1. App#: SE-22-270 (Non-hazardous soil)

Plate# NY2568C4

CES: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edina Gerlanc | Signature | Month: 05 | Day: 08 | Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: T J Allen | Signature | Month: 5 | Day: 5 | Year: 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Lisa Taylor | Signature | Month: 5 | Day: 8 | Year: 23

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-54

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salaman Roaad, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165

U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Profile # NY2568C4
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 05 Day 08 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 5 Day 8 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00882268	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/23	05/08/23	10:20	10:58	A31	

RESERVOIR	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 125420 LB
Scale 3 Tare Wt. 39640 LB TRUCK EXPIRES / /
Net Weight 85780 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
42.89	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-55

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWGTI TO RECRDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

Plate #NY1151AS

CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sabrina Lenhart | Signature | Month 05 | Day 08 | Year 23

INTL
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Chris Tabor | Signature | Month 5 | Day 8 | Year 23

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Greg Taylor | Signature | Month 5 | Day 8 | Year 23

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM- 55

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemen Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE-22-270 (Non-hazardous soil)
Plate #NY1151A5
CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 05 Day 08 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Chris. Taylor — Signature — Month 5 Day 8 Year 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Chris Taylor — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	WGHT	WEIGHMASTER
01	00882267	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/08/23	05/08/23	10:18	10:51	√ TJ-29	

REGISTRATION	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 154560 LB
Scale 3 Tare Wt. 40740 LB TRUCK EXPIRES / /
Net Weight 113820 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	SEC	TOTAL
56.91	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-56

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWW.TO REORDER FORMS PLEASE VISIT WWW.WASTEFORMS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

Plate # NY23986

DESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edwin Gaylord — Signature: — Month 5 Day 8 Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Gaudin — Signature: — Month 5 Day 8 Year 23
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Eric Taylor — Signature: — Month 5 Day 8 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-56

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Roaad, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	x x1	DT	EST. 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Plate # NY239806
CESI: WILMJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland — Signature: — Month: 5 — Day: 8 — Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudin — Signature: Gregory Gaudin — Month: 5 — Day: 8 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Eric Taylor — Signature: — Month: 5 — Day: 9 — Year: 23

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGH-MASTER
01	00882649	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/09/23	05/09/23	08:54	09:28	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 133180 LB
Scale 3 Tare Wt. 40680 LB TRUCK EXPIRES / /
Net Weight 92500 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
46.25	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-57

HAULER: 7470 T J ALLEN
ITEM: 1 - NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NOTE: TO REORDER FORMS PLEASE VISIT WWW.WASTEINFO.COM

SIGNATURE

Plate # NY2398D6

DESIGNATED FACILITY

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gerlund — Signature — Month 5 Day 9 Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Gaudin — Signature — Month 5 Day 9 Year 23
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: [illegible] — Signature — Month 5 Day 9 Year 23

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-57

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Roaad, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	XXI	DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Plate# NY2398D6
CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Courland — Signature — Month: 5 Day: 9 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudin — Signature — Month: 5 Day: 9 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHTMASTER
01	00882805	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/09/23	05/09/23	11:40	12:13	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 113160 LB
Scale 3 Tare Wt. 40520 LB TRUCK EXPIRES / /
Net Weight 72640 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.32	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-58

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWW.TO RECYCLER FORMS PLEASE VISIT WWW.WASTEORDERS.COM SIGNATURE

1 Appl: SE-22-270 (Non-hazardous soil)

Plate#NY239816

CES: WILMUHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Freeland | Signature | Month 5 | Day 9 | Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Gaudin | Signature | Month 05 | Day 09 | Year 23
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name | Signature | Month 5 | Day 10 | Year 23

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-58

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	XX1	DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Plate# NY2398D6
CESI: WILMJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month: 5 Day: 9 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudin — Signature: [signature] — Month: 05 Day: 09 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00883527	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/11/23	05/11/23	08:26	09:00	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 2 Gross Wt. 111460 LB
Scale 3 Tare Wt. 40660 LB TRUCK EXPIRES / /
Net Weight 70800 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.40	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-59

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

WWW.TO REORDER FORMS PLEASE VISIT WWW.WASTEXCHG.COM

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK NO

1 Appl#: SE-22-270 (Non-hazardous soil)

GEN. WILMER

Plate# 2398D6

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland — Signature — Month 05 Day 11 Year 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Gaudin — Signature — Month 05 Day 11 Year 23
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month 5 Day 11 Year 23

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-59

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salomon Road, Waterloo
Facility's Phone: 315 539-3624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1x1	DT	EST. 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
CESI: WILM-JHER
Plate# 2313D6

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gaudet — Signature: [signature] — Month: 05 Day: 11 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudin — Signature: [signature] — Month: 05 Day: 11 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00883708	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/11/23	05/11/23	12:03	12:03 ✓	TJ29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Manual Gross Wt. 121860 LB
Scale 3 Tare Wt. 40480 LB TRUCK EXPIRES / /
Net Weight 81380 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
40.69	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-68

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWCTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. Appt#: SE-22-270 (Non-hazardous soil)

CESR: WILMSHER

License plate 2398D6

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gearlands — Signature — Month 05 Day 11 Year 23

INTL
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Gaudin — Signature — Month 05 Day 11 Year 23
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name — Signature — Month 5 Day 11 Year 23

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not Required
2. Page 1 of: 1
3. Emergency Response Phone:
4. Waste Tracking Number: SYR-68

GENERATOR

5. Generator's Name and Mailing Address
Lindbergh Corporation
88 Joseph Road, Wilmington, MA 01887
978-658-4888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Lindbergh - Warehouse
153 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Main Haul Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	4X1	DT	65T 37	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1. Appt: 35-12-279 (Non-hazardous soil)
License plate 2398DL
CESR WILMINGTON

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name:
Signature:
Month: 05 Day: 11 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Gaudin
Signature:
Month: 05 Day: 11 Year: 13
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: Day: Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888107	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	08:28	09:00	A26	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 120840 LB
Scale 3 Tare Wt. 40500 LB TRUCK EXPIRES / /
Net Weight 80340 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.17	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-061

HAULER: 7470 T J ALLEN
ROUTE: 1-NOWE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone:	4. Waste Tracking Number: SM-061

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 70 North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemen Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	1	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SF-07-370 (Non-hazardous soil)
Plate # 280717
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Moreland — Signature — Month: 5 Day: 24 Year: 13

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kurt Decker — Signature — Month: 5 Day: 24 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Sara Taylor — Signature — Month: 5 Day: 24 Year: 13

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888134	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	09:03	09:35	TJ-25	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 113280 LB
Scale 3 Tare Wt. 41200 LB TRUCK EXPIRES / /
Net Weight 72080 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.04	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-063

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		VM-063

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
Plate # 215018
CESF WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Guerlain
Signature:
Month: 5 Day: 24 Year: 23

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ronald Evans Jr
Signature: Ronald Evans Jr
Month: 5 Day: 24 Year: 23

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sara Taylor
Signature:
Month: 5 Day: 24 Year: 23

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888119	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	08:45	09:18	A27	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 118640 LB
Scale 3 Tare Wt. 39460 LB TRUCK EXPIRES / /
Net Weight 79180 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.59	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-062

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWST TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM - 062

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
Generator's Phone: 978-658-8888

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemen Roaad, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165

U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	40	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Plate # 239DG
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gerlund — Signature — Month 5 Day 24 Year 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 5 Day 24 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sara Taylor — Signature — Month 5 Day 24 Year 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	SCALE	OPERATOR
01	00888312	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	12:08	12:36	TJ-25	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 128660 LB
Scale 3 Tare Wt. 41040 LB TRUCK EXPIRES / /
Net Weight 87620 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
43.81	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-69

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-69

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salesman Road, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Plate# NY215018
CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edward Gardner
Signature:
Month: 5 Day: 24 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ronald Evans Jr
Signature:
Month: 5 Day: 24 Year: 23

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY'S COPY

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888293	WE	GABRIELLA-M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	11:49	12:23	A27	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 117060 LB
Scale 3 Tare Wt. 39260 LB TRUCK EXPIRES / /
Net Weight 77800 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
38.90	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-68

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-68

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
Plate # NY 239056
CES: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: Colin Gaylord
Signature:
Month: 5 Day: 24 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: GREG ELLINGER
Signature:
Month: 5 Day: 24 Year: 23
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY'S COPY

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

01	00888263	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	11:15	11:49	A26	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 126500 LB
Scale 3 Tare Wt. 39820 LB TRUCK EXPIRES / /
Net Weight 86680 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
43.34	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-67

*: 7470 T J ALLEN
1-NONF

SE VISIT WWW.WASTEWORKS.COM SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-67

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Roaad, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
Plate#NY280707
CESE WILMINGTON

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Granlund
Signature:
Month: 5 Day: 24 Year: 23

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin J Decker
Signature:
Month: 5 Day: 24 Year: 23

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY
17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sara Taylor
Signature:
Month: 5 Day: 24 Year: 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888242	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	10:57	11:36	TJ-36	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 124720 LB
Scale 3 Tare Wt. 38620 LB TRUCK EXPIRES / /
Net Weight 86100 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
43.05	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-66

HAULER: 7470 T J ALLEN
ROUTE: LANDFILL

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not Required
2. Page 1 of: 1
3. Emergency Response Phone:
4. Waste Tracking Number: SM-66

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
Plate# 311507
CESE WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: Edline Fortune
Signature:
Month: 5 Day: 24 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of Entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TODD WESTCOTT
Signature:
Month: 5 Day: 24 Year: 23
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Sara Taylor
Signature:
Month: 5 Day: 24 Year: 23

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

OTR	TICKET	GRID	WEIGHMASTER
01	00888220	WE	LYDIA

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	10:40	11:14	A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 116600 LB
Scale 3 Tare Wt. 39100 LB TRUCK EXPIRES / /
Net Weight 77500 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
38.75	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-65

HAULER: 7470 T J ALLEN
ROUTE: 1 -NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-65

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salcman Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SF-22-278 (Non-hazardous soil)
Plate #NY115705
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland — Signature — Month: 5 Day: 24 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Christopher Tanner — Signature — Month: 5 Day: 24 Year: 23
Transporter 2 Printed/Typed Name — Signature — Month: Day: Year:

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

DESIGNATED FACILITY

Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sara Taylor — Signature — Month: 5 Day: 24 Year: 23

O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888207	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/24/23	05/24/23	10:22	10:57	TJ-28	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 120400 LB
Scale 3 Tare Wt. 38620 LB TRUCK EXPIRES / /
Net Weight 81780 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.89	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-064

HAULER: 7470 T J ALLEN
ROUTE: 1-MOVE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-064

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
413 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	2	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Plate # NY 327657
CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gramlich — Signature — Month 5 Day 24 Year 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Rich Cross — Signature — Month 5 Day 24 Year 13
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Sara Taylor — Signature — Month 5 Day 24 Year 13

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

01	00888568	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/25/23	05/25/23	08:10	08:41	TJ-36	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 97360 LB
Scale 3 Tare Wt. 38960 LB TRUCK EXPIRES / /
Net Weight 58400 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.20	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-70

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

VISIT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-70

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE-22-270 (Non-hazardous soil)
Plate#NY3115D7
CES: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Sabino Gerland — Signature — Month: 5 Day: 25 Year: 23

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Todd Westrom — Signature — Month: 05 Day: 25 Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888581	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/25/23	05/25/23	08:26	09:00	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 116680 LB
Scale 3 Tare Wt. 39100 LB TRUCK EXPIRES / /
Net Weight 77580 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
38.79	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-71

HAULER: 7470 T J ALLEN
ROUTE: 1-MOVE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-71

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemen Rosad, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165

U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT		T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
Plate#W239406
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Garland — Signature — Month: 5 Day: 25 Year: 23

GENERATOR

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kurt Hemelius — Signature — Month: 5 Day: 25 Year: 23

Transporter 2 Printed/Typed Name: Kurt Hemelius — Signature — Month: 5 Day: 25 Year: 23

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month: 5 Day: 25 Year: 23

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DESIGNATED FACILITY'S COPY

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888607	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/25/23	05/25/23	08:47	09:21	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 114880 LB
Scale 3 Tare Wt. 40680 LB TRUCK EXPIRES / /
Net Weight 74200 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.10	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-72

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-72

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-3624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	XX1	DT	EST. 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE-22-270 (Non-hazardous soil)
Plate#NY2398D6
CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Eastland
Signature:
Month: 5 Day: 25 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudin
Signature: Greg Gaudin
Month: 05 Day: 25 Year: 22

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

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DESIGNATED FACILITY'S COPY

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00888682	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/25/23	05/25/23	10:41	11:09	TJ-36	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 123320 LB
Scale 3 Tare Wt. 38860 LB TRUCK EXPIRES / /
Net Weight 84460 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
42.23	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-73

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWTT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-73.

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE 22-270 (Non-hazardous soil)
Plate #NY3125D7
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gaulin
Signature:
Month: 5 Day: 25 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Todd Weston
Signature:
Month: 05 Day: 25 Year: 23

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 5 Day: 25 Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

01	00888706	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/25/23	05/25/23	11:06	11:40	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 121620 LB
Scale 3 Tare Wt. 38960 LB TRUCK EXPIRES / /
Net Weight 82660 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
41.33	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-74

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-74

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-0888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-5324 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	EST 38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appt: SE-22-270 (Non-hazardous soil)
Plate# NY239456
CESI: WILMJHER

INT'L

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edvin Martinez
Signature:
Month: 5 Day: 25 Year: 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin Hanley
Signature:
Month: 5 Day: 25 Year: 22

Transporter 2 Printed/Typed Name: Robert Chevalier
Signature:
Month: 5 Day: 25 Year: 22

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 5 Day: 25 Year: 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	VERIFIED BY
01	00888718	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/25/23	05/25/23	11:25	11:59	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 120220 LB
Scale 3 Tare Wt. 40580 LB TRUCK EXPIRES / /
Net Weight 79640 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.82	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-75

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWIT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-75

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	est. 38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Plate# NY239806
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland
Signature:
Month: 5 Day: 25 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudin
Signature:
Month: 05 Day: 25 Year: 23

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GMD	WEIGHMASTER
01	00889163	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/26/23	05/26/23	11:05	11:05	TJ-25	

REFERENCE	ORIGIN
SE-23-119	ONONDAGA

Manual Gross Wt. 111780 LB
Manual Tare Wt. 41180 LB TRUCK EXPIRES / /
Net Weight 70600 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.30	TON	B/R-CONTAM SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-78

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6TI TO RECRDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-78

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Rozad, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	EST 38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE-22-270 (Non-hazardous soil)
Plate# NY 225DD
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland
Signature:
Month: 5 Day: 26 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ronald Evans Jr
Signature:
Month: 5 Day: 26 Year: 23

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	UNIT	WEIGHMASTER
01	00889160	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/26/23	05/26/23	11:02	11:02	TJ-16	

REFERENCE	ORIGIN
SE-23-119	ONONDAGA

Manual Gross Wt. 123800 LB
Manual Tare Wt. 39060 LB TRUCK EXPIRES / /
Net Weight 84740 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
42.37	TON	B/R-CONTAM SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-77

HAULER: 7470 T J ALLEN
ROUTE: LAKE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-77

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	EST 38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
Page
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland — Signature — Month: 5 Day: 26 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Lewellen Jr — Signature — Month: 5 Day: 26 Year: 23

Transporter 2 Printed/Typed Name: Robert Lewellen Jr — Signature — Month: 5 Day: 26 Year: 23

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible] — Signature — Month: 5 Day: 26 Year: 23

Seneca Meadows Landfill
1786 Seneca Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00889173	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/26/23	05/26/23	11:11	11:11	TJ-36	

REFERENCE	ORIGIN
SE-23-119	ONONDAGA

Manual Gross Wt. 109060 LB
Manual Tare Wt. 38980 LB TRUCK EXPIRES / /
Net Weight 70080 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.04	TON	B/R-CONTAM SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-76

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SA-76

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemen Rosad, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165

U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	EST. 38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
Plate# NY3115D7
CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland — Signature — Month: 5 — Day: 26 — Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Todd Wescott — Signature — Month: 5 — Day: 26 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Dave Tucker — Signature — Month: 5 — Day: 26 — Year: 23

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

01	00889838	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/30/23	05/30/23	08:58	09:33	A26	

REFERENCE	ORIGIN
SE-23-119	ONONDAGA

Scale 1 Gross Wt. 124180 LB
Scale 3 Tare Wt. 40460 LB TRUCK EXPIRES / /
Net Weight 83720 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
41.86	TON	B/R-CONTAM SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-79

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1		SM-79

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Rd., Wilmington, MA 01887
(978) 658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North St., Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
NOT REQUIRED

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salcman Rd., Waterloo, NY 13165
(315) 539-9334
Facility's Phone:
U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt/Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous soil)	1	DT	EST 38	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1: Appl# SE-22-270
JHENG
Plate #NY280707

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Brian Mwaikinie	Brian Mwaikinie	5	30	23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Kevin T Decker	Kevin T. Decker	5	30	23
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)	Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00889839	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/30/23	05/30/23	08:59	09:35	TJ16	

REFERENCE	ORIGIN
SE-23-119	ONONDAGA

Scale 1 Gross Wt. 134800 LB
Scale 3 Tare Wt. 38480 LB TRUCK EXPIRES / /
Net Weight 96320 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
48.16	TON	B/R-CONTAM SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-80

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1		SM-80

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Joseph Rd., Wilmington, MA 01887
Generator's Phone: (978) 658-8888

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North St., Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC

U.S. EPA ID Number
NOT REQUIRED

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Rd., Waterloo, NY 13165
Facility's Phone: (315) 539-9324

U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous soil)	1	DT	EST 38	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1: App# SE-22-270 JHERBIG
Plate# NY2394D6

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Brian Muscchio | Signature: Brian Muscchio | Month: 5 | Day: 30 | Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Mundell | Signature: Robert Mundell | Month: 5 | Day: 30 | Year: 22

Transporter 2 Printed/Typed Name: Robert Mundell | Signature: Robert Mundell | Month: 5 | Day: 30 | Year: 22

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00889961	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
05/30/23	05/30/23	11:43	12:14	TJ16	

REFERENCE	ORIGIN
SE-23-119	ONONDAGA

Scale 1 Gross Wt. 139800 LB
Scale 3 Tare Wt. 38400 LB TRUCK EXPIRES / /
Net Weight 101400 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
50.70	TON	B/R-CONTAM SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-81

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

TJ 10

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NOT REQUIRED	1		SM-81

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Joseph Rd., Wilmington, MA 01887
(978) 658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North St., Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
NOT REQUIRED

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Rd., Waterloo, NY 13165
(315) 539-9234
Facility's Phone:
U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous soil)	1	DT	EST 38	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1: Appl# SE-22-270
JHENSS
Plate# NY2394D6

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Brian Mucchio
Signature: Brian Mucchio
Month: 5 Day: 30 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robert Mucchio
Signature: Robert Mucchio
Month: 5 Day: 30 Year: 23

Transporter 2 Printed/Typed Name: T.J. Allen (Carroll)
Signature: Matt Wagner
Month: 5 Day: 30 Year: 23

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHTMASTER
01	00817110	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/25/22	10/25/22	08:55	10:37	TJ-36	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 120640 LB
Scale 3 Tare Wt. 39220 LB TRUCK EXPIRES / /
Net Weight 81420 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.71	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-1

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

VWoTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: RICK MONTGOMERY Signature: [signature] Month: 10 Day: 25 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: GREGORY GAUDIN Signature: [signature] Month: 10 Day: 25 Year: 22
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: RICK MONTGOMERY Signature: [signature] Month: 10 Day: 25 Year:

169-BLC-O 5 11977 (Rev. 9/05) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-1

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
182 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Rolls Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloon
Facility's Phone: 315 539-5224 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SF-22-218 (Non-hazardous soil)
CSR: WILMER

INT'L

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 10 | Day 25 | Year 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 10 | Day 25 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHTMASTER
01	00817122	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/25/22	10/25/22	09:16	10:58	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 102960 LB
Scale 3 Tare Wt. 38780 LB TRUCK EXPIRES / /
Net Weight 64180 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.09	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-2

HAULER: 7470 T J ALLEN
ROUTE: 1 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CES: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature — Month 10 Day 25 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Josh Gruby — Signature — Month 10 Day 25 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Montgomery — Signature — Month 10 Day 25 Year

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-2

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-2888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
PLT (NY) 34406

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-9324 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 38	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: BE-22-270 (Non-hazardous soil)
CES: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery
Signature:
Month: 10 Day: 25 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Josh Gray
Signature:
Month: 10 Day: 25 Year: 22

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Rick Montgomery
Signature:
Month: 10 Day: 25 Year: 22

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817128	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/25/22	10/25/22	09:22	10:47	A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 113180 LB
Scale 3 Tare Wt. 39040 LB TRUCK EXPIRES / /
Net Weight 74140 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.07	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-3

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

(WWGT) TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery | Signature | Month: 10 | Day: 25 | Year: 22

INTL
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name | Signature | Month | Day | Year
Transporter 2 Printed/Typed Name: Adam Bennett | Signature: Adam Bennett | Month: 10 | Day: 25 | Year: 22

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name | Signature | Month: 10 | Day: 25 | Year: 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Not Required	1		SM-3

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

Platc: (NY)
115105

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC

U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salesman Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165

U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl. SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kim Montgomery
Signature:
Month: 10 Day: 25 Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name:
Signature:
Month: Day: Year:

Transporter 2 Printed/Typed Name: Adam Bennett
Signature: Adam Bennett
Month: 10 Day: 25 Year: 22

DESIGNATED FACILITY
17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817314	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/25/22	10/25/22	12:39	13:29	TJ-36	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 124620 LB
Scale 3 Tare Wt. 38980 LB TRUCK EXPIRES / /
Net Weight 85640 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
42.82	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-4

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: K Mott — Signature: Rick Montgomery — Month 10 Day 25 Year 22

INTL
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Gauthier — Signature: Gregg Gauthier — Month 10 Day 25 Year 22
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Kristy Hupp — Signature: — Month 10 Day 25 Year 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		[illegible]

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
NY (NY)
11507

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salenan Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	5-7 5-9	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Profile: SE-22-275 (Non-hazardous soil)
GESE WILMINGTON

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year
10 | 25 | 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year
10 | 25 | 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817328	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/25/22	10/25/22	12:53	13:20 ✓	A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 116240 LB
Scale 3 Tare Wt. 38860 LB TRUCK EXPIRES / /
Net Weight 77380 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
38.69	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-5

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery | Signature | Month: 10 | Day: 25 | Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name | Signature | Month | Day | Year
Transporter 2 Printed/Typed Name: Adam Bennett | Signature: Adam M. Bennett | Month: 10 | Day: 25 | Year: 22

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Gillastrupp | Signature | Month: 10 | Day: 25 | Year: 22

169-BLC-O 5 1197(Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SAT-5

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

plot (NY) 15105

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC

U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salaman Road, Waterloo
Facility's Phone: 315 539-4624 Waterloo, NY 13165

U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		OT	54 34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eric Wilmjher
Signature:
Month: 10 Day: 25 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name:
Signature:
Month: Day: Year:

Transporter 2 Printed/Typed Name: Adam Bennett
Signature: Adam M Bennett
Month: 10 Day: 25 Year: 22

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHTMASTER
01	00817335	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/25/22	10/25/22	13:05	13:40	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 110420 LB
Scale 3 Tare Wt. 38600 LB TRUCK EXPIRES / /
Net Weight 71820 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.91	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-6

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature — Month: 10 Day: 25 Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Josh Crosby — Signature — Month: 10 Day: 25 Year: 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name — Signature — Month: 10 Day: 25 Year: 22

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-6

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Unifirst - Wilmington
153 7th North Street
Liverpool, NY 13088

plate (NY)
239406

6. Transporter 1 Company Name
TJ Allen Data Services, LLC

U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
Facility's Phone: 315 539-9024 Waterloo, NY 13165

U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)

CERT WILM-NER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 10 | Day 24 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 10 | Day 24 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817471	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	06:11	06:53	TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 121240 LB
Scale 3 Tare Wt. 39520 LB TRUCK EXPIRES / /
Net Weight 81720 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.86	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-7

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature — Month 10 Day 25 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tim DeRace — Signature — Month 11 Day 2 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name — Signature — Month 10 Day 26 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemann Road, Waterloo
Waterloo, NY 13165
Facility's Phone: 315 539 9339
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Solid)		DT	1	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Approval #E-23-270 (Non-hazardous solid)
CSR: WILMARTN

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ken Mahoney
Signature:
Month: 10 Day: 2 Year: 23

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim Dufour
Signature:
Month: 10 Day: 2 Year: 23

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817497	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	06:33	07:08	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 112620 LB
Scale 3 Tare Wt. 40240 LB TRUCK EXPIRES / /
Net Weight 72380 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.19	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-8

HAULER: 7470 T J ALLEN
ROUTE: 1 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

VW6TT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montcomery | Signature | Month: 10 | Day: 25 | Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan LaMarche | Signature | Month: 10 | Day: 25 | Year: 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-8

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
plc: (NY) 239806

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-9324 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	T-T 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Hamm Comm | Signature | Month: 10 | Day: 25 | Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ryan LaMunyon | Signature | Month: 10 | Day: 25 | Year: 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817467	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	06:07	06:50	TJ-25	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 125820 LB
Scale 3 Tare Wt. 41340 LB TRUCK EXPIRES / /
Net Weight 84480 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
42.24	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-9

HAULER: 7470 T J ALLEN
ROUTE: 1-MONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery | Signature | Month: 10 Day: 25 Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ronald Evans Jr | Signature | Month: 10 Day: 25 Year: 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name | Signature | Month: 10 Day: 26 Year: 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: 5AM-9

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Joseph Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
115 7th North Street
Liverpool, NY 13088
PWC (NY) 29752

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
Facility's Phone: 315 539-5634 Waterloo, NY 13165 — U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	54 39	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1. Appt: SE-22-270 (Non-hazardous soil)
CFSI: WILM-3HEN

INT'L

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ron McInerney — Signature — Month: 10 Day: 25 Year: 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	CAR	WEIGHMASTER
01	00817567	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	08:07	09:09 ✓	TJ-16	

REFERENCE	Origin
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 120660 LB
Scale 3 Tare Wt. 38740 LB TRUCK EXPIRES / /
Net Weight 81920 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.96	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-10

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGT! TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nick Montgomery | Signature | Month: 10 | Day: 26 | Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Josh Crosby | Signature | Month: 10 | Day: 26 | Year: 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name | Signature | Month: 10 | Day: 26 | Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-10

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
112 7th North Street
Liverpool, NY 13088
NLA (MY)
234106

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
Facility's Phone: 315 539 1624 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	54 34	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1. Appt: 8E-22-270 (Non-hazardous soil)
GEN: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year
10 | 26 | 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year
10 | 26 | 22

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817614	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	09:06	09:58	TJ-25	

RESIDENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 110360 LB
Scale 3 Tare Wt. 41160 LB TRUCK EXPIRES / /
Net Weight 69200 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.60	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-11

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

VISIT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. Appl: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery | Signature | Month: 10 | Day: 26 | Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ronald Evans Jr | Signature | Month: 10 | Day: 26 | Year: 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name | Signature | Month: 10 | Day: 26 | Year: 22

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: 5M-11

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

Not (NY) 247562

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	E-T 34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: 9E-22-270 (Non-hazardous soil)
CES: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery
Signature:
Month: 10 Day: 26 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ronald Evans Jr
Signature:
Month: 10 Day: 26 Year: 22

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817619	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	09:11	10:16	TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 111960 LB
Scale 3 Tare Wt. 39320 LB TRUCK EXPIRES / /
Net Weight 72640 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.32	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-12

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATU

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: RICK MONTGOMERY — Signature: [signature] — Month 10 Day 26 Year 22

INTL
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JIM D — Signature: [signature] — Month 10 Day 26 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name — Signature: [signature] — Month 10 Day 26 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		5M12

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Joseph Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Williston
193 Fifth North Street
Liverpool, NY 13088
plus (MP) 256 Bin 1

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salcmain Road, Waterloo
Facility's Phone: 315 539 9324 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-RCRA, Non-DOT Regulated Material (Non-hazardous Soil)		DT	54	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appt#: SE-22-270 (Non-hazardous soil)
CES: WILMJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 10 | Day 26 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 10 | Day 26 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month 10 | Day 27 | Year 22

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817640	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	09:31	10:30	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 114120 LB
Scale 3 Tare Wt. 40020 LB TRUCK EXPIRES / /
Net Weight 74100 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.05	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-13

HAULER: 7470 T J ALLEN
ROUTE: 1 - NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature — Month 10 Day 26 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan Leerthouser — Signature — Month 10 Day 26 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sara Taylor — Signature — Month 10 Day 26 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	4		SA-13

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Washington
143 7th North Street
Liverpool, NY 13088

6. Transporter 1 Company Name
TJ Aben Bulk Services, LLC

U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
Facility's Phone: 315 539-9339 Waterloo, NY 13165

U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	54 34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 10 | Day 26 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 10 | Day 26 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817722	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	11:13	12:31	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 112300 LB
Scale 3 Tare Wt. 38600 LB TRUCK EXPIRES / /
Net Weight 73700 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.85	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-14

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWGTI TO REORDER FORMS PLEASE VISIT trail information WORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature: R Montg — Month 10 Day 26 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Josh Gruby — Signature — Month 10 Day 26 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Sam Towle — Signature — Month 10 Day 26 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		5M-14

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 9th North Street
Liverpool, NY 13088

NY (NY)
2 59 406

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salcman Road, Waterloo
Facility's Phone: 315 539 5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22470 (Non-hazardous soil)
CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 10 Day 26 Year 12

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day 27 — Year 12

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817750	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	11:58	12:39	TJ-25	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 119380 LB
Scale 3 Tare Wt. 40980 LB TRUCK EXPIRES / /
Net Weight 78400 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.20	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-15

HAULER: 7470 T J ALLEN
ROUTE: 1 -NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGT: TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery | Signature | Month 10 | Day 26 | Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ronald Evans Jr | Signature | Month 10 | Day 26 | Year 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name | Signature | Month 10 | Day 26 | Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		[illegible]

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Unifirst - Wilmington
115 Zin North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ & Fen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
Facility's Phone: 315-539-9626 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
CESL WILMJIER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month: 10 Day: 26 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month: 10 Day: 26 Year: 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 10 Day: 26 Year: 22

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817758	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	12:09	12:48	✓ TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 114160 LB
Scale 3 Tare Wt. 39060 LB TRUCK EXPIRES / /
Net Weight 75100 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.55	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-16

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery | Signature: [signature] | Month 10 Day 26 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tim D | Signature: [signature] | Month 10 Day 26 Year 22
Transporter 2 Printed/Typed Name: | Signature: | Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Sara Taylor | Signature: [signature] | Month 10 Day 26 Year 22

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-16

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
plt (NY)
256224

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
Facility's Phone: 315 539-9626 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	54	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE-22-270 (Non-hazardous soil)
CES: WILMJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kirk Montgomery — Signature — Month: 10 — Day: 26 — Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817776	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	12:27	12:59	✓TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 120240 LB
Scale 3 Tare Wt. 39780 LB TRUCK EXPIRES / /
Net Weight 80460 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.23	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-17

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature — Month/Day/Year: 10/26/22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan Leuthauser — Signature — Month/Day/Year: 10/26/22
Transporter 2 Printed/Typed Name — Signature — Month/Day/Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month/Day/Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sara Taylor — Signature — Month/Day/Year: 10/26/22

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DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-17

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
plt (NY)
2398D6

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salem an Road, Waterloo
Facility's Phone: 315 539-5626 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
CESI: WILMINER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ryan Montgomery
Signature:
Month: 10 Day: 26 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ryan Montgomery
Signature:
Month: 10 Day: 26 Year: 22

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sara Taylor
Signature:
Month Day Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817873	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	14:37	15:11	TJ-25	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 121860 LB
Scale 3 Tare Wt. 40820 LB TRUCK EXPIRES / /
Net Weight 81040 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.52	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-18

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

/WOTT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

1. Appl: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

DESIGNATED FACILITY

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature — Month: 10 Day: 26 Year: 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ronald Evans Jr — Signature — Month: 10 Day: 26 Year: 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sara Taylor — Signature — Month: 10 Day: 26 Year: 22

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DESIGNATED FACILITY'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SAM - 14

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
112 Pitt North Street
Liverpool, NY 13088

(P-1-(4-2)
297502

6. Transporter 1 Company Name
CJ Allen Bulk Services, LLC

U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Creek, Waterloo
Facility's Phone: 315 539-9224 Waterloo, NY 13165

U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	9	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)

CESP WILM-HER

INT'L

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year
[illegible] | | 10 | 21 | 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year
Ronald Evon | | 10 | 22 | 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817880	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/26/22	10/26/22	14:52	15:26	TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 113120 LB
Scale 3 Tare Wt. 38980 LB TRUCK EXPIRES / /
Net Weight 74140 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.07	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-19

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGT! TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery | Signature: K Mont | Month 10 Day 26 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tim D | Signature | Month 10 Day 26 Year 22
Transporter 2 Printed/Typed Name | Signature | Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sara Taylor | Signature | Month 10 Day 26 Year 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not Required
2. Page 1 of: 1
3. Emergency Response Phone:
4. Waste Tracking Number:

5. Generator's Name and Mailing Address:
UniFirst Corporation
68 Joseph Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address):
UniFirst - Wilmington
1127b North Street
Liverpool, NY 13088

6. Transporter 1 Company Name: TJ Ultra Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Seneca Meadows Landfill
1786 Salemen Road, Waterloo
Facility's Phone: 315 539-9634 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT		T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
CESE WILMINGTON

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kevin Wilmarth
Signature:
Month: 10 Day: 26 Year: 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jim V
Signature:
Month: 10 Day: 26 Year: 22

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: Day: Year:

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00817985	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	06:36	07:12 ✓	TJ-29	

REFERENCE	ORDER
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 114700 LB
Scale 3 Tare Wt. 40760 LB TRUCK EXPIRES / /
Net Weight 73940 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.97	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-20

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE .....

1. Appl#: SE-22-270 (Non-Hazardous Soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery | Signature | Month 10 | Day 26 | Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan LeHouillier | Signature | Month 10 | Day 26 | Year 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name | Signature | Month | Day | Year 10/27/22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-20

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
112 7th North Street
Liverpool, NY 13088
p-t (LY)
234606

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemsen Road, Waterloo
Facility's Phone: 315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	F-T 34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature: [signature] — Month: 10 — Day: 26 — Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rick Montgomery — Signature: [signature] — Month: 10 — Day: 26 — Year: 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name — Signature — Month — Day — Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818110	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	09:16	09:59	TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 118420 LB
Scale 3 Tare Wt. 40040 LB TRUCK EXPIRES / /
Net Weight 78380 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.19	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-21

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

RECEIVED
TENDERED
CHANGE
CHECK NO

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature — Month: 10 Day: 26 Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ronald Evans Jr — Signature — Month: 10 Day: 26 Year: 22
Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name — Signature — Month: 10 Day: 27 Year: 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM - 21

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
117 7th North Street
Liverpool, NY 13088
PO: CLY
29252

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
Facility's Phone: 315 539-9626 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	FCT 29	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appt: 12-12-18 (Non-hazardous soil)
CSR: WILMER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 12 | Day 26 | Year 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 5 11977 (Rev. 9/09) TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818001	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	07:09	08:36	TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 109960 LB
Scale 3 Tare Wt. 38780 LB TRUCK EXPIRES / /
Net Weight 71180 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.59	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-22

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: RICK MONTGOMERY | Signature | Month 10 | Day 26 | Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TIM D | Signature | Month 10 | Day 26 | Year 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: RICK MONTGOMERY | Signature | Month 10 | Day 27 | Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: 5M72

GENERATOR

5. Generator's Name and Mailing Address:
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address):
Unifirst - Wilmington
153 Fifth North Street
Liverpool, NY 13088

NLT (NY)
25626CH

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
Facility's Phone: 315 539 9324 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	54	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appt: 08-22-22 (Non-hazardous soil)
CSR: WILMER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Tim Mountcastle
Signature:
Month: 10 Day: 26 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim B.
Signature:
Month: 10 Day: 26 Year: 22

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name:
Signature:
Month: 10 Day: 27 Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818049	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	08:10	08:56	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 107740 LB
Scale 3 Tare Wt. 38740 LB TRUCK EXPIRES / /
Net Weight 69000 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.50	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-22

HAULER: 7470 T J ALLEN
ROUTE: 3 -NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. Appr: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery — Signature — Month 10 Day 27 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Josh Lesky — Signature — Month 10 Day 27 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Rick Montgomery — Signature — Month Day Year

169-BLC-0 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-22

GENERATOR

5. Generator's Name and Mailing Address
Uniffirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978 658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Uniffirst - Wilmington
153 7th North Street
Liverpool, NY 13088
Plot (NY)
23746

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salisbury Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 35	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1 Appt: SE-22-270 (Non-hazardous soil)
CESI WEIGHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 10 | Day 27 | Year 22

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month 10 | Day 27 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818058	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	08:18	09:05	A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 117780 LB
Scale 3 Tare Wt. 39360 LB TRUCK EXPIRES / /
Net Weight 78420 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.21	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-23

HAULER: 7470 T J ALLEN
ROUTE: 1 NONE

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK NO

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Rick Montgomery		10	27	22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
Adam Bennett	Adam Bennett	10	27	22

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)		Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Rick Montgomery				

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SAT-23

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
153 7th North Street
Liverpool, NY 13088

Plant (NY) 11515

6. Transporter 1 Company Name
TJ Allen Golf Services, LLC

U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Rozad, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165

U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	27	T	
2.						
3.						
4.				1		

13. Special Handling Instructions and Additional Information
1. Appt: SE-22-270 (Non-hazardous soil)

CESE WILM-SHEET

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 10 | Day 27 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name: Adam Ramos | Signature | Month 10 | Day 27 | Year 22

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818114	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	09:21	10:06 ✓	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 113580 LB
Scale 3 Tare Wt. 40660 LB TRUCK EXPIRES / /
Net Weight 72920 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.46	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-24

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

AMT AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montcomery | Signature | Month: 10 | Day: 27 | Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan Leithauser | Signature | Month: 10 | Day: 27 | Year: 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name | Signature | Month | Day | Year

169-BLC-O 5 11977 (Rev 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Not Required	1		SM-24

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
plt (NY) 259206

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemen Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	54 34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appt: 38-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Rick Montgomery
Signature:
Month: 10 Day: 27 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kyle Matthews
Signature:
Month: 10 Day: 27 Year: 22

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Ryan Montgomery
Signature:
Month: Day: Year:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818202	WE	LYDIA

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	11:19	11:57	A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 118480 LB
Scale 3 Tare Wt. 39120 LB TRUCK EXPIRES / /
Net Weight 79360 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.68	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-25

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE _____

NON-HAZARDOUS WA

G. Additional Descriptions for Materials Listed Above

Approval # SE-22-270

CRD: WILMER

H. Handling Codes for Wastes Listed Above

1. L

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
		10 27 22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Adam Bennett	Adam M. Bennett	10 27 22

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
		10 27 22

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No. CAP-1506 EM-25	2. Page 1 of 1
3. Generator's Name and Mailing Address 68 Joseph Road Wilmington, MA 01887 (978) 658-8883 Attn: Timothy Cosgrove		U.S. 11th Naval Base Liverpool, NY 13088 plt (NY) 115105	
4. Generator's Phone ( )			
5. Transporter 1 Company Name Al Allen Bulk Services, LLC.	6. US EPA ID Number Not Required	A. State Transporter's ID B. Transporter 1 Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Seneca Meadows Landfill 1786 Salcumn Road Waterloo, NY 13165	10. US EPA ID Number 9-4532-00023/0001	E. State Facility's ID F. Facility's Phone (315) 539-5624	

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-RCRA, NON-DOT REGULATED MATERIAL (Non-hazardous Soil)			661 C.Y. 54	T
b.				
c.				
d.				

G. Additonal Descriptions for Materials Listed Above	H. Handling Codes for Wastes Listed Above
a. Approval # SE-02-270 CSE: WILM-FRER	a. L

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date: Month	Day	Year
[illegible]	[signature]	10	22	22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
Adam Bennett	Adam A. Bennett	10	22	22

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year

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Rev. 3/95

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818224	WE	LYDIA

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	11:36	12:13	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 114680 LB
Scale 3 Tare Wt. 38520 LB TRUCK EXPIRES / /
Net Weight 76160 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
38.08	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-26

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

VW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

NON-HAZARDOUS WA

G. Additional Descriptions for Materials Listed Above

Approval # SE-22-270
CSE WLM-7858

H. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
		10 / 27 / 22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
Josh Grady		10 / 27 / 22

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)
		10 / 27 / 22

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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
3. Generator's Name and Mailing Address 4. Generator's Phone ( )			
5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID B. Transporter 1 Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone	

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above	H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)

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Rev. 3/95

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818260	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	12:03	12:31	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 110960 LB
Scale 3 Tare Wt. 40360 LB TRUCK EXPIRES / /
Net Weight 70600 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.30	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-27

HAULER: 7470 T J ALLEN
ROUTE: 1 -NONE

WEIGHTMASTER
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WA

G. Additional Descriptions for Materials Listed Above

Approval # SE-22-270

CESI WILMINGTON

H. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Date: Month 10 | Day 27 | Year 22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Ryan Leatherwood | Signature | Date: Month 10 | Day 27 | Year 22

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name | Signature | Date: Month | Day | Year

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Rev. 3/96

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
3. Generator's Name and Mailing Address			
4. Generator's Phone ( )			
5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID	
		B. Transporter 1 Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone	

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additonal Descriptions for Materials Listed Above	H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date: Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818293	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	12:27	12:53	TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 110820 LB
Scale 3 Tare Wt. 39300 LB TRUCK EXPIRES / /
Net Weight 71520 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.76	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-28

HAULER: 7470 T J ALLEN
ROUTE: 1 -NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WA

G. Additional Descriptions for Materials Listed Above

Approval # SE-22-270
CDF: WIM-1869

H. Handling Codes for Wastes Listed Above

a. L

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
		10 / 27 / 22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
TIM D		10 / 27 / 22

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
		/ /

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)
		/ /

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
3. Generator's Name and Mailing Address			
4. Generator's Phone ( )			
5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID	
		B. Transporter 1 Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone	

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additonal Descriptions for Materials Listed Above	H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)

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Rev. 3/95

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818377	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	13:49	14:22	✓A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 118520 LB
Scale 3 Tare Wt. 39040 LB TRUCK EXPIRES / /
Net Weight 79480 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.74	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-29

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

NON-HAZARDOUS WA

G. Additonal Descriptions for Materials Listed Above

Approval # SE-22-270
COAL WEMJTER

H. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
		10 27 22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Adam Bernoski	Adam Bernoski	10 27 22

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month Day Year)

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
3. Generator's Name and Mailing Address 4. Generator's Phone ( )			
5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID B. Transporter 1 Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID D. Transporter 2 Phone	
9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID F. Facility's Phone	

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above	H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date: Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year

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Rev. 3/95

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00818391	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
10/27/22	10/27/22	14:09	14:52	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 109200 LB
Scale 3 Tare Wt. 38360 LB TRUCK EXPIRES / /
Net Weight 70840 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.42	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-30

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

(W6T) TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

NON-HAZARDOUS WA

G. Additional Descriptions for Materials Listed Above

Agreement # SE-22-270
CRSI: WILMINGTON

H. Handling Codes for Wastes Listed Above

a. I.

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible]	[illegible] On behalf of UniFirst	10	27	22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
Josh Frady	[illegible]	10	27	22

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible]	[illegible]	10	27	22

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Rev. 3/95

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
3. Generator's Name and Mailing Address			
4. Generator's Phone ( )			
5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID	
		B. Transporter 1 Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	
		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone	

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additonal Descriptions for Materials Listed Above	H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)

Seneca Meadows, Inc. W/M#450104

1786 Salcman Road
Waterloo, NY 13165

Ticket No:

Date: 10/27/22

In:

Out:

169

Order No: SE-22-270

Truck Id: TJ29

Gross Wt: 98,280 lbs

Tare Wt: 40220 lbs

Net Wt: 58,060 lbs

tns

Price/Tn: 29.03

Material:

Deliver: 0.00

Misc: 0.00

Total Due:

Paid:

Check No:

Weigh Master:

Driver:

Remarks: Nwe 11

SM-31

NON-HAZARDOUS WA

G. Additional Descriptions for Materials Listed Above

a. Approval # SE-22-270

WI M-[illegible]

H. Handling Codes for Wastes Listed Above

a. L

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
[illegible]	[illegible] On behalf of [illegible]	10 / 27 / 22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
[illegible]	[illegible]	10 / 27 / 22

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)
[illegible]	[illegible]	10 / 27 / 22

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Rev. 3/95

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone

GENERATOR

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Date: Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name | Signature | Date: Month Day Year

Seneca Meadows, Inc. W/M#450104

Ticket No:

1786 Salcman Road
Waterloo, NY 13165

Date: 10/27/22
In:
Out:

169

Order No: SE-22-270

Truck Id: TJ30

Gross Wt: 117,980 lbs
Tare Wt: 39060 lbs
Net Wt: 78,920 lbs
tns

Material:
Deliver: 0.00
Misc: 0.00
Total Due:

Price/Tn: 39.46

Paid:
Check No:

Weigh Master:

Driver:

Remarks: SM-32 "We"

NON-HAZARDOUS WA

G. Additonal Descriptions for Materials Listed Above

a. Approval # SE-22-270
CCR: WILMINGTON

H. Handling Codes for Wastes Listed Above

a. L

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month / Day / Year)
[illegible]	On behalf of Waste Mgmt	10 / 27 / 22

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
[illegible]	[illegible]	10 / 27 / 22

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
		/ /

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date (Month / Day / Year)
[illegible]	[illegible]	/ /

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Rev. 3/95

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID
		B. Transporter 1 Phone
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID
		D. Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID
		F. Facility's Phone

GENERATOR

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.				
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date: Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year

NON-HAZARDOUS WASTE

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHTMASTER
01	00825826	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/16/22	11/16/22	08:12	09:22	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 106640 LB
Scale 3 Tare Wt. 39040 LB TRUCK EXPIRES / /
Net Weight 67600 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.80	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-33

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

WEIGHMASTER
TENDERED
CHANGE
CHECK NO

WWOT! TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

Name: SE-22-270 (Non-Hazardous Soil)

CESI WILMINGTON

TRANSPORTER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gerlach — Signature — Month 11 Day 16 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Josh Grohy — Signature — Month 11 Day 16 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Matt Murphy — Signature — Month 11 Day 16 Year 22

169-BLC-O 5 11977 (Rev 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-33

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Joseph Road, Wilmington, MA 01887
978-658-3888

Generator's Site Address (if different than mailing address)
Unifirst - Wilmington
113 7th North Street
Liverpool, NY 13088

plate: CNY 2594D6

Generator's Phone:

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC

U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
315 539-5624 Waterloo, NY 13165

U.S. EPA ID Number
Not Required

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	34	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 11 | Day 16 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00825834	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/16/22	11/16/22	08:33	09:29	A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 113500 LB
Scale 3 Tare Wt. 39740 LB TRUCK EXPIRES / /
Net Weight 73760 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.88	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-34

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

TENDERED	
CHANGE	
CHECK NO	

VW6TT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Greenwood — Signature — Month 11 Day 16 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Chris Tanner — Signature — Month 11 Day 16 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name — Signature — Month 11 Day 16 Year 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM 34

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Unifirst - Watertown
113 7th North Street
Liverpool, NY 13088
plus (NY)
115185

6. Transporter 1 Company Name
TJ Allen Sub Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salisbury Road, Waterloo
315 539-9624 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	E-ST 54	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
CESI: WILM-HER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Christine Goodchild
Signature:
Month: 11 Day: 16 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: C. W. S. Terminal
Signature:
Month: 11 Day: 16 Year: 22

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00825850	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	FOR/L OFF
11/16/22	11/16/22	08:57	10:03	A27	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 106900 LB
Scale 3 Tare Wt. 39600 LB TRUCK EXPIRES / /
Net Weight 67300 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.65	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-35

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

WWGT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK NO

1. App#: SE-22-270 (Non-hazardous soil)

CESI WILMINGTON

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland — Signature — Month 11 Day 16 Year 22

TRANSPORTER INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: TODD WESTCOTT — Signature — Month 11 Day 16 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: [illegible]

GENERATOR

5. Generator's Name and Mailing Address: [illegible] Corporation, 22 Jonspin Road, Wilmington, MA 01887, 978-658-0800

Generator's Site Address (if different than mailing address): Unifirst - Wilmington, 513 7th North Street, Liverpool, NY 13088

Plate (NY) 7946DQ

Generator's Phone:

6. Transporter 1 Company Name: T.J. Allen Rail Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Seneca Meadows Landfill, 1786 Gateway Road, Waterloo — U.S. EPA ID Number

Facility's Phone: 315 539-9601 Waterloo, NY 13165 — Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Solid)		DT	34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information: 1. Appt: SE-22-275 (Non-hazardous solid)

CERT: WILM-INER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature — Month: 11 Day: 10 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature — Month: 11 Day: 10 Year: 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGH-MASTER
01	00825952	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/16/22	11/16/22	11:38	13:03	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 117460 LB
Scale 3 Tare Wt. 38860 LB TRUCK EXPIRES / /
Net Weight 78600 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.30	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-36

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

Paper: 50-60lb (Non-Hazardous Soil)

CESI WILMHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edeline Germond — Signature — Month 11 Day 16 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Josh Grady — Signature — Month 11 Day 16 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month 11 Day 16 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-36

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Unifirst - Wilmington
113 7th North Street
Liverpool, NY 13088
plate: (NY) 2394JDG

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appt: SE-22-270 (Non-hazardous soil)
CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gatlin
Signature:
Month: 11 Day: 16 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jason Gray
Signature:
Month: 11 Day: 16 Year: 22

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00825980	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/16/22	11/16/22	12:06	14:05	A31	

RESIDENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 120580 LB
Scale 3 Tare Wt. 39740 LB TRUCK EXPIRES / /
Net Weight 80840 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
40.42	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-37

HAULER: 7470 T J ALLEN
ROUTE: 1 -NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gearhard — Signature: [signature] — Month: 11 Day: 16 Year: 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Chris Tanner — Signature: [signature] — Month: 11 Day: 16 Year: 22
Transporter 2 Printed/Typed Name: — Signature: — Month: Day: Year:

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: [signature] — Signature: [signature] — Month: 11 Day: 16 Year: 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not Required

2. Page 1 of: 1

3. Emergency Response Phone:

4. Waste Tracking Number:

GENERATOR

5. Generator's Name and Mailing Address:
Unifrax Corporation
600 Theresia Road, Wilmington, MA 01887
978-658-0220

Generator's Site Address (if different than mailing address):
Unifrax - Williamson
113 7th North Street
Liverpool, NY 13088

Generator's Phone:

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC

U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Seneca Meadows Landfill
1786 Salemen Road, Waterloo
315 539-5624 Waterloo, NY 13165

U.S. EPA ID Number: Not Required

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Katelyn Kimball

Signature:

Month: 11 Day: 16 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name:

Signature:

Month: Day: Year:

Transporter 2 Printed/Typed Name:

Signature:

Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:

Signature:

Month: Day: Year:

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00825996	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/16/22	11/16/22	12:22	14:12	A27	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 131360 LB
Scale 3 Tare Wt. 39600 LB TRUCK EXPIRES / /
Net Weight 91760 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
45.88	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-38

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6T1 TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

9. Appr: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Haviland — Signature — Month 11 Day 16 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TODD WESTCOTT — Signature — Month 11 Day 16 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month 11 Day 16 Year 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-38

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Unifirst - Wilmington
113 7th North Street
Liverpool, NY 13088
Note: (NY) 23406

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salaman Roaad, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:

U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE-22.270 (Non-hazardous soil)
CESI: WILMJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Farley — Signature — Month: 11 Day: 16 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: TODD WESTCOTT — Signature — Month: 11 Day: 16 Year: 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Mike Fragale — Signature — Month: 11 Day: 16 Year: 22

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00826287	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	08:15	10:21	TJ16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 111640 LB
Scale 3 Tare Wt. 39000 LB TRUCK EXPIRES / /
Net Weight 72640 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.32	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-39

HAULER: 7470 T J ALLEN
ROUTE: 1 -NONE

NEW AMOUNT
TENDERED
CHANGE
CHECK NO

WWGT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Ferland — Signature — Month 11 Day 17 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Josh Gordy — Signature — Month 11 Day 17 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: Sara Taylor — Signature — Month 11 Day 17 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		594 54

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Unifirst - Wilmington
1378 North Street
Liverpool, NY 13088
plant (LY)
23942DG

6. Transporter 1 Company Name
T J Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemen Road, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	25T 34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
CESE WE MJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 11 | Day 17 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name | Signature | Month | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name | Signature | Month | Day | Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00826292	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	08:30	10:37	TJ-36	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 122520 LB
Scale 3 Tare Wt. 39260 LB TRUCK EXPIRES / /
Net Weight 83260 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
41.63	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any
hazardous materials, medical waste or liquids of any
type.
MANIFEST: SM-40

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WANT TO REORDER FORMS? PLEASE VISIT WWW.WASTEWORKS.COM SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edilio Grenaldo — Signature: [signature] — Month 11 Day 17 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gandini — Signature: [signature] — Month 11 Day 17 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Sara Taylor — Signature: [signature] — Month 11 Day 17 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		5M-110

GENERATOR

5. Generator's Name and Mailing Address
Uni-first Corporation
98 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Uni-first - Wilmington
113 7th North Street
Liverpool, NY 13088
plt (NY)
311507

6. Transporter 1 Company Name
T.J Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Rroad, Waterloo
315 539-9634 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)
CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 11 | Day 17 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gandini | Signature | Month 11 | Day 17 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Eric Taylor | Signature | Month 11 | Day 17 | Year 22

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	PAID	WEIGHMASTER
01	00826337	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	09:49	10:51	A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 125220 LB
Scale 3 Tare Wt. 39820 LB TRUCK EXPIRES / /
Net Weight 85400 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
42.70	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-41

HAULER: 7470 T J ALLEN
ROUTE: 3 - NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWW.BLC-O.COM TO REORDER FORMS PLEASE VISIT WWW.MASTERFORMS.COM SIGNATURE

1. Appl: SE-22-270 (Non-hazardous soil)

CES: WILMINGTON

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edward Loehlmann | Signature | Month 11 | Day 17 | Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Chris Tanner | Signature | Month 11 | Day 17 | Year 22

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Eric Taylor | Signature | Month 11 | Day 17 | Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-211

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Unifirst - Wilmington
153 7th North Street
Liverpool, NY 13088

Plate (NY) 11515DS

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number
Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	FST 34	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appt#: 32-22-270 (Non-hazardous soil)

CESI: WILMINGTHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name
Signature
Month 11 Day 15 Year 22

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name
Signature
Month 11 Day 15 Year 22

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Taylor
Signature
Month 11 Day 15 Year 22

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00826480	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	12:32	13:19	TJ-16	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 111140 LB
Scale 3 Tare Wt. 38940 LB TRUCK EXPIRES / /
Net Weight 72200 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.10	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-42

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NEW AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGT TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. Appl#: SE 22-270 (Non-hazardous soil).

CESI WILMINGTON

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 11 | Day 17 | Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Josh Conroy | Signature | Month 11 | Day 17 | Year 22
Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name | Signature | Month | Day | Year

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-712

GENERATOR

5. Generator's Name and Mailing Address: Uni-First Corporation, 68 Jonspin Road, Wilmington, MA 01887, 978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address): Uni-First - Wilmington, 113 7th North Street, Liverpool, NY 13088

Note (A2) 2594100

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Seneca Meadows Landfill, 1786 Salomon Road, Waterloo, NY 13165, 315 539-9639
Facility's Phone: — U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month 11 Day 17 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 11 Day 17 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 5 11977 (Rev. 9/09)

TRANSPORTER #2

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00826501	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	13:03	13:34 ✓	TJ-36	

REFERENCE	DESTINATION
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 118360 LB
Scale 3 Tare Wt. 39100 LB TRUCK EXPIRES / /
Net Weight 79260 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.63	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-43

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NEW AMOUNT
TENDERED
CHANGE
CHECK NO

WWGTL TO RECEIPT FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Granlund — Signature: [signature] — Month 11 Day 17 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregory Gaudio — Signature: [signature] — Month 11 Day 17 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Jesse Taylor — Signature: [signature] — Month 11 Day 17 Year 22

169-BLC-O-5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		311513

GENERATOR

5. Generator's Name and Mailing Address
Unifrax Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-9525

Generator's Site Address (if different than mailing address)
Unifrax - Wilmington
1137th North Street
Liverpool, NY 13088

Plate: CLV 311507

Generator's Phone:

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC

U.S. EPA ID Number
Not Required

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salmon Road, Waterloo
315-539-9624 Waterloo, NY 13165

U.S. EPA ID Number
Not Required

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	ESt 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Profile: SC-22-270 (Non-hazardous soil)

DES: WILM-HER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Debra Lombard — Signature: [signature] — Month: 11 — Day: 17 — Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudio — Signature: [signature] — Month: 11 — Day: 17 — Year: 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00826504	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	13:06	13:48	A31	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 117420 LB
Scale 3 Tare Wt. 39640 LB TRUCK EXPIRES / /
Net Weight 77780 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
38.89	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-44

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gourlaud — Signature — Month 11 Day 17 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Chris Tanner — Signature — Month 11 Day 17 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sara Taylor — Signature — Month 11 Day 17 Year 22

169-BLC-O 5 11977 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-414

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088

Plate: (NY) HS105

Generator's Phone:

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
315 539-5624 Waterloo, NY 13165

U.S. EPA ID Number: Not Required

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	FST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl: SE-22-270 (Non-hazardous soil)

CES: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Edelis Gonzalez — Signature — Month: 11 — Day: 17 — Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Chris Tanner — Signature — Month: 11 — Day: 17 — Year: 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Ryan Ryder — Signature — Month: 11 — Day: 17 — Year: 22

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHMASTER
01	00826518	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	13:27	14:02	TJ-25	

PERMIT(S)	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 115920 LB
Scale 3 Tare Wt. 40660 LB TRUCK EXPIRES / /
Net Weight 75260 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.63	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-45

HAULER: 7470 T J ALLEN
ROUTE: 1-NONE

WEIGHMASTER
TENDERED
CHANGE
CHECK NO

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland — Signature — Month 11 Day 17 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ronald Evans Jr. — Signature — Month 11 Day 17 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Sara Tucker — Signature — Month 11 Day 17 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SAM-415

GENERATOR

5. Generator's Name and Mailing Address
Uni-First Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
Mak (NY)
2975C2

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Roaad, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:

U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	FAST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)

CESE WILM-INER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Eastland — Signature — Month: 11 — Day: 17 — Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ronald Evans — Signature — Month: 11 — Day: 17 — Year: 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Steve Fowler — Signature — Month: 11 — Day — Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	GRID	WEIGHTMASTER
01	00826567	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	14:34	14:59	TJ-30	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 106380 LB
Scale 3 Tare Wt. 39180 LB TRUCK EXPIRES / /
Net Weight 67200 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.60	TON	CONTAMINAT SOIL				

Thursday

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-46

HAULER: 7470 T J ALLEN
ROUTE: 1-MONIE

TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gearhart — Signature — Month: 11 Day: 17 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Tim D — Signature — Month Day Year
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sara Taylor — Signature — Month: 11 Day: 17 Year: 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: Not Required	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: SM-16

GENERATOR

5. Generator's Name and Mailing Address: Land Trust Corporation, 66 Seaport Road, Wilmington, MA 01887, 978-658-0900

Generator's Site Address (if different than mailing address): Land Trust - Wilmington, 193 N. North Street, Liverpool, NY 13088

Generator's Phone:

6. Transporter 1 Company Name: T.J. Allen Soil Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Seneca Meadows Landfill, 1786 Salmon Road, Waterloo, 315-568-5804, Waterloo, NY 13165 — U.S. EPA ID Number: Not Required

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
X	1. Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	39	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information: 1. Appt#: SE-22-270 (Non-hazardous soil) CCSI WILMINGTON

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature — Month: 12 Day: 13 Year: 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: TIM D — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
200 BIDDLE AVE SUITE 205
NEWARK DE 19702

SITE	TICKET	SEND	WEIGHMASTER
01	00826586	WE	SARA T

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/17/22	11/17/22	14:59	15:32	TJ-29	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 104280 LB
Scale 3 Tare Wt. 40060 LB TRUCK EXPIRES / /
Net Weight 64220 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
32.11	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-47

HAULER: 7470 T J ALLEN
ROUTE: 1 HOME

NEW AMOUNT
TENDERED
CHANGE
CHECK NO

WW6TL TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE

1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gerlad — Signature — Month 11 Day 17 Year 22

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ryan Leethauser — Signature — Month 11 Day 17 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sara Taylor — Signature — Month 11 Day 17 Year 22

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-417

GENERATOR

5. Generator's Name and Mailing Address
Unifirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
Unifirst - Wilmington
113 7th North Street
Liverpool, NY 13088
plate: (NY) 239206

6. Transporter 1 Company Name: TJ Allen Bulk Services, LLC — U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Saleman Road, Waterloo
315 539-5624 Waterloo, NY 13165
Facility's Phone:
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)		DT	EST 34	T	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazardous soil)

CESI: WILM-JHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Cedric Carter — Signature — Month: 11 — Day: 17 — Year: 22

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dan Cutwater — Signature — Month: 11 — Day: 17 — Year: 22

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Jerry Taylor — Signature — Month: 11 — Day: 17 — Year: 22

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	TRANSMASTER
01	00837990	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
12/21/22	12/21/22	09:16	09:53	TJ-36	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 118480 LB
Scale 3 Tare Wt. 39280 LB TRUCK EXPIRES / /
Net Weight 79200 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.60	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-48

HAULER: 7470 T J ALLEN
ROUTE: 1-NOWE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWSTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-48

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
Plate NY 3115D7

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salomon Road, Waterloo
315 539-5624 Waterloo, NY 13165
U.S. EPA ID Number
Facility's Phone: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App#: SE-22-270 (Non-hazzardous soil)
CESI: WILM-JHER

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Gaylord — Signature — Month 12 Day 21 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudi — Signature — Month 12 Day 21 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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DESIGNATED FACILITY'S COPY

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000169 CAPITOL ENVIROMENTAL INC
PO BOX 9499
NEWARK DE 19714

SITE	TICKET	GRID	WEIGHMASTER
01	00838144	WE	GABRIELLA M

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
12/21/22	12/21/22	12:21	12:56	TJ-36	

REFERENCE	ORIGIN
SE-22-270	ONONDAGA

Scale 1 Gross Wt. 133700 LB
Scale 3 Tare Wt. 39180 LB TRUCK EXPIRES / /
Net Weight 94520 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
47.26	TON	CONTAMINAT SOIL				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: SM-49

HAULER: 7470 T J ALLEN
ROUTE: 1 NONE

NET AMOUNT
TENDERED
CHARGE
CHECK NO.

WWGTI TO REORDER FORMS PLEASE VISIT WWW.WASTEWORKS.COM

SIGNATURE _____

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
Not Required	1		SM-49

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corporation
68 Jonspin Road, Wilmington, MA 01887
978-658-8888
Generator's Phone:

Generator's Site Address (if different than mailing address)
UniFirst - Wilmington
113 7th North Street
Liverpool, NY 13088
Plate NY 3115D7

6. Transporter 1 Company Name
TJ Allen Bulk Services, LLC
U.S. EPA ID Number: Not Required

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Seneca Meadows Landfill
1786 Salemon Road, Waterloo
Facility's Phone: 315 539-9624 Waterloo, NY 13165
U.S. EPA ID Number: Not Required

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA, Non DOT Regulated Material (Non-hazardous Soil)	1	DT	EST 39	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. Appl#: SE-22-270 (Non-hazardous soil)
CESI: WILMJHER

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Eddie Garland
Signature:
Month: 12 Day: 21 Year: 22

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregory Gaudin
Signature: Greg Gaudin
Month: 12 Day: 21 Year: 22

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 12 Day: 22 Year:

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

J.3. Non-Hazardous Soil Disposal Documentation (Camillus)

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 714958
Date: 05/31/2023 7:32 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 37.950
Loads: 2

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		27.42 tn	$10.00	$274.20	$0.00	$0.00	$0.00	$274.20
								$274.20

Material	Gross	Scale	Tare	Scale	Net
THFP	84000 lb	2 7:23 AM	29160 lb	2 7:32 AM	54840 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

095205

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK # 352	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 714964
Date: 05/31/2023 7:45 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 63.290
Loads: 3

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		25.34 tn	$10.00	$253.40	$0.00	$0.00	$0.00	$253.40
								$253.40

Material	Gross	Scale	Tare	Scale	Net
THFP	79800 lb	1 7:35 AM	29120 lb	2 7:45 AM	50680 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

083112

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	05/31/23	6:40AM	
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S Company

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils **WEIGHT IN**	
	WEIGHT OUT	
	BILLED WEIGHT	25.34 Tons

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 714969
Date: 05/31/2023 8:02 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 90.860
Loads: 4

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		27.57 tn	$10.00	$275.70	$0.00	$0.00	$0.00	$275.70
								$275.70

Material	Gross	Scale	Tare	Scale	Net
THFP	83880 lb	1 7:53 AM	28740 lb	2 8:02 AM	55140 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099169

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5-31-23		
TRUCK # 335	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils **WEIGHT IN** **WEIGHT OUT** **BILLED WEIGHT**	

SHIPPER SIGNATURE _____ PRINT NAME Connor Fisher

DRIVER SIGNATURE Shawn Stoltz PRINT NAME Shawn Stoltz

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 714978
Date: 05/31/2023 8:28 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 105.990
Loads: 5

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		15.13 tn	$10.00	$151.30	$0.00	$0.00	$0.00	$151.30
								$151.30

Material	Gross	Scale	Tare	Scale	Net
THFP	59380 lb	1 8:21 AM	29120 lb	2 8:28 AM	30260 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099171

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5/31/22		
TRUCK #		TRAILER #	

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	S.I	**WEIGHT IN**
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 714981
Date: 05/31/2023 8:38 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 121.380
Loads: 6

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		15.39 tn	$10.00	$153.90	$0.00	$0.00	$0.00	$153.90
								$153.90

Material	Gross	Scale	Tare	Scale	Net
THFP	59880 lb	1 8:30 AM	29100 lb	2 8:38 AM	30780 lb

Returned to Site @ 9:02 am

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097598

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5/31/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION		WEIGHT
	Spoils	WEIGHT IN	
		WEIGHT OUT	
		BILLED WEIGHT	

SHIPPER SIGNATURE David Tuttle PRINT NAME David Tuttle

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 714987
Date: 05/31/2023 8:57 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 136.790
Loads: 7

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		15.41 tn	$10.00	$154.10	$0.00	$0.00	$0.00	$154.10
								$154.10

Material	Gross	Scale	Tare	Scale	Net
THFP	59500 lb	1 8:48 AM	28680 lb	2 8:57 AM	30820 lb

Returned to site 9:21
loaded and left @ 9:34

99170

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099170

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5-31-23		
TRUCK # 335	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME Ross Palmer 9/21

DRIVER SIGNATURE _____ PRINT NAME Shawn Stoltz

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715005
Date: 05/31/2023 9:28 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 159.390
Loads: 8

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.60 tn	$10.00	$226.00	$0.00	$0.00	$0.00	$226.00
								$226.00

Material	Gross	Scale	Tare	Scale	Net
THFP	74300 lb	1 9:20 AM	29100 lb	2 9:28 AM	45200 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099173

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	1/31/2		
TRUCK # 552	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	Soil	**WEIGHT IN**
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE Ross Spin PRINT NAME Ross Spin 9:47am

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:
Fin 105 Lot 11

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715011
Date: 05/31/2023 9:50 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 181.890
Loads: 9

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.50 tn	$10.00	$225.00	$0.00	$0.00	$0.00	$225.00
								$225.00

Material	Gross	Scale	Tare	Scale	Net
THFP	74160 lb	1 9:42 AM	29160 lb	2 9:50 AM	45000 lb

Returned to Site @ 10:11 am

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097599

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5/31/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE Ross Spl PRINT NAME Ross Spilman

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL:

CONSIGNEE PRINT NAME Peter Bullo

CONSIGNEE SIGN HERE (NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715018
Date: 05/31/2023 10:04 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 204.290
Loads: 10

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.40 tn	$10.00	$224.00	$0.00	$0.00	$0.00	$224.00
								$224.00

Material	Gross	Scale	Tare	Scale	Net
THFP	73520 lb	1 9:57 AM	28720 lb	2 10:04 AM	44800 lb

Returned on site @ 10:30

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099592

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5-31-23		
TRUCK # 335	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils **WEIGHT IN** **WEIGHT OUT** **BILLED WEIGHT**	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME Shawn Stoltz

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715026
Date: 05/31/2023 10:20 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 222.660
Loads: 11

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		18.37 tn	$10.00	$183.70	$0.00	$0.00	$0.00	$183.70
								$183.70

Material	Gross	Scale	Tare	Scale	Net
THFP	65820 lb	1 10:14 AM	29080 lb	2 10:20 AM	36740 lb

10:45

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099174

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____ 10:42 am

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715036
Date: 05/31/2023 10:45 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 241.530
Loads: 12

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		18.87 tn	$10.00	$188.70	$0.00	$0.00	$0.00	$188.70
								$188.70

Material	Gross	Scale	Tare	Scale	Net
THFP	66740 lb	1 10:35 AM	29000 lb	2 10:45 AM	37740 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097620

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5/31/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME Ross Spilman

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME Robert Bush

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715043
Date: 05/31/2023 11:05 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 260.680
Loads: 13

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.15 tn	$10.00	$191.50	$0.00	$0.00	$0.00	$191.50
								$191.50

Material	Gross	Scale	Tare	Scale	Net
THFP	66820 lb	1 10:56 AM	28520 lb	2 11:05 AM	38300 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099591

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5-31-23		
TRUCK # 335	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE Ross Gilman PRINT NAME Ross Gilman 10:29

DRIVER SIGNATURE Shawn Stoltz PRINT NAME Shawn Stoltz

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION — FIRM _____ DATE _____ BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715050
Date: 05/31/2023 11:14 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 277.690
Loads: 14

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		17.01 tn	$10.00	$170.10	$0.00	$0.00	$0.00	$170.10
								$170.10

Material	Gross	Scale	Tare	Scale	Net
THFP	63220 lb	1 11:08 AM	29200 lb	2 11:14 AM	34020 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099175

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715062
Date: 05/31/2023 11:41 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 297.460
Loads: 15

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.77 tn	$10.00	$197.70	$0.00	$0.00	$0.00	$197.70
								$197.70

Material	Gross	Scale	Tare	Scale	Net
THFP	68600 lb	1 11:35 AM	29060 lb	2 11:41 AM	39540 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

083109

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5/31/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	**WEIGHT IN**
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715070
Date: 05/31/2023 12:02 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 316.470
Loads: 16

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.01 tn	$10.00	$190.10	$0.00	$0.00	$0.00	$190.10
								$190.10

Material	Gross	Scale	Tare	Scale	Net
THFP	66600 lb	1 11:57 AM	28580 lb	2 12:02 PM	38020 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099587

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5-31-23		
TRUCK # 335	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	**WEIGHT IN**
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME Shawn Stoltz

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

_____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715079
Date: 05/31/2023 12:16 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 336.270
Loads: 17

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.80 tn	$10.00	$198.00	$0.00	$0.00	$0.00	$198.00
								$198.00

Material	Gross	Scale	Tare	Scale	Net
THFP	68620 lb	1 12:09 PM	29020 lb	2 12:16 PM	39600 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099176

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	1/10		
TRUCK # 372	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	[illegible]

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	**WEIGHT IN**	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE [signature] PRINT NAME [illegible]

DRIVER SIGNATURE [signature] PRINT NAME [illegible]

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715097
Date: 05/31/2023 12:53 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 356.670
Loads: 18

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		20.40 tn	$10.00	$204.00	$0.00	$0.00	$0.00	$204.00
								$204.00

Material	Gross	Scale	Tare	Scale	Net
THFP	69660 lb	1 12:45 PM	28860 lb	2 12:53 PM	40800 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

083110

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5/23/31		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE [signature] PRINT NAME [signature]

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FOR _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715109
Date: 05/31/2023 1:16 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 378.130
Loads: 19

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		21.46 tn	$10.00	$214.60	$0.00	$0.00	$0.00	$214.60
								$214.60

Material	Gross	Scale	Tare	Scale	Net
THFP	71480 lb	1 1:04 PM	28560 lb	2 1:16 PM	42920 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099588

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5-31-23		
TRUCK # 335	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715117
Date: 05/31/2023 1:28 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 397.430
Loads: 20

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.30 tn	$10.00	$193.00	$0.00	$0.00	$0.00	$193.00
								$193.00

Material	Gross	Scale	Tare	Scale	Net
THFP	67520 lb	1 1:20 PM	28920 lb	2 1:28 PM	38600 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

039177

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715131
Date: 05/31/2023 1:55 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 420.870
Loads: 21

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		23.44 tn	$10.00	$234.40	$0.00	$0.00	$0.00	$234.40
								$234.40

Material	Gross	Scale	Tare	Scale	Net
THFP	75780 lb	1 1:48 PM	28900 lb	2 1:54 PM	46880 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

083111

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5/31/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME Peter Bullas

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715139
Date: 05/31/2023 2:26 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 445.410
Loads: 22

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		24.54 tn	$10.00	$245.40	$0.00	$0.00	$0.00	$245.40
								$245.40

Material	Gross	Scale	Tare	Scale	Net
THFP	77560 lb	1 2:18 PM	28480 lb	2 2:26 PM	49080 lb

15.41
2146

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099589

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	5-31-23		
TRUCK # 335	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils **WEIGHT IN** **WEIGHT OUT** **BILLED WEIGHT**	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715146
Date: 05/31/2023 2:47 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 468.400
Loads: 23

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.99 tn	$10.00	$229.90	$0.00	$0.00	$0.00	$229.90
								$229.90

Material	Gross	Scale	Tare	Scale	Net
THFP	74880 lb	1 2:40 PM	28900 lb	2 2:47 PM	45980 lb

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715150
Date: 05/31/2023 2:59 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 487.230
Loads: 24

Truck: 338
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		18.83 tn	$10.00	$188.30	$0.00	$0.00	$0.00	$188.30
								$188.30

Material	Gross	Scale	Tare	Scale	Net
THFP	66540 lb	1 2:51 PM	28880 lb	2 2:59 PM	37660 lb

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715158
Date: 05/31/2023 3:27 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 511.950
Loads: 25

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		24.72 tn	$10.00	$247.20	$0.00	$0.00	$0.00	$247.20
								$247.20

Material	Gross	Scale	Tare	Scale	Net
THFP	77880 lb	1 3:21 PM	28440 lb	2 3:27 PM	49440 lb

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715165
Date: 06/01/2023 7:25 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 530.440
Loads: 26

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		18.49 tn	$10.00	$184.90	$0.00	$0.00	$0.00	$184.90
								$184.90

Material	Gross	Scale	Tare	Scale	Net
THFP	66060 lb	1 7:16 AM	29080 lb	2 7:25 AM	36980 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097610

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	06/01/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION		WEIGHT
	Spoils	WEIGHT IN	
		WEIGHT OUT	
		BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715168
Date: 06/01/2023 7:30 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 552.500
Loads: 27

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.06 tn	$10.00	$220.60	$0.00	$0.00	$0.00	$220.60
								$220.60

Material	Gross	Scale	Tare	Scale	Net
THFP	73300 lb	1 7:24 AM	29180 lb	2 7:30 AM	44120 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099181

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715170
Date: 06/01/2023 7:43 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 567.630
Loads: 28

Truck: 335 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		15.13 tn	$10.00	$151.30	$0.00	$0.00	$0.00	$151.30
								$151.30

Material	Gross	Scale	Tare	Scale	Net
THFP	58980 lb	1 7:35 AM	28720 lb	2 7:43 AM	30260 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

098125

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6-1-23		
TRUCK # 335	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	
	Spoils	

SHIPPER SIGNATURE _____ PRINT NAME Ross Spilman

DRIVER SIGNATURE _____ PRINT NAME Stoltz

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715188
Date: 06/01/2023 8:34 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 590.350
Loads: 29

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.72 tn	$10.00	$227.20	$0.00	$0.00	$0.00	$227.20
								$227.20

Material	Gross	Scale	Tare	Scale	Net
THFP	74420 lb	1 8:25 AM	28980 lb	2 8:34 AM	45440 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097611

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	06/01/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME Ross Spilman

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715194
Date: 06/01/2023 8:43 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 613.230
Loads: 30

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.88 tn	$10.00	$228.80	$0.00	$0.00	$0.00	$228.80
								$228.80

Material	Gross	Scale	Tare	Scale	Net
THFP	75060 lb	1 8:37 AM	29300 lb	2 8:43 AM	45760 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099182

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715220
Date: 06/01/2023 9:38 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 639.890
Loads: 31

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		26.66 tn	$10.00	$266.60	$0.00	$0.00	$0.00	$266.60
								$266.60

Material	Gross	Scale	Tare	Scale	Net
THFP	82340 lb	1 9:27 AM	29020 lb	2 9:38 AM	53320 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097612

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/01/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME Ross Spallone

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715227
Date: 06/01/2023 9:55 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 667.290
Loads: 32

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		27.40 tn	$10.00	$274.00	$0.00	$0.00	$0.00	$274.00
								$274.00

Material	Gross	Scale	Tare	Scale	Net
THFP	84020 lb	1 9:49 AM	29220 lb	2 9:55 AM	54800 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099167

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715246
Date: 06/01/2023 10:42 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 696.230
Loads: 33

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		28.94 tn	$10.00	$289.40	$0.00	$0.00	$0.00	$289.40
								$289.40

Material	Gross	Scale	Tare	Scale	Net
THFP	86860 lb	1 10:34 AM	28980 lb	2 10:42 AM	57880 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097613

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/1/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils — WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE Ron Eppl PRINT NAME Ross Spina

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL:

CONSIGNEE PRINT NAME Rick Bulbo

CONSIGNEE SIGN HERE (NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION — FIRM _____ DATE _____ ☐ AM ☐ PM — BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715253
Date: 06/01/2023 10:59 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 724.210
Loads: 34

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		27.98 tn	$10.00	$279.80	$0.00	$0.00	$0.00	$279.80
								$279.80

Material	Gross	Scale	Tare	Scale	Net
THFP	85040 lb	1 10:52 AM	29080 lb	2 10:59 AM	55960 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099176

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715279
Date: 06/01/2023 11:47 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 741.210
Loads: 35

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		17.00 tn	$10.00	$170.00	$0.00	$0.00	$0.00	$170.00
								$170.00

Material	Gross	Scale	Tare	Scale	Net
THFP	62980 lb	1 11:41 AM	28980 lb	2 11:47 AM	34000 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097614

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/1/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715284
Date: 06/01/2023 11:57 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 760.350
Loads: 36

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.14 tn	$10.00	$191.40	$0.00	$0.00	$0.00	$191.40
								$191.40

Material	Gross	Scale	Tare	Scale	Net
THFP	67320 lb	1 11:49 AM	29040 lb	2 11:57 AM	38280 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099168

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715313
Date: 06/01/2023 1:11 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 776.380
Loads: 37

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		16.03 tn	$10.00	$160.30	$0.00	$0.00	$0.00	$160.30
								$160.30

Material	Gross	Scale	Tare	Scale	Net
THFP	61000 lb	1 1:02 PM	28940 lb	2 1:11 PM	32060 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097615

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/1/23		
TRUCK # 538	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715319
Date: 06/01/2023 1:23 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 795.710
Loads: 38

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.33 tn	$10.00	$193.30	$0.00	$0.00	$0.00	$193.30
								$193.30

Material	Gross	Scale	Tare	Scale	Net
THFP	67660 lb	1 1:15 PM	29000 lb	2 1:23 PM	38660 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099179

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715333
Date: 06/01/2023 2:08 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 818.680
Loads: 39

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.97 tn	$10.00	$229.70	$0.00	$0.00	$0.00	$229.70
								$229.70

Material	Gross	Scale	Tare	Scale	Net
THFP	75000 lb	1 2:01 PM	29060 lb	2 2:08 PM	45940 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

097616

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/1/23		
TRUCK # 338	TRAILER # N/A		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	C+S

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Spoils	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME Ross Sp...

DRIVER SIGNATURE Dan Dobbins PRINT NAME Dan Dobbins

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME Rob Bull...

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715337
Date: 06/01/2023 2:25 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 838.000
Loads: 40

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.32 tn	$10.00	$193.20	$0.00	$0.00	$0.00	$193.20
								$193.20

Material	Gross	Scale	Tare	Scale	Net
THFP	67600 lb	1 2:19 PM	28960 lb	2 2:25 PM	38640 lb

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715346
Date: 06/01/2023 3:01 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 853.750
Loads: 41

Truck: 338 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		15.75 tn	$10.00	$157.50	$0.00	$0.00	$0.00	$157.50
								$157.50

Material	Gross	Scale	Tare	Scale	Net
THFP	60340 lb	1 2:51 PM	28840 lb	2 3:01 PM	31500 lb

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715966
Date: 06/07/2023 7:41 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 875.560
Loads: 42

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		21.81 tn	$10.00	$218.10	$0.00	$0.00	$0.00	$218.10
								$218.10

Material	Gross	Scale	Tare	Scale	Net
THFP	72840 lb	1 7:32 AM	29220 lb	2 7:41 AM	43620 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

098326

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715972
Date: 06/07/2023 7:55 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 895.170
Loads: 43

Truck: 78 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.61 tn	$10.00	$196.10	$0.00	$0.00	$0.00	$196.10
								$196.10

Material	Gross	Scale	Tare	Scale	Net
THFP	68620 lb	1 7:43 AM	29400 lb	2 7:55 AM	39220 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093459

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6-7-23	7:00am	
TRUCK # #78	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	103 Waterhouse Liverpool NY

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1 load	Dirty Dirt	**WEIGHT IN**
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME Kris Spilman

DRIVER SIGNATURE _____ PRINT NAME Chris Hunsinger

SPECIAL INSTRUCTIONS:

DESTINATION: Pumpkin Hollow Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715982
Date: 06/07/2023 8:14 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 913.750
Loads: 44

Truck: ~~256~~
Weigh Master: EC - Emily

Remarks: TRUCK 331

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		18.58 tn	$10.00	$185.80	$0.00	$0.00	$0.00	$185.80
								$185.80

Material	Gross	Scale	Tare	Scale	Net
THFP	66040 lb	1 8:06 AM	28880 lb	2 8:14 AM	37160 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093462

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/7/23	7:00 AM	7:45
TRUCK # 331	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	Un. First / Fisher 163 Luther Ave Liverpool NY

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	66040
	WEIGHT OUT	28880
	BILLED WEIGHT	18.58

SHIPPER SIGNATURE _____ PRINT NAME Ken Spina

DRIVER SIGNATURE _____ PRINT NAME Lee Jayson

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715992
Date: 06/07/2023 8:52 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 931.670
Loads: 45

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		17.92 tn	$10.00	$179.20	$0.00	$0.00	$0.00	$179.20
								$179.20

Material	Gross	Scale	Tare	Scale	Net
THFP	65040 lb	1 8:35 AM	29200 lb	2 8:52 AM	35840 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

098331

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK # 352	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 715998
Date: 06/07/2023 9:00 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 954.260
Loads: 46

Truck: 78 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		22.59 tn	$10.00	$225.90	$0.00	$0.00	$0.00	$225.90
								$225.90

Material	Gross	Scale	Tare	Scale	Net
THFP	74500 lb	1 8:47 AM	29320 lb	2 9:00 AM	45180 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093465

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6-7-23	8:15	
TRUCK # 78	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	103 Smith Ave Camillus Liverpool Wy Mi First

NO. PIECES	ARTICLES OR DESCRIPTION		WEIGHT
1 load	Dirty Dirt	WEIGHT IN	
		WEIGHT OUT	
		BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION: Camillos land fill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716005
Date: 06/07/2023 9:15 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 973.260
Loads: 47

Truck: 331 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.00 tn	$10.00	$190.00	$0.00	$0.00	$0.00	$190.00
								$190.00

Material	Gross	Scale	Tare	Scale	Net
THFP	66860 lb	1 9:01 AM	28860 lb	2 9:15 AM	38000 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093466

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN	TIME OUT
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/7/23	8:30	8:40
TRUCK # 331	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	Uni-First / Fisher 103 Luther Ave Liverpool NY

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	66860
	WEIGHT OUT	28860
	BILLED WEIGHT	19.00

SHIPPER SIGNATURE _____ PRINT NAME Ross Spilo

DRIVER SIGNATURE _____ PRINT NAME Lee Jaysen

SPECIAL INSTRUCTIONS:

DESTINATION:

Com. Haul Land Fill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716017
Date: 06/07/2023 9:49 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 997.790
Loads: 48

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		24.53 tn	$10.00	$245.30	$0.00	$0.00	$0.00	$245.30
								$245.30

Material	Gross	Scale	Tare	Scale	Net
THFP	78200 lb	1 9:37 AM	29140 lb	2 9:49 AM	49060 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

098330

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK #	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	9:12	**WEIGHT IN**
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____ ☐ AM ☐ PM

BY _____ TIME _____

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716022
Date: 06/07/2023 10:01 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 1021.870
Loads: 49

Truck: 78 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		24.08 tn	$10.00	$240.80	$0.00	$0.00	$0.00	$240.80
								$240.80

Material	Gross	Scale	Tare	Scale	Net
THFP	77480 lb	1 9:49 AM	29320 lb	2 10:01 AM	48160 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093460

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6-7-23	9:20 am	
TRUCK # 78	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	103 Luther Ave Liverpool NY

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1 load	Dirty Dirt 9:22	WEIGHT IN WEIGHT OUT BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME Chuck Vandewalker

SPECIAL INSTRUCTIONS:

DESTINATION: Camillis landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716027
Date: 06/07/2023 10:19 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 1044.880
Loads: 50

Truck: 331 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		23.01 tn	$10.00	$230.10	$0.00	$0.00	$0.00	$230.10
								$230.10

Material	Gross	Scale	Tare	Scale	Net
THFP	74980 lb	1 10:06 AM	28960 lb	2 10:19 AM	46020 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093467

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/7/23	9:35AM	9:45
TRUCK # 331	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	Wilfast / Fisher 103 Luther Ave Liverpool NY

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	74980
	WEIGHT OUT	28960
	BILLED WEIGHT	23.01

SHIPPER SIGNATURE _____ PRINT NAME Kacy Spicer

DRIVER SIGNATURE _____ PRINT NAME Lee Traylor

SPECIAL INSTRUCTIONS:

DESTINATION:
Camillus Land Fill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716039
Date: 06/07/2023 10:48 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 1063.190
Loads: 51

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		18.31 tn	$10.00	$183.10	$0.00	$0.00	$0.00	$183.10
								$183.10

Material	Gross	Scale	Tare	Scale	Net
THFP	65740 lb	1 10:38 AM	29120 lb	2 10:48 AM	36620 lb

RICCELLI ENTERPRISES

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

098329

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217			
TRUCK # 352	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	10:15	**WEIGHT IN**
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716046
Date: 06/07/2023 11:12 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 1088.420
Loads: 52

Truck: 78 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		25.23 tn	$10.00	$252.30	$0.00	$0.00	$0.00	$252.30
								$252.30

Material	Gross	Scale	Tare	Scale	Net
THFP	79760 lb	1 10:59 AM	29300 lb	2 11:12 AM	50460 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093461

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6-7-23	10:25	
TRUCK # 78	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	103 Lasthar Ave Liverpool NY Unifirst / Fisher

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1 Load	Dirty Dirt 10:30	WEIGHT IN WEIGHT OUT BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME Chuck Underwood

SPECIAL INSTRUCTIONS:

DESTINATION: Cantuss landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716049
Date: 06/07/2023 11:26 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 1114.830
Loads: 53

Truck: 331 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		26.41 tn	$10.00	$264.10	$0.00	$0.00	$0.00	$264.10
								$264.10

Material	Gross	Scale	Tare	Scale	Net
THFP	81700 lb	1 11:16 AM	28880 lb	2 11:26 AM	52820 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093468

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN	/ OUT
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/7/23	10:16 AM	10:56
TRUCK # 331	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	Unifirst / Fisher 163 Luther Ave Liverpool NY

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	WEIGHT IN	81700
	WEIGHT OUT	28880
	BILLED WEIGHT	26'41

SHIPPER SIGNATURE _____ PRINT NAME Ross Shaw

DRIVER SIGNATURE _____ PRINT NAME Lee Jayson

SPECIAL INSTRUCTIONS:

DESTINATION:
Camillus landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716058
Date: 06/07/2023 11:46 AM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 1135.100
Loads: 54

Truck: 352 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		20.27 tn	$10.00	$202.70	$0.00	$0.00	$0.00	$202.70
								$202.70

Material	Gross	Scale	Tare	Scale	Net
THFP	69600 lb	1 11:36 AM	29060 lb	2 11:46 AM	40540 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

099214

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6/7		
TRUCK # 352	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	11.10 **WEIGHT IN**	
	WEIGHT OUT	
	BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716064
Date: 06/07/2023 12:13 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 1154.960
Loads: 55

Truck: 78 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		19.86 tn	$10.00	$198.60	$0.00	$0.00	$0.00	$198.60
								$198.60

Material	Gross	Scale	Tare	Scale	Net
THFP	68980 lb	1 12:01 PM	29260 lb	2 12:13 PM	39720 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093463

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	6-7-23	11:34	
TRUCK # 78	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	107 Liverpool Ny

NO. PIECES	ARTICLES OR DESCRIPTION		WEIGHT
1 load	Dirty Dirt 11:35	WEIGHT IN	
		WEIGHT OUT	
		BILLED WEIGHT	

SHIPPER SIGNATURE _____ PRINT NAME Ross Spina

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION: Camillus Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

Town Of Camillus
Landfill
4600 W. Genesee st
Syracuse NY, 13219

Ticket #: 716074
Date: 06/07/2023 12:32 PM
Phone: 3154884846
Fax: 3154888986

Customer: RIH
RICCELLI
PO BOX 6401
SYRACUSE NY, 13217

Order Number: RATE

Tons: 1176.260
Loads: 56

Truck: 331 -
Weigh Master: EC - Emily

Remarks: Thanks

Signature: _____

Material	Location	Quantity	Price	Material $	Delivery $	Misc $	Tax $	Line Total $
HARDFILL		21.30 tn	$10.00	$213.00	$0.00	$0.00	$0.00	$213.00
								$213.00

Material	Gross	Scale	Tare	Scale	Net
THFP	71360 lb	1 12:21 PM	28760 lb	2 12:32 PM	42600 lb

RICCELLI ENTERPRISES INC

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

093469

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER	DATE	TIME IN / OUT	
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	2/17/23	11	
TRUCK # 331	TRAILER #		

CONSIGNEE	SHIPPER
RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	150	**WEIGHT IN**
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:

DESTINATION:

Casella Landfill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____ ☐ AM ☐ PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

White Copy - *Riccelli* Yellow Copy - *Driver* Pink Copy - *Land Fill* Gold Copy - *Shipper*

J.4. Hazardous Soil Disposal Documentation (EnGlobe)

Volume Report

Job No: 27185 Projet - US #62779 | 103, Luther Av. Liverpool, NY - M27186

Disposal Facility: Montreal-East Soil Treatment Facility

From: 01/16/2023 **To:** 01/28/2023

Shipped Date	Received Date	Weight Ticket	US Manifest	Canada Manifest	Weight (MT)	Weight (Tons)	Trucking company
01/25/2023	01/25/2023	P-18735	022213129JJK	QX00779-6	28.67	31.60	Laidlaw
		Sub-Total for 01/25/2023:			**28.67**	**31.60**	
Total net weight for authorization (27185):					**28.67**	**31.60**	

Executed on: **01/30/2023**

eNGLOBe

Centre de traitement de sol / Soil Treatment Facility
8365, avenue Broadway Nord, Montréal (Québec) H1B 5X7

25/01/2023 07:34:01
25/01/2023 08:18:19

P- 18735

N° d'autorisation / *Authorization No.:* 27185

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>D)*

☐ Autres / *Other:* _____

Transporteur / *Carrier:* Laidlaw

Immatriculation / *Truck ID:* 46746 P2533P

Signature du conducteur / *Driver's signature*

Angie Contois

Acceptation des sols / *Soil acceptance*

Lot 3870 AT 7 (4-10)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID
GROSS 49550 kg
ID 67462533
GROSS 49550 kg

TARE 20880 kg
NET 28670 kg

Manifeste Canada QX00779-6

Manifeste USA 022213129 JJK

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

QX00779-6

Reference No." / "No de référence M27185

ADC/031495/06/22
Movement Document / Manifest Reference No.
N° de référence du document de mouvement / manifeste

A Generator / consignor name / Nom de producteur / expéditeur — Unique Identification Number / Numéro d'identification unique: MAD084814136

EQ Northeast, Inc.

Mailing addr. / Adr. postale: 185, Industrial Road | City / Ville: Wrentham | Prov.: Massachusetts | Country / Pays: United States | Postal code / Code postal: 02093

E-mail / Courrier électronique: Renee.Hansen@useology.com | Tel. No. / N° de tél: 734.576.0452

Shipping facility company name / Nom de l'entreprise du installation de l'envoi: EQ Northeast, Inc. | Unique Identification Number / Numéro d'identification unique: NYR000136788

Shipping facility addr. / Adr. du lieu de installation de l'envoi: 10, Terminal Drive | City / Ville: Latham | Prov.: New York | Country / Pays: United States | Postal code / Code postal: 12110

E-mail / Courrier électronique: Andrew.Buchanic@useology.com | Tel. No. / N° de tél: 508-384-6151 1219

2 Intended receiver / consignee name / Nom de réceptionnaire / destinataire prévu: ENGLOBE ENVIRONNEMENT INC. | Unique Identification Number / Numéro d'identification unique: 1146767646

Mailing addr. / Adr. postale: 8355 Avenue Broadway, Nord | City / Ville: Montréal-Est | Prov.: Quebec | Country / Pays: Canada | Postal code / Code postal: H1B 5X7

E-mail / Courrier électronique: dominique.trimboli@englobecorp.com | Tel. No. / N° de tél: 514-436-0060

4 Receiving facility company name / Nom de l'entreprise du installation de réception: ENGLOBE ENVIRONNEMENT INC. | Unique Identification Number / Numéro d'identification unique: 1146767646

Receiving facility addr. / Adr. du installation de réception: 8355 Avenue Broadway, Nord | City / Ville: Montréal-Est | Prov.: Quebec | Country / Pays: Canada | Postal code / Code postal: H1B 5X7

E-mail / Courrier électronique: dominique.trimboli@englobecorp.com | Tel. No. / N° de tél: 514-436-0060

B Carrier name / Nom de transporteur — 23 — Unique Identification Number / Numéro d'identification unique

Laidlaw Carriers Bulk 2856-SPORT

Mailing addr. / Adr. postale: 1179 Ridgeway Rd | City / Ville: Woodstock | Prov.: Ontario | Country / Pays: Canada | Postal code / Code postal: N4S 8Y6

E-mail / Courrier électronique | Tel. No. / N° de tél

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 / 1e remorque - wagon	P2533P	ont
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée	St Bruno de Lacolle, QC	Port of exit / Point de sortie	25
Date		Date	

Carrier Certification: *I certify that I have received waste or recyclable material from the generator/consignor for delivery to the receiver/consignee as set out in Part A and that the information contained in Part B is complete and correct.* 26
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur/expéditeur en vue de leur livraison au réceptionnaire/destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Christian Rousel | Tel. No. / N° de tél: 284-241-2026

Year / Année: 23 | Month / Mois: 01 | Day / Jour: 24 | Signature

Reference Nos. of other movement documents/manifests used / N° de référence des autres documents de mouvement/manifestes utilisés 27: 02221329 JDK

Receiver/consignee information same as in Part A / Les renseignements du réceptionnaire/destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

C Receiver/consignee name / Nom de réceptionnaire/destinataire — 20 — Unique Identification Number / Numéro d'identification unique

Receiving facility addr. / Adr. du installation de réception | City / Ville | Prov. | Country / Pays | Postal code / Code postal

E-mail / Courrier électronique | Tel. No. / N° de tél

Delivery date / Date de livraison 29: Year / Année: 2023 | Month / Mois: 01 | Day / Jour: 25 | Time / Heure: 07:45 ☑ A.M. ☐ P.M.

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) 36

3 Prov. code / Code prov.	6 UN No. / N° NU	4 Shipping name / Appellation réglementaire	5 Class / Classe Sub. Class(es) / Classe(s) sub	7 Packing/category / Gr. d'emballage/ catégorie	30 Toxic by inhalation / Toxique par inhalation	8 Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités	9 Packaging/Contenant No. / N°	Codes list.-ext.	10 Phys. state / État phys.
(i) ONB	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9		N/A	28478	kg	01	03	S23
(ii)										
(iii)										
(iv)										

31 Quantity received / Quantité reçue	Units / L or / ou Kg / Unités	32 Comments / Commentaires	33 Handling Code / Code de manutention	34 Shipment / Envoi: Accepted / Accepté	Refused / Refusé	35 Decont.: Pack. Cont.	Veh. Véh.
28670	Kg	OK	5	✓		✓	

11 Permit No. / N° de permis	Permit Line No. / N° de ligne de la permis	12 Shipment Envoi	Of / De	13 D or R code / Code D ou R	14 C code / Code C	15 Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE	16 H code / Code H	17 Y code / Code Y	National code in country of / Code national du pays d' 18: Export / Exportation	Import / Importation	19 Customs codes / Codes de douanes
(i) 712651	11	3	750	D8	C44+51+18	A3190; N/A	H12	Y31+33			3825.90.00.00
(ii)											
(iii)											
(iv)											

Receiver/consignee certification: *I certify that the information contained in Part C is correct and complete* 37
Attestation du réceptionnaire/destinataire : *J'atteste que tous les renseignements à la partie C sont exacts et complets*
Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie)
Signature | Tel. No. / N° de tél

Generator/consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations*
Attestation du producteur/expéditeur : *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de placards-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Richard Bellerose | Tel. No. / N° de tél: 506-863-1254 | 20

Signature

TDGR additional info / Info additionnelle RMTMD 38

Special handling / Manutention spéciale 22: ☐ Attached / Ci-joint: ☐ As follows / Ci-contre:

24-Hour Number / Numéro 24 heures 39

Date shipped / Date d'expédition: Year / Année: 23 | Month / Mois: 01 | Day / Jour: 24 | Time / Heure 21: ☐ A.M. ☑ P.M. 12:56

Scheduled arrival date / Date d'arrivée prévue: Year / Année: 23 | Month / Mois: 01 | Day / Jour: 24

ECCC XBR v1.0 (2020/03) **Additional carriers and waste lines on reverse / Transporteurs et lignes de déchets additionnels au verso** Copy / Copie 1 / Colour / Couleur Yellow

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000250514	1	1.339.221.3521	022213129 JJK

GENERATOR

5. Generator's Name and Mailing Address: UNIFIRST CORPORATION
68 Jonspin Road Wilmington, MA 01887
Generator's Phone: 339.221.3521

Generator's Site Address (if different than mailing address)
103 Luther Avenue (113 7th North Street)
Liverpool, New York 13088

6. Transporter 1 Company Name: Laidlaw Carriers Bulk GP Inc.
U.S. EPA ID Number: MIK 621 327 675

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: ENGLOBE ENVIRONMENT
6365 Avenue Broadway Nord Montreal-Est, Quebec H1B 5X7
U.S. EPA ID Number: 1167280206
Facility's Phone: 514.644.1405

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3077, Waste, Environmentally Hazardous Substances, Solid, n.o.s. (Tetrachloroethylene Impacted Soil), HC 9, PG III	001	DT	29418	K	F002	D039	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: *E.R.G. #171* ITN: X20230124293597
1) US Ecology of Latham NY is acting intermediary expediting export
2) US Consent: 03149506E/22/04/11 3) Canadian Notice 712851 4) Englobe Contract M-27185 5) ITN:

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: CATHERINE MALAGRIDA
Signature: C. Malagrida
Month: 1 Day: 24 Year: 23

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain, NY / Lacolle, QC
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Chris Bousquet
Signature:
Month: 1 Day: 24 Year: 23
Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
28670 Kg
Manifest Reference Number: P-18735

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: ANGIE COMTOIS
Signature:
Month: 01 Day: 25 Year: 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

U.S. to Canada Shipments
ACI eManifest

Laidlaw Carriers Bulk

TRIP # : **20XU** 80 1883 (computer #)
(Conveyance Reference Number)

Cargo Control # : 20XU 00257102 PARS - LAIDLAW CARRIERS BULK

AGENCE DES SERVICES FRONTALIERS DU CANADA 22575 Lacolle Rte 15 24 JA 2023 CANADA BORDER SERVICES AGENCY

Number of shipments: 1 of 1

Drivers Name : Chrestian Roussel

Cell # or Satellite : 289-241-2026

Tractor # : 844273 Plate # : P446746 ont

Trailer # 847031 Plate # P2533P ont

Trailer # _____ Plate # _____

BOLT/CABLE SEAL # : _____

Port of Arrival : Lacolle pe

Border ETA Date : 1-24-23

Border ETA Time : 2:30 pm

Customs Broker : [redacted] Dolbec

Does the Paperwork need to be faxed to the broker? YES (NO)

Fax To: 1-866-202-1222
Lead Sheet
ALL Bills of Lading
ALL Customs Documents

Contrans Customs Support Centre
1-866-231-0905

email: cchnby@contrans.ca

Revised January 2022

Order Number 1801883

Volume Report

Job No: 27185 Projet - US #62779 | 103, Luther Av. Liverpool, NY - M27186

Disposal Facility: Montreal-East Soil Treatment Facility

From: 01/29/2023 **To:** 02/04/2023

Shipped Date	Received Date	Weight Ticket	US Manifest	Canada Manifest	Weight (MT)	Weight (Tons)	Trucking company
02/01/2023	02/01/2023	P-20147	022213128JJK	QW00779-7	36.85	40.62	Laidlaw
		Sub-Total for 02/01/2023:			**36.85**	**40.62**	
Total net weight for authorization (27185):					**36.85**	**40.62**	

Executed on: **02/08/2023**

eNGLOBE

Centre de traitement de sol / Soil Treatment Facility
8365, avenue Broadway Nord, Montréal (Québec) H1B 5X7

P- 20147

N° d'autorisation / *Authorization No.:* 27185

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☐ *>RESC (>D)*

☐ Autres / *Other:* _____

Transporteur / *Carrier:* Laidlow

Immatriculation / *Truck ID:* 46746 2533

_____
Signature du conducteur / *Driver's signature*

_____
Acceptation des sols / *Soil acceptance*

Lot 3870 AT 7 (4-10)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID 67462533
GROSS 57730 kg
TARE 20880 kg
NET 36850 kg

Manifeste Canada QW00779-7

Manifeste USA 022213128 JJK

Order Number 1803813

eNGLOBe

Centre de traitement de sol / Soil Treatment Facility
8365, avenue Broadway Nord, Montréal (Québec) H1B 5X7

02/02/2023

P.: 20147

N° d'autorisation / *Authorization No.:* 27185

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☐ *>RESC (>D)*

☐ Autres / *Other:*

Transporteur / *Carrier:* Laidlaw

Immatriculation / *Truck ID:* 416746 2533

Signature du conducteur / *Driver's signature*

Acceptation des sols / *Soil acceptance*

Lot 3870 AT 7 (1 10)

Polythène ☑ OUI ☐ NON

Sable ☑ OUI ☐ NON

Humide ☐ OUI ☐ NON

Pesée / Weighing:

ID 67462533
GROSS 57730 kg
TARE 20880 kg
NET 36850 kg

Manifeste Canada QW02779-7

Manifeste USA 022213123 JJK

U.S. to Canada Shipments

ACI eManifest

Laidlaw Carriers Bulk

TRIP # : **20XU** 1803813 (computer #)
(Conveyance Reference Number)

Cargo Control # : 20 20XU 00323898 PARS - LAIDLAW CARRIERS BULK

Number of shipments: 1 of 1

AGENCE DES SERVICES FRONTALIERS DU CANADA 2818 Lacolle Rte 15 31 JA 2023 CANADA BORDER SERVICES AGENCY

Drivers Name : Christian Rousse

Cell # or Satellite : 289- 241- 2026

Tractor # : 044273 Plate # : PA46746 ont

Trailer # 047031 Plate # P2533 P ont

Trailer # Plate #

BOLT/CABLE SEAL # :

Port of Arrival : Lacolle, qc

Border ETA Date : 1-31-23

Border ETA Time : 2:00pm

Customs Broker : Dobbee

Does the Paperwork need to be faxed to the broker? YES NO

Fax To: 1-866-202-1222
Lead Sheet
ALL Bills of Lading
ALL Customs Documents

Contrans Customs Support Centre
1-866-231-0905

email: cchnby@contrans.ca

Revised January 2022

Order Number 1803813

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

QW00779-7

Reference No." / "No de référence M27185

AOX/031495/06E/22
Movement Document / Manifest Reference No.
N° de référence du document de mouvement / manifeste

A Generator / consignor name / Nom de producteur / expéditeur — Unique Identification Number / Numéro d'identification unique: MAD084814136

EQ Northeast, Inc.

Mailing addr. / Adr. postale: 185, Industrial Road | City / Ville: Wrentham | Prov.: Massachusetts | Country / Pays: United States | Postal code / Code postal: 02093

E-mail / Courrier électronique: Renee.Hansen@useology.com | Tel. No. / N° de tél: 734.576.0452

Shipping facility company name / Nom de l'entreprise du installation de l'envoi: EQ Northeast, Inc. | Unique Identification Number / Numéro d'identification unique: NYR000136788

Shipping facility addr. / Adr. du lieu de installation de l'envoi: 10, Terminal Drive | City / Ville: Latham | Prov.: New York | Country / Pays: United States | Postal code / Code postal: 12110

E-mail / Courrier électronique: Andrew.Bushame@useology.com | Tel. No. / N° de tél: 508-384-6151 1219

Intended receiver / consignee name / Nom de réceptionnaire / destinataire prévu: ENGLOBE ENVIRONNEMENT INC. | Unique Identification Number / Numéro d'identification unique: 1146767646

Mailing addr. / Adr. postale: 8365 Avenue Broadway, Nord | City / Ville: Montréal-Est | Prov.: Quebec | Country / Pays: Canada | Postal code / Code postal: H1B 5X7

E-mail / Courrier électronique: dominique.timbol@englobecorp.com | Tel. No. / N° de tél: 514-436-0560

Receiving facility company name / Nom de l'entreprise du installation de réception: ENGLOBE ENVIRONNEMENT INC. | Unique Identification Number / Numéro d'identification unique: 1146767646

Receiving facility addr. / Adr. du installation de réception: 8365 Avenue Broadway, Nord | City / Ville: Montréal-Est | Prov.: Quebec | Country / Pays: Canada | Postal code / Code postal: H1B 5X7

E-mail / Courrier électronique: dominique.timbol@englobecorp.com | Tel. No. / N° de tél: 514-436-0560

B Carrier name / Nom de transporteur — Unique Identification Number / Numéro d'identification unique

Mailing addr. / Adr. postale | City / Ville | Prov. | Country / Pays | Postal code / Code postal

E-mail / Courrier électronique | Tel. No. / N° de tél

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov.
Trailer - Rail car No. 1 / 1e remorque - wagon	P2539	ont
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée	St Bernard de Lacolle, QC	Port of exit / Point de sortie	
Date		Date	

Carrier Certification: *I certify that I have received waste or recyclable material from the generator/consignor for delivery to the receiver/consignee as set out in Part A and that the information contained in Part B is complete and correct.*
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur/expéditeur en vue de leur livraison au réceptionnaire/destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Chris Rennie | Tel. No. / N° de tél: 284-241-2024

Year / Année: 23 | Month / Mois: 01 | Day / Jour: 31 | Signature

Reference Nos. of other movement documents/manifests used / N° de référence des autres documents de mouvement/manifestes utilisés: 022213128 JSK

Receiver/consignee information same as in Part A / Les renseignements du réceptionnaire/destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

C Receiver/consignee name / Nom de réceptionnaire/destinataire — Unique Identification Number / Numéro d'identification unique

Receiving facility addr. / Adr. du installation de réception | City / Ville | Prov. | Country / Pays | Postal code / Code postal

E-mail / Courrier électronique | Tel. No. / N° de tél

Delivery date / Date de livraison

Year / Année	Month / Mois	Day / Jour	Time / Heure	
2023	02	16	08:04	☑ A.M. ☐ P.M.

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier):

3 Prov. code / Code prov.	6 UN No. / N° NU	4 Shipping name / Appellation réglementaire	5 Class / Classe Sub. Class(es) / Classe(s) sub.	7 Packing/category / Gr. d'emballage/ catégorie	10 Toxic by inhalation / Toxique par inhalation	8 Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités	9 Packaging/Contenant No. / N°	Codes	10 Phys. state / État phys.
i) ON	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9		N/A	31751	kg	01	03	S23
ii)										
iii)										
iv)										

31 Quantity received / Quantité reçue	Units / L or / ou Kg / Unités	32 Comments / Commentaires	33 Handling Code / Code de manutention	34 Shipment / Envoi: Accepted / Accepté	Refused / Refusé	35 Decont: Pack. Cont.	Veh. / Véh.
36850	Kg	OK	5	✓		✓	

11 Permit No. / N° de permis	Permit Line No / N° de ligne de la permis	12 Shipment / Envoi	Of / De	13 D or R code / Code D ou R	14 C code / Code C	15 Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE	16 H code / Code H	17 Y code / Code Y	18 National code in country of / Code national du pays d' Export / Exportation	Import / Importation	19 Customs codes / Codes de douanes
i) 712651	11	2	750	D8	C44+51+18	A3190; N/A	H12	Y11+31			3825.90.00.00
ii)											
iii)											
iv)											

Receiver/consignee certification: *I certify that the information contained in Part C is correct and complete.*
Attestation du réceptionnaire/destinataire : *J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): 37

Signature: Andrew Gomes

TDGR additional info / Info additionnelle RTMD: 38

Special handling / Manutention spéciale: ☐ Attached / Ci-joint: ☐ As follows / Ci-contre: 22

24-Hour Number / Numéro 24 heures: 39

Generator/consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Attestation du producteur/expéditeur: *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Richard Bellerose | Tel. No. / N° de tél: 506-803-1254 | 20

Signature

Date shipped / Date d'expédition: Year / Année: 23 | Month / Mois: 01 | Day / Jour: 31 | Time / Heure: 11:30 ☐ A.M. ☐ P.M. | 21

Scheduled arrival date / Date d'arrivée prévue: Year / Année: 23 | Month / Mois: 01 | Day / Jour: 31

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR000250514
2. Page 1 of: 1
3. Emergency Response Phone: 1.339.221.3521
4. Manifest Tracking Number: 022213128 JJK

GENERATOR

5. Generator's Name and Mailing Address: UNIFIRST CORPORATION
68 Jonspin Road, Wilmington, MA 01887
339.221.3521
Generator's Site Address (if different than mailing address): 103 Lutner Avenue (113 7th North Street)
Liverpool, New York 13088
Generator's Phone:

6. Transporter 1 Company Name: Laidlaw Carriers Bulk GP Inc.
U.S. EPA ID Number: MIK 621 327 675

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ENGLOBE ENVIRONMENT
8365 Avenue Broadway Nord Montreal-Est, Quebec H1B 5X7
U.S. EPA ID Number: 1167280206
Facility's Phone: 514.644.1405

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN3077, Waste Environmentally Hazardous Substances Solid, n.o.s. (Tetrachloroethylene Impacted Soil), HC 9, PG III	001	DT	79,000	LBS	F002	D039	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: *E.R.G. #171* ITN: X20230131688106
1) US Ecology of Latham NY is acting intermediary expediting export
2) US Consent: 031485/06E/22/04/11 3) Canadian Notice:712651 4) Englobe Contract# M- 27185 5) ITN:

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: CATHERINE MALAGRIDA
Signature: C. Malagrida
Month: 1 Day: 31 Year: 23

INT'L

16. International Shipments: ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain, NY / Lacolle, QC
Transporter signature (for exports only): Date leaving U.S.: 1-31-23

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Christian Russel
Signature:
Month: 1 Day: 31 Year: 23
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
36850 kg
Manifest Reference Number: P-20147
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: ANGY Gantois
Signature:
Month: 02 Day: 01 Year: 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

J.5. Non-Hazardous Dewatering Fluid Disposal Documentation

4

ATTENTION SHIPPERS! FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. SUN-14250 SUN 15028

Carrier No. TA-218

Page 1 of 1 1

Sun Environmental Corp. (SCAC)

(Name of carrier)

Date 1/3/23

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO: Consignee: American Recyclers Company

Street: 177 Wales Avenue

City: Tonawanda NY Zip Code: 14151

FROM: Shipper: DuPont Corporation

Street: 103 Luther Avenue

City: Liverpool State: NY Zip Code:

24 Hr. Emergency Contact Tel. No.: 866-897-3456

Route:

Vehicle Number: 203

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1-FF		Non-RCRA, Non-DOT Regulated Material (Contact Water and Sediment)	Est 5000		C	Exempt
		ACC - Garrett Lara - 01-03-23				
		JOB# 1001880 Approval #-62128816 P.O. #063511 Frac Tank #4				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID ☐ Check box if charges are to be collected
Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER DuPont Corporation

PER Jessica Wright (on Behalf of)

CARRIER Sun Environmental Corp.

PER

DATE 1/3/23

1

INVOICE

4655 Crossroads Park Drive
Liverpool, NY 13088

Phone: (315) 218-6995
Email: ar@sunenc.com
www.sunenvironmentalcorp.com

Invoice No.	**IN003426**
Invoice Date	**1/17/2023**
Due Date	**2/16/2023**
Terms	**Net 30 Days**
Project ID	**J001380**
Project Manager	**Mara Notaro**
PO No.	**Per Rick Montgomery**

BILL TO

UniFirst Corporation
PO BOX 650481
DALLAS, TX 75265-0481

SHIP TO

UniFirst Corporation
103 Luther Ave
Liverpool, NY 13088

SERVICES PROVIDED

Non-Haz Groundwater Transportation and Disposal (Frac Tank #4)

Partial Invoice

DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
January 2023			
Transportation of Non-Hazardous Groundwater (Per Load)	2.00	2,560.00	5,120.00
Disposal of Non-Hazardous Groundwater & Sediment (Per Gallon)	9,200.00	0.95	8,740.00
Fuel Surcharge	1.00	512.00	512.00

Thank you for your business!

Sub-total	$	14,372.00
Sales Tax	$	1,149.76
Total	**$**	**15,521.76**

ATTENTION SHIPPERS! FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. SUN-14288

Carrier No. 24-765

Page 1 of 1

Sun Environmental Corp. (Name of carrier) (SCAC)

Date 1/6/23

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO: Consignee: American Recyclers Company

Street: 177 Wales Avenue

City: Town Statesville NY Zip Code 14591

FROM: Shipper: Unifirst Corporation

Street: 103 Luther Avenue

City: Liverpool State: NY Zip Code

Emergency Contact Tel. No. 800-607-3663

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TF		Non-RCRA, Non-DOT Regulated Material (Grease Trap and Sediment)	4200 LBS	4200		

1/6/23

JOB# 001380
Approval # 8212861
P.O. # 068513
Trac Tank #4

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES: $

FREIGHT CHARGES
FREIGHT PREPAID ☐ Check box if charges are to be collected
Subject to Section 7 of conditions

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Unifirst Corporation

PER (On Behalf of)

CARRIER Sun Environmental

PER

DATE 1/6/22

AMERICAN LABELMARK COMPANY - CHICAGO, IL 60646

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No.

Carrier No.

Page of

(Name of Carrier) (SCAC)

Date 11/30/22

TO:
Consignee

Street

City State Zip Code

FROM:
Shipper

Street

City State Zip Code

Route

Vehicle Number

No. of Units & Container Type	BASIC DESCRIPTION (UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group)	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1		30#			
		11/30/22			

PLACARDS TENDERED: YES ☐ NO ☐

Rail (To be filled out by railroads only) Trailing Car Number

Signature

FEES
C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $
TOTAL CHARGES: $

FREIGHT CHARGES
Prepaid Collect
Check box when charges are collect

SHIPPER

PER

DATE 11-30-22

CARRIER

PER

DATE 11/30/22

1

Permanent post-office address of shipper.

STYLE P800-1 © 2018 LABELMASTER® (800) 621-5808 www.labelmaster.com

AMERICAN LABELMARK COMPANY - CHICAGO, IL 60646

ATTENTION SHIPPERS! FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No.

Carrier No.

Page ____ of ____ (Name of carrier) (SCAC) Date 11/30/22

TO:
Consignee
Street
City State Zip Code

Order:
Shipper
Street
City State Zip Code

Route

Vehicle Number

No. of Units & Container Type	BASIC DESCRIPTION (UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group)	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1		60LBS			

PLACARDS TENDERED: YES ☐ NO ☐

Note: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature

REMIT C.O.D. TO:
Address

COD Amt: $

COD FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES

SHIPPER

PER

DATE 11-30-22

CARRIER

PER

DATE 11/30/22

Permanent post-office address of shipper

STYLE B-210-4 ©2022 LABELMASTER® (800) 621-5808 www.labelmaster.com

ATTENTION SHIPPERS! FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. [illegible]

Page _____ of _____

Carrier No. _____

(Name of carrier) (SCAC)

Date 11-30-22

TO:
Consignee [illegible]

Street [illegible]

City [illegible] State NY Zip Code [illegible]

FROM:
Shipper [illegible]

Street [illegible]

City [illegible] State NY Zip Code [illegible]

Route

Vehicle Number

No. of Units & Container Type	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1	[illegible]	1500			
	Fax Tank #3 Page 2				
		11-30-22			

PLACARDS TENDERED: YES ☐ NO ☐

Note — If shipment is to be delivered to consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature

FREIGHT
C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID ☐ (Check box if prepaid)
FREIGHT MAY BE COLLECTED ☐ (Check box if collect)

RECEIVED, subject to classifications and tariffs in effect on the date of issue of this B/L, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is agreed that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including those on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

SHIPPER

PER On behalf of Mack Molding

CARRIER

PER [signature]

DATE 11/30/22

1

ATTENTION SHIPPERS! FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. SBU-13729

Carrier No. TA-709

Page 1 of 1

San Environmental Corp. (Name of carrier) (SCAC)

Date 12/19/12

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee Onondaga County DWEP

Street 650 Hiawatha Blvd

City Syracuse State NY Zip Code 13204

FROM:
Shipper UniFirst Corporation

Street 105 Luther Avenue

City Liverpool State NY Zip Code

24 hr. Emergency Contact Tel. No. 315-218-6995

Route

Vehicle Number 203

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT		Non-RCRA Non-DOT Regulated Liquid (Groundwater)	EST 5000		0	
		Job # R001282				
		Approval # 30595 - Misc. Non-Industrial Waste Water				
		Frac Tank #1 Part 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See MFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(e) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID ☐ except when box at right is checked
Check box if charges are to be collected ☐

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER UniFirst Corporation

PER Brian Mahoney

CARRIER San Environmental Corp.

PER

DATE 12/19/12

ONONDAGA COUNTY DEPARTMENT OF
WATER ENVIRONMENT PROTECTION
650 HIAWATHA BOULEVARD WEST
SYRACUSE, NY 13204-1194
PH: (315) 435-6820

INVOICE NUMBER
158207

WASTE HAULER DISPOSAL INVOICE

WASTE HAULER COMPANY NAME	Sur Env
NYSDEC PERMIT NO.	LICENSE PLATE NO. 2044611 - NY

ACCOUNT NAME & LOCATION

	PRINTED NAME	PRINTED ADDRESS	TELEPHONE NO.	PICKUP DATE
1.				
2.				
3.				
4.				

WASTE TYPE CODES: PLEASE CIRCLE ALL THAT APPLY

N901	ANIMAL WASTE	N907	MARINE HOLDING TANK WASTE	N836	LANDFILL LEACHATE
N903	CESSPOOL WASTE	N908	PORTABLE TOILET WASTE	N899	MISCELLANEOUS INDUSTRIAL
N905	HOLDING TANK WASTE	N909	SEPTAGE	N999A	GREASE TRAP WASTE
N905A	OUT OF COUNTY HOLDING TANK WASTE	N909A	OUT OF COUNTY SEPTAGE	N999	OTHER MISCELLANEOUS NON-INDUSTRIAL WASTE
N906	IMHOFF TANK WASTE	N913	SEWAGE TREATMENT SLUDGE		

Disposal of waste from non-residential accounts requires owner/operator signature verifying account and waste information. Residential accounts need not sign.

SERVICE ACCOUNT CERTIFICATION: The service account and waste type information contained on this Waste Hauler Disposal Invoice is true to the best of my knowledge and memory. I understand that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the New York State Penal Law.

	SIGNATURE	PRINTED NAME	COMPANY NAME & ADDRESS	DATE/TIME
1.				
2.				
3.				
4.				

HAULER ACKNOWLEDGMENT OF RECEIPT OF MATERIALS: The information contained on this Waste Hauler Disposal Invoice is true to the best of my knowledge and memory. I understand that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the New York State Penal Law. I further understand that the disposal of any waste not listed on my NYSDEC Part 364 Permit or my Onondaga County Waste Hauler Disposal Permit, falsification of any information contained on this invoice, or failure to adhere to County policies and procedures for the acceptance of hauled waste may result in revocation of my disposal privileges and the imposition of fines and penalties.

HAULER'S SIGNATURE — DATE

WASTE HAULER FACILITY OPERATOR: Certification of receipt of materials except as noted in the "comments" section below.

OPERATOR/WITNESS SIGNATURE — DATE — TIME

OBSERVATIONS & COMMENTS

1. DIPSTICK READING	2. GALLONS		
3. pH	4. SAMPLE TAKEN	YES	NO
5. COMMENTS			
6. CONTROL NUMBER			

WHITE COPY - DEPARTMENT — YELLOW COPY - HAULER

4

ATTENTION SHIPPERS! FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. Solo-14-21

Carrier No. 28-702

Page 1 of 1

Sun Environmental Corp. (Name of carrier) (SCAC)

Date 12/14/22

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee Onondaga County DW52

Street 650 Hiawatha Blvd

City Syracuse State NY Zip Code 13204

FROM:
Shipper Dalrad Corporation

Street 102 Luther Avenue

City Liverpool State NY Zip Code

24 hr. Emergency Contact Tel. No. 315-218-6993

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT		Non-RCRA Non-DOT Regulated Liquid (Groundwater)	5000 GAL		C	
		Job # 2201252				
		Approval # N999 - Misc. Non-Industrial Waste Water				
		Frac Tank # 1 PART 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID (except when box at right is checked) ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Dalrad Corporation

PER _____

CARRIER Sun Environmental Corp.

PER _____

DATE 12/14/22

1

ONONDAGA COUNTY DEPARTMENT OF
WATER ENVIRONMENT PROTECTION
650 HIAWATHA BOULEVARD WEST
SYRACUSE, NY 13204-1194
PH: (315) 435-6820

INVOICE NUMBER
158215

WASTE HAULER DISPOSAL INVOICE

WASTE HAULER COMPANY NAME	Sva. Env
NYSDEC PERMIT NO.	LICENSE PLATE NO. 3014CY

ACCOUNT NAME & LOCATION

	PRINTED NAME	PRINTED ADDRESS	TELEPHONE NO.	PICKUP DATE
1.				
2.				
3.				
4.				

WASTE TYPE CODES: PLEASE CIRCLE ALL THAT APPLY

N901	ANIMAL WASTE	N907	MARINE HOLDING TANK WASTE	N836	LANDFILL LEACHATE
N903	CESSPOOL WASTE	N908	PORTABLE TOILET WASTE	N899	MISCELLANEOUS INDUSTRIAL
N905	HOLDING TANK WASTE	N909	SEPTAGE	N999A	GREASE TRAP WASTE
N905A	OUT OF COUNTY HOLDING TANK WASTE	N909A	OUT OF COUNTY SEPTAGE	N999	OTHER MISCELLANEOUS NON-INDUSTRIAL WASTE
N906	IMHOFF TANK WASTE	N913	SEWAGE TREATMENT SLUDGE		

Disposal of waste from non-residential accounts requires owner/operator signature verifying account and waste information. Residential accounts need not sign.

SERVICE ACCOUNT CERTIFICATION: The service account and waste type information contained on this Waste Hauler Disposal Invoice is true to the best of my knowledge and memory. I understand that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the New York State Penal Law.

	SIGNATURE	PRINTED NAME	COMPANY NAME & ADDRESS	DATE/TIME
1.				
2.				
3.				
4.				

HAULER ACKNOWLEDGMENT OF RECEIPT OF MATERIALS: The information contained on this Waste Hauler Disposal Invoice is true to the best of my knowledge and memory. I understand that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the New York State Penal Law. I further understand that the disposal of any waste not listed on my NYSDEC Part 364 Permit or my Onondaga County Waste Hauler Disposal Permit, falsification of any information contained on this invoice, or failure to adhere to County policies and procedures for the acceptance of hauled waste may result in revocation of my disposal privileges and the imposition of fines and penalties.

HAULER'S SIGNATURE — DATE

WASTE HAULER FACILITY OPERATOR: Certification of receipt of materials except as noted in the "comments" section below.

OPERATOR/WITNESS SIGNATURE — DATE — TIME

OBSERVATIONS & COMMENTS

1. DIPSTICK READING		2. GALLONS	
3. pH		4. SAMPLE TAKEN	YES / NO
5. COMMENTS			
6. CONTROL NUMBER			

WHITE COPY: DEPARTMENT — YELLOW COPY: HAULER

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. 22-14240

Page 1 of 1

Sun Environmental Corp.
(Name of carrier) (SCAC)

Carrier No. 7A-709

Date 12/14/22

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee Onondaga County DEWP
Street 650 Hiawatha Blvd
City Syracuse State NY Zip Code 13204

FROM: Shipper Dunbar Corporation
Street 103 Lamar Avenue
City Liverpool State NY Zip Code
24 hr Emergency/Contact Tel. No. 315-218-6995

Route

Vehicle Number 203

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons; etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT		Non-RCRA Non-DOT Regulated Liquid (Groundwater)	EST 5000		G	
		Job # 22-14240				
		Approval # 4559 - Misc. Non-Industrial Waste Water				
		Frac Tank # 1 Part 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions: if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ Signature of Consignor

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID (except when box at right is checked) ☐ Check box if charges are to be collect.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Dunbar Corporation
PER
Permanent post-office address of shipper.

CARRIER Sun Environmental Corp.
PER
DATE 12/14/22

1

STYLE F370-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

ONONDAGA COUNTY DEPARTMENT OF
WATER ENVIRONMENT PROTECTION
650 HIAWATHA BOULEVARD WEST
SYRACUSE, NY 13204-1194
PH: (315) 435-6820

INVOICE NUMBER

15823

WASTE HAULER DISPOSAL INVOICE

WASTE HAULER COMPANY NAME	Sun Env
NYSDEC PERMIT NO.	LICENSE PLATE NO. 3 [illegible]

ACCOUNT NAME & LOCATION

	PRINTED NAME	PRINTED ADDRESS	TELEPHONE NO.	PICKUP DATE
1.				
2.				
3.				
4.				

WASTE TYPE CODES: PLEASE CIRCLE ALL THAT APPLY

N901	ANIMAL WASTE	N907	MARINE HOLDING TANK WASTE	N836	LANDFILL LEACHATE
N903	CESSPOOL WASTE	N908	PORTABLE TOILET WASTE	N899	MISCELLANEOUS INDUSTRIAL
N905	HOLDING TANK WASTE	N909	SEPTAGE	N999A	GREASE TRAP WASTE
N905A	OUT OF COUNTY HOLDING TANK WASTE	N909A	OUT OF COUNTY SEPTAGE	N999	OTHER MISCELLANEOUS NON-INDUSTRIAL WASTE
N906	IMHOFF TANK WASTE	N913	SEWAGE TREATMENT SLUDGE		

Disposal of waste from non-residential accounts requires owner/operator signature verifying account and waste information. Residential accounts need not sign.

SERVICE ACCOUNT CERTIFICATION: The service account and waste type information contained on this Waste Hauler Disposal Invoice is true to the best of my knowledge and memory. I understand that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the New York State Penal Law.

	SIGNATURE	PRINTED NAME	COMPANY NAME & ADDRESS	DATE/TIME
1.				
2.				
3.				
4.				

HAULER ACKNOWLEDGMENT OF RECEIPT OF MATERIALS: The information contained on this Waste Hauler Disposal Invoice is true to the best of my knowledge and memory. I understand that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the New York State Penal Law. I further understand that the disposal of any waste not listed on my NYSDEC Part 364 Permit or my Onondaga County Waste Hauler Disposal Permit, falsification of any information contained on this invoice, or failure to adhere to County policies and procedures for the acceptance of hauled waste may result in revocation of my disposal privileges and the imposition of fines and penalties.

HAULER'S SIGNATURE — DATE

WASTE HAULER FACILITY OPERATOR: Certification of receipt of materials except as noted in the "comments" section below.

OPERATOR/WITNESS SIGNATURE — DATE — TIME

OBSERVATIONS & COMMENTS

1. DIPSTICK READING	2. GALLONS Sand		
3. pH	4. SAMPLE TAKEN	YES	NO
5. COMMENTS			
6. CONTROL NUMBER			

WHITE COPY- DEPARTMENT YELLOW COPY-HAULER

AMERICAN LABELMARK COMPANY · CHICAGO, IL 60646 37171736-DAF

ATTENTION SHIPPERS! **FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT**

4

This Shipping Order

must be legibly filled in, in Ink Indelible Pencil, or in Carbon, and retained by the agent

Shipper No. SDO-19172

Carrier No. TA-700

Page 1 of 1

Date 11/4/19

Watt Environmental Corp.
(Name of carrier) (SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec 1

TO:
Consignee Onondaga County DWEP
Street 650 Hiawatha Blvd
City Syracuse State NY Zip Code 13204

FROM:
Shipper Unitrol Compressors
Street 103 Lotter Avenue
City Liverpool State NY Zip Code
24 hr. Emergency Contact Tel. No 315-218-9995

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 DM		Non-RCRA Haz. D001 Regulated Liquid (Condensate)	55 Gal			
		SDO # 19172				
		Approved # 9999 - Misc. Non-Industrial Waste Water				
		For Tank # 1 Part 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations

_____ Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Unitrol Compressors

PER _____

DATE _____

CARRIER Watt Environmental Corp.

PER _____

DATE 11/6/19

2

Permanent post-office address of shipper.

ONONDAGA COUNTY DEPARTMENT OF
WATER ENVIRONMENT PROTECTION
650 HIAWATHA BOULEVARD WEST
SYRACUSE, NY 13204-1194
PH: (315) 435-6820

INVOICE NUMBER
158225

WASTE HAULER DISPOSAL INVOICE

WASTE HAULER COMPANY NAME	Sun Env.
NYSDEC PERMIT NO.	LICENSE PLATE NO. 203

ACCOUNT NAME & LOCATION

	PRINTED NAME	PRINTED ADDRESS	TELEPHONE NO.	PICKUP DATE
1.				
2.				
3.				
4.				

WASTE TYPE CODES: PLEASE CIRCLE ALL THAT APPLY

N901	ANIMAL WASTE	N907	MARINE HOLDING TANK WASTE	N836	LANDFILL LEACHATE
N903	CESSPOOL WASTE	N908	PORTABLE TOILET WASTE	N899	MISCELLANEOUS INDUSTRIAL
N905	HOLDING TANK WASTE	N909	SEPTAGE	N999A	GREASE TRAP WASTE
N905A	OUT OF COUNTY HOLDING TANK WASTE	N909A	OUT OF COUNTY SEPTAGE	N999	OTHER MISCELLANEOUS NON-INDUSTRIAL WASTE
N906	IMHOFF TANK WASTE	N913	SEWAGE TREATMENT SLUDGE		

Disposal of waste from non-residential accounts requires owner/operator signature verifying account and waste information. Residential accounts need not sign.

SERVICE ACCOUNT CERTIFICATION: The service account and waste type information contained on this Waste Hauler Disposal Invoice is true to the best of my knowledge and memory. I understand that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the New York State Penal Law.

	SIGNATURE	PRINTED NAME	COMPANY NAME & ADDRESS	DATE/TIME
1.				
2.				
3.				
4.				

HAULER ACKNOWLEDGMENT OF RECEIPT OF MATERIALS: The information contained on this Waste Hauler Disposal Invoice is true to the best of my knowledge and memory. I understand that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the New York State Penal Law. I further understand that the disposal of any waste not listed on my NYSDEC Part 364 Permit or my Onondaga County Waste Hauler Disposal Permit, falsification of any information contained on this invoice, or failure to adhere to County policies and procedures for the acceptance of hauled waste may result in revocation of my disposal privileges and the imposition of fines and penalties.

HAULER'S SIGNATURE — DATE 10/17/17

WASTE HAULER FACILITY OPERATOR: Certification of receipt of materials except as noted in the "comments" section below.

OPERATOR/WITNESS SIGNATURE — DATE — TIME

OBSERVATIONS & COMMENTS

1. DIPSTICK READING	2. GALLONS 3000		
3. pH	4. SAMPLE TAKEN	YES	NO
5. COMMENTS			
6. CONTROL NUMBER			

WHITE COPY - DEPARTMENT — YELLOW COPY - HAULER

This Shipping Order

must be legibly filled in, in Ink Indelible Pencil, or in Carbon, and retained by the agent

Shipper No. SUN-14210

Carrier No. 7A-709

Page ____ of 1 1

Sun Environmental Corp. (Name of carrier) (SCAC)

Date 12/19/22

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec 1.

TO:
Consignee: Onondaga County DWEP
Street: 650 Hiawatha Boulevard
City: Syracuse State: NY Zip Code: 13204

FROM:
Shipper: Unifirst Corporation
Street: 103 Luther Avenue
City: Liverpool State: NY Zip Code:
24 hr. Emergency Contact Tel. No.: 315-218-6995

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1-TT		Non-RCRA, Non-DOT Regulated Liquid (Groundwater)	6500			G
		JOB# J001252 P.O.# 063456 Approval # N999 - Misc. Non-Industrial Waste Water Frac Tank # 3 Part 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
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I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Unifirst Corporation

PER [signature]

CARRIER Sun Environmental Corp.

PER [signature]

DATE 12/19/22

2

Permanent post-office address of shipper.

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This Shipping Order

must be legibly filled in, in Ink indelible Pencil, or in Carbon, and retained by the agent

Shipper No. SUN-14211

Page ____ of 1 1

Sun Environmental Corp.
(Name of carrier) (SCAC)

Carrier No. 7A-709

Date 12/19/22

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee: Onondaga County DWEP
Street: 650 Hiawatha Boulevard
City: Syracuse State: NY Zip Code: 13204

FROM:
Shipper: Unifirst Corporation
Street: 103 Luther Avenue
City: Liverpool State: NY Zip Code:
24 hr. Emergency Contact Tel. No.: 315-218-6995

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1-TT		Non-RCRA, Non-DOT Regulated Liquid (Groundwater)	E) 3000			C
		JOB# J001252 P.O. # 063450 Approval # N999 - Misc. Non-Industrial Waste Water From Tank # 3 Part 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature of Consignor

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID ☐ Check box if charges are to be collect except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Unifirst Corporation
PER M. Napo on behalf of K O'Brien
DATE

CARRIER Sun Environmental Corp.
PER
DATE 12/19/22

2

Permanent post-office address of shipper.

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This Shipping Order

must be legibly filled in, in Ink indelible Pencil, or in Carbon, and retained by the agent

Shipper No. SUN-14212

Page ____ of 1 1

Sun Environmental Corp.
(Name of carrier) (SCAC)

Carrier No. TA-709

Date 12/19/22

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO: Consignee: Onondaga County DWEP

Street: 650 Hiawatha Boulevard

City: Syrac State: NY Zip Code: 13204

FROM: Shipper: Unifirst Corporation

Street: 103 Luther Avenue

City: Liverpool State: NY Zip Code:

24 hr. Emergency Contact Tel. No. 315-218-6995

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1-FT		Non-RCRA, Non-DOT Regulated Liquid (Groundwater)	EST 5000			G
		JOB# J001252 P.O. #0034560				
		Approval # N999 - Misc. Non-Industrial Waste Water				
		Frac Tank # 3 Part 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Unifirst Corporation

PER [signature] on behalf of K Baker

CARRIER Sun Environmental Corp.

PER [signature]

DATE 12/19/22

2

Permanent post-office address of shipper.

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This Shipping Order

must be legibly filled in, in Ink indelible Pencil, or in Carbon, and retained by the agent

Shipper No. SUN-14215

Page ____ of ____ 1

Sun Environmental Corp.
(Name of carrier) (SCAC)

Carrier No. 7A-709

Date 12/19/22

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO: Onondaga County DWEP
Consignee

Street 650 Hiawatha Boulevard

City Syracuse State NY Zip Code 13204

FROM: Shipper Unifirst Corporation

Street 103 Luther Avenue

City Liverpool State NY Zip Code

24 hr. Emergency Contact Tel. No. 315-218-6995

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1-TT		Non-RCRA, Non-DOT Regulated Liquid (Groundwater)	Est 2000			C
		JOB# J001252 P.O.# 0063456				
		Approval # N999 - Misc. Non-Industrial Waste Water				
		Frac Tank # 3 Part 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Unifirst Corporation	CARRIER Sun Environmental Corp.
PER [signature]	PER [signature]
	DATE 12/19/22

2

Permanent post-office address of shipper.

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This Shipping Order

must be legibly filled in, in Ink indelible Pencil, or in Carbon, and retained by the agent

Shipper No. SUN-14252

Carrier No. TA-709

Page ____ of 1 1

Sun Environmental Corp.
(Name of carrier) (SCAC)

Date 12.2022

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee: Onondaga County DWEP
Street: 650 Hiawatha Boulevard
City: Syracuse State: NY Zip Code: 13204

FROM:
Shipper: Unifirst Corporation
Street: 103 Luther Avenue
City: Liverpool State: NY Zip Code:
24Hr. Emergency Contact Tel. No.: 800-807-7455

Route

Vehicle Number 306

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
-TT		Non-RCRA, Non-DOT Regulated Material (Groundwater)	est 1400	G	T	
		JOB# J001252 Approval # N099- Misc. Non-Industrial Waste Water PO # 063456 Frac Tank #2 Part 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ $

TOTAL CHARGES $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER UniFirst Corporation

PER Sofia Abucarbe (On Behalf of)

CARRIER Sun Environmental Corp.

PER

DATE 12-20-22

2

Permanent post-office address of shipper.

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ATTENTION SHIPPERS! FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. SBN-142564

Carrier No. [illegible]

Page 1 of 1 1 Sun Environmental Corp (Name of carrier) (SCAC)

Date 12/28/22

TO: Consignee American Recyclers Company

Street 177 Wales Avenue

City Town Sausalito NY Zip Code 14851

FROM: Shipper General Corporation

Street 103 Letter Avenue

City Liverpool State NY Zip Code

Shipper Phone No. 800-807-7455

Route

Vehicle Number 203

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 CY		Non-RCRA, Non-DOT Regulated Material (Treated Water and Sediment)	4965	G.W.T.	G	
		JOB# 1001530 Approval # 8210-9161 P.O. # 0468509 Proj. Mgr. #	Matthew Gaul 12/28/22			

PLACARDS TENDERED: YES ☐ NO ☐

Note — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

Shipper hereby certifies that he is familiar with all the terms and conditions of the bill of lading, including those on the back hereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Signature

FREIGHT C.O.D. TO FOOTPRINT

COD Amt: $

C.O.D. FEE PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES

	Check box if prepaid
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:	
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.	

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Agent of carrier or other person executing this bill of lading on behalf of carrier certifies that he is authorized to do so and that carrier is bound by the terms and conditions of this bill of lading.

Shipper hereby certifies that he is familiar with all the terms and conditions of the bill of lading, including those on the back hereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER UniFirst Corporation

PER [signature] (In Behalf Of)

CARRIER Sun Environmental Corp.

PER [signature]

DATE 12/28/22

1

JOB-37104

AMERICAN LABELMARK COMPANY - CHICAGO, IL 60618 (773) 478-0900

ATTENTION SHIPPERS! FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. SUN-14255

Page 1 of 1 1

Carrier No: TA-709

Date: [redacted]

San Environmental Corp.
(Name of carrier) (SCAC)

TO: **American Recyclers Company**
Consignee

Street: **177 Wales Avenue**

City: **Tonawanda** NY Zip Code: **14151**

FROM: **UniFirst Corporation**
Shipper

Street: **163 Luther Avenue**

City: **Liverpool** State: **NY** Zip Code

Tel. Emergency Contact No.: **800-877-7455**

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1-TT		**Non-RCRA, Non-DOT Regulated Material (Ground Water and Sediment)**	4000	4926	G	Exempt
			ESC			
		ARL - Garrett Sala - 12-29-22				
		JOB# 100180 App.# 82128 P.O.# 0003510 Frac Tank #4				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. As follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability unless a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the amount provided by such provisions. See Section 7 of Conditions, if this bill of lading is issued on the shipper's own form.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 9(b) of Conditions, if this bill of lading is issued on the shipper's own form.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transportation, according to Applicable international and national governmental regulations.

Signature

Send C.O.D. TO:
Address

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES: PREPAID ☐ COLLECT ☐

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature of Consignor

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this bill of lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is agreed as to each carrier of all or any portion of said route to deliver to another carrier on the route to said destination. It is agreed as to each carrier of all or any portion of said route that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including those on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____.

SHIPPER: **UniFirst Corporation**

PER: [signature] (On Behalf of)

CARRIER: **San Environmental Corp.**

PER: [signature]

DATE: 12-29-22

1

Permanent post-office address of shipper:

BILL OF LADING © 2018 LABELMASTER® (800) 621-5808 www.labelmaster.com

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. [illegible]

Carrier No. [illegible]

Page _____ of _____

Sea Environmental Corp.
(Name of carrier) (SCAC)

Date [illegible]

On Collect on Delivery shipments, the letters 'COD' must appear before and after the consignee's name or as otherwise provided in Rule 410, Sec 1

TO:
Consignee Onondaga County (7062)

Street 650 Hiawatha Blvd

City Syracuse State NY Zip Code 13204

FROM
Shipper Unifrax Corporation

Street 600 Lathan Avenue

City Liverpool State NY Zip Code

24 Hr. Emergency Contact Tel. No. 315 218 6995

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 T1		Non-RCRA Non-DOT Regulated Liquid (Dry material)	1 T1		C	
		Sub # 2001752 Approval # 20099 - Misc. Non-Industrial Waste Water				
		Unit # 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provides, specific written release of the carrier's liability shall not be a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value. But carrier's liability shall be limited to the extent provided by such provision. See NMTC Item 370.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so packed as to ensure safe transportation with ordinary care. See Section 2(e) of Uniform Bill of Lading. Except that the liability and limitations of charges and liabilities of the Carrier's Terms and Conditions for a Bill of Lading shall apply.

If hazardous declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

_____ Signature

REMIT C.O.D. TO: Address/Via

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES (Subject to Correction)

Shipper hereby certifies that he is familiar with all the bailing terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Unifrax Corporation

PER [illegible]

DATE [illegible]

CARRIER [illegible]

PER [illegible]

DATE [illegible]

4

Permanent post-office address of shipper.

STYLE F309-4 © 2012 LABELMASTER® (800) 621-5808 www.labelmaster.com

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Page _____ of _____

Shipper No. _____

Carrier No. _____

Date _____

(Name of carrier) (SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or another service provided in Item 430, Sec. II.

TO: Consignee

Street

City State Zip Code

FROM: Shipper

Street

City State Zip Code

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION: UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)

PLACARDS TENDERED: YES ☐ NO ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that apply to the transportation.

Shipper hereby certifies that he is familiar with all the terms and conditions of the bill of lading, including those on the back hereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Signature

PERMIT:

C.O.D. TO:

Address

COD Amt: $

Shipper hereby certifies that he is familiar with all the terms and conditions of the bill of lading, including those on the back hereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature of Consignor

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES: $

FREIGHT CHARGES: Prepaid ☐ Collect ☐ Check and charges are due

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

NOTICE: Applicable bill of lading terms and conditions are incorporated herein by reference and are available upon request. Shipper certifies that he is familiar with all the bill of lading terms and conditions in the governing classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper and as to each party at any time interested in all or any part of the property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth in the classification or tariff which governs the transportation of this shipment as of the date of shipment.

SHIPPER

PER

CARRIER

PER

DATE

4

Permanent post-office address of shipper.

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This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Page 1 of 1

Sun Environmental Corp.
(Name of carrier) (SCAC)

Shipper No. [illegible]3

Carrier No. [illegible]

Date 1/[illegible]

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name and all allowable possible fees must be prepaid, collected or guaranteed.

TO:
Consignee Onondaga County DWSP

Street 650 Hiawatha Blvd

City Syracuse State NY Zip Code 1320[illegible]

Route

Ship From:
Shipper Unifirst Corporation

Street 105 Lafian Avenue

City Liverpool State NY Zip Code

315 218 6995

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION: UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT		Non-RCRA Non-DOT Regulated Liquid (Groundwater)	[illegible]			
		Job # J001253				
		Approval # N999 - Misc. Non-Industrial Waste Water				
		Inv. Item # 3				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable law provides specific limitation of the carrier's liability absent a release for a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 4(d) of the Uniform Bill of Lading, Rule 41 of the Rules and Regulations of Charges and Section 10(a) of the Conditions, Terms and Conditions for a full of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

FREIGHT
C.O.D. TO:
ADDRESS

COD AMT. $

C.O.D. FEE:
PREPAID ☐
COLLECT ☐ $

TOTAL
CHARGES $

FREIGHT CHARGES

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and such terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Unifirst Corporation

PER [illegible]

CARRIER Sun Environmental Corp.

PER [illegible]

DATE 1/[illegible]

4

Permanent post-office address of shipper.

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This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. ....

Carrier No. TA-209

Page ... of ...

San Environmental Corp.
(Name of carrier) (NEAC)

Date ...

On collect on delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 405, Sec. 1

TO:
Consignee Onondaga County DWEP

Street 650 Hiawatha Blvd

City Syracuse State NY Zip Code 13204

FROM:
Shipper United Corporation

Street 100 Ladner Avenue

City Liverpool State NY Zip Code ...

315-218-6995

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 T1		Non-RCRA Non-DOT Regulated Liquid (Groundwater)				
		Sub # 3001253 Approval # 70999 - Misc. Non-Industrial Waste Water				
		Tank Truck # 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ... per ..."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration, no release and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMTC Rule 818
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading. Freight Bills and Statements of Charges and Section 7(a) of the Standard Terms and Conditions for a full set of rules.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT C.O.D. TO:
ADDRESS

COD Amt. $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES
WAYBILLING ... Check box if charges are to be collected

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature of Consignor

ACCEPTED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is agreed as to each carrier of all or any of said property over all or any portion of said route to the destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER United Corporation

PER ...

CARRIER San Environmental Corp.

PER ...

DATE ...

4

Permanent post-office address of shipper.

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This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. [illegible]

Carrier No. 7A-709

Page 1 of 1

Sun Environmental Corp. (Name of carrier) (SCAC)

Date [illegible]

On C.O.D. or Delivery shipments, the letters "COD" must appear before consignee's name or an otherwise prohibited form will be used.

SO:
Consignee Onondaga County DWEP
Street 650 Hiawatha Blvd
City Syracuse State NY Zip Code 13204

FROM: Shipper Ondrad Corporation
Street 103 Fulton Avenue
City Liverpool State NY Zip Code
315-218 6925

Route

Vehicle Number 2-03

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Corrections)	RATE	CHARGES (For Carrier Use Only)
1 TT		Non-RCRA Non-DOT Regulated Liquid (Groundwater)	[illegible]		O	
		Job # 2001352				
		Approved # 39999 - Misc. Non-Industrial Waste Water				
		Rec Tank # 2				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (A) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.
(B) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.

I hereby declare that the contents of this consignment are true and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

FREIGHT C.O.D. TO:
ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

SCAC CHARGES $

SHIPPER'S CHARGES: EXCEPTIONS Check box if applicable ☐

REMEMBER, subject to the descriptions and entries in whichever box ends of this Straight Bill of Lading, properly described, marked and packaged, and labeled as per applicable regulations, and in proper condition for transportation, including the applicable regulations of the Department of Transportation, and any other applicable law, rules, and regulations, if any, governing any shipment or movement of the property described herein, whether by rail, motor, water, or air, including all the terms and conditions of the governing classifications and tariffs in effect on the date of issue of this Straight Bill of Lading, as to the rates, classifications, and all other matters which such rules and regulations govern, whether printed or written, or both, including those on the front and back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Notice and agree to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, or both, including those on the front and back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper hereby certifies that he is familiar with all the terms and conditions in the governing classifications and the conditions and terms are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Ondrad Corporation

PER

DATE

CARRIER Sun Environmental Corp.

PER

DATE

4

Permanent post-office address of shipper.

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This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. [illegible]

Carrier No. 22-309

Page 1 of 1

Stan Environmental Corp.
(Name of carrier) (SCAC)

Date 11/21/22

TO:
Consignee Onondaga County DSW2

Street 650 Hiawatha Blvd

City Syracuse NY Zip Code 13208

From:
Shipper United Corporation

Street 161 Lake Avenue

City Liverpool State NY Zip Code

315-218-8895

Route

Vehicle Number 2

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (weight, volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 TT		Non-RCRA Non-DOT Regulated Liquid (Groundwater)	0.77 T			
		Job # 2001252				
		Approval # 3999 - Misc. Non-Industrial Waste Water				
		Tote Bin # 3				

PLACARDS TENDERED: YES ☐ NO ☐

Rate (...) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

If no amount is inserted and the shipper does not otherwise state the carrier's liability shall be limited to the extent provided by such provisions. (See NMFTA Item 168)

Bulk Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 7(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of Item 370, Contract Terms and Conditions for a list of such articles.

Hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

FREIGHT C.O.D. TO: (If Required)

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

SUBJECT CHARGES
PREPAID ☐ COLLECT ☐

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is hereby agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any such property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official Classification in effect on the date of shipment.

Shipper hereby certifies that he is familiar with all the bills terms and conditions in the governing classifications and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER United Corporation

PER _____

Permanent post-office address of shipper.

CARRIER Stan Environmental Corp.

PER _____

DATE 11/21/22

4

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J.6. Hazardous Dewatering Fluid Disposal and Certificates of Destruction

Tradebe Environmental Services, LLC

1433 E 83rd Ave, Suite 200,
Merrillville, IN 46410
www.tradebeusa.com

CERTIFICATE OF DESTRUCTION

To whom this may concern

This certificate is to verify that the waste described below, is handled in accordance with local, state, and federal regulations.

Name: UniFirst Corportation

Address: 113 7th N Street Liverpool , NY 13088

Sales Order:

Facility
TTR Northeast Cohoes 628 S. Saratoga Street Cohoes , NY 12047 EPA ID: CTD021816889

Profile	Manifest / Page / Line	Quantity	Hcode
1000385816	016495053FLE 00001/001	5629.000 TT	H040

Robert O´Brien
Executive Vice President of Operations

NORLITE, LLC

Date:08/19/2022

On behalf of its subsidiary:TTR Northeast, LLC

RESPONSIBLE SM
RECYCLING
A commitment to our generators
our employees and our
community.

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000250514	1	844-873-8723	016495053FLE

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corportation
68 68 Jospin Road
Wilmington MA, 01887

Generator's Phone: 210-365-8572

Generator's Site Address (if different than mailing address)
113 113 7th N Street
Liverpool NY, 13088

6. Transporter 1 Company Name: SUN ENVIRONMENTAL
U.S. EPA ID Number: NYR000176958

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
NORLITE, LLC
628 628 SARATOGA STREET
COHOES NY, 12047

Facility's Phone: 518-235-0401

U.S. EPA ID Number: NYD080469935

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082 WASTE HAZARDOUS WASTE, LIQUID, N.O.S. (VINYL CHLORIDE) 9 III	1	TT	5629	G	D043 D028
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
MARA NOTARO	MARA NOTARO	08	19	2022

INT'L

16. International Shipments ☐ Import to U.S ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
TIM EVERETT	TIM EVERETT	08	19	2022
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
BEN RADON	BEN RADON	08	19	2022

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Tradebe Environmental Services, LLC

1433 E 83rd Ave, Suite 200,
Merrillville, IN 46410
www.tradebeusa.com

CERTIFICATE OF DESTRUCTION

To whom this may concern

This certificate is to verify that the waste described below, is handled in accordance with local, state, and federal regulations.

Name: UniFirst Corportation

Address: 113 7th N Street Liverpool , NY 13088

Sales Order:

Facility
TTR Northeast Cohoes 628 S. Saratoga Street Cohoes , NY 12047 EPA ID: CTD021816889

Profile	Manifest / Page / Line	Quantity	Hcode
1000385816	016495057FLE 00001/001	5728.000 TT	H040

Robert O´Brien
Executive Vice President of Operations

NORLITE, LLC

Date:08/12/2022

On behalf of its subsidiary:TTR Northeast, LLC

RESPONSIBLE SM
RECYCLING
A commitment to our generators
our employees and our
community.

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000250514	1	844-873-8723	016495057FLE

GENERATOR

5. Generator's Name and Mailing Address
UniFirst Corportation
68 68 Jospin Road
Wilmington MA, 01887

Generator's Phone: 210-365-8572

Generator's Site Address (if different than mailing address)
113 113 7th N Street
Liverpool NY, 13088

6. Transporter 1 Company Name: SUN ENVIRONMENTAL
U.S. EPA ID Number: NYR000176958

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
NORLITE, LLC
628 628 SARATOGA STREET
COHOES NY, 12047

Facility's Phone: 518-235-0401

U.S. EPA ID Number: NYD080469935

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082 WASTE HAZARDOUS WASTE, LIQUID, N.O.S. (VINYL CHLORIDE) 9 III	1	TT	5728	G	D028 D043
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
MARA NOTARO	MARA NOTARO	08	12	2022

INT'L

16. International Shipments ☐ Import to U.S ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
TIM EVERETT	TIM EVERETT	08	12	2022
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
BEN RADON	BEN RADON	08	12	2022

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Tradebe Environmental Services
Land Disposal Restriction Notification Form



The waste described on waste stream profile 1000385816 is not regulated under RCRA 40 CFR,

The waste described on waste stream profile, 1000385816 does not meet the applicable treatment standards in 40 CFR 268 Subpart D.

TREATABILITY GROUP

This is a wastewater stream. This is a non-wastewater stream.

CODE	SUBCATEGORY/CONSTITUENTS	CODE	SUBCATEGORY/CONSTITUENTS	CODE	SUBCATEGORY/CONSTITUENTS
D001	Ignitable Wastes (TOC>10%)	D010*	Selenium	D025*	p-Cresol
D001*	Ignitable Wastes (TOC<10%) Managed in Non-CWA or equivalent/Non-Class 1 SDWA System			D026*	Cresol (Total)
D001*	Ignitable Wastes (TOC<10%) Managed in CWA or equivalent/Class 1 SDWA System			D027*	p-Dichlorobenzene
D002*	Corrosive Wastes Managed in Non-CWA or Equivalent/Non-Class 1 SDWA System			D028*	1,2-Dichloroethane
D002*	Corrosive Wastes Managed in CWA or Equivalent/Class 1 SDWA System			D029*	1,1-Dichloroethylene
D003	Reactive sulfides based on 261.23(a)(5)	D011*	Silver	D030*	2,4-Dinitrotoluene
D003*	Other Reactive based on 261.23(a)(1)	D012*	Endrin	D031*	Heptachlor
D003*	Water Reactive based on 261.23(a)(2),(3),(4)	D013*	Lindane	D032*	Hexachlorobenzene
D003	Reactive Cyanides based on 261.23(a)(5)	D014*	Methoxychlor	D033*	Hexachlorobutadiene
D004*	Arsenic	D015*	Toxaphone	D034*	Hexachloroethane
D005*	Barium	D016*	2,4-D	D035*	Methyl ethyl ketone
D006*	Cadmium	D017*	2,4,5-TP (Silvex)	D036*	Nitrobenzene
D006*	Cadmium Containing Batteries	D018*	Benzene	D037*	Pentachlorophenol
D007*	Chromium	D019*	Carbon Tetrachloride	D038*	Pyridine
D008*	Lead	D020*	Chlordane	D039*	Tetrachloroethylene
D008*	Lead Acid Batteries	D021*	Chlorobenzene	D040*	Trichloroethylene
D009*	High Mercury-Organic>260ppm Hg	D022*	Chloroform	D041*	2,4,5-Trichlorophenol
D009*	High Mercury-Inorganic<260ppm Hg	D023*	o-Cresol	D042*	2,4,6-Trichlorophenol
D009*	Low Mercury <260ppm	D024*	m-Cresol	D043*	Vinyl chloride
D009*	Mercury Wastewater				

If the waste identified by an asterisk(*) contain any Underlying Hazardous Constituents (see APPENDIX I) per 268.7(a)(1)

F001 - F005 LISTED WASTE

CODE	CONSTITUENTS	CODE	CONSTITUENTS	CODE	CONSTITUENTS	CODE	CONSTITUENTS
F001	Carbon tetrachloride	F002	Tetrachloroethylene	F003	Ethyl ether	F004	Nitrobenzene
F001	Chlorinated Flurocarbons	F002	1,1,1-Trichloroethane	F003	Methanol	F005	Benzene
F001	Methylene chloride	F002	Trichloroethylene	F003	Methyl isobutyl ketone	F005	Carbon disulfide
F001	Tetrachloroethylene	F002	1,1,2-Trichloro-1,2,2-trifluoroethane	F003	Xylenes	F005	2-Ethoxyethanol Only
F001	1,1,1-Trichloroethane	F002	Trichlorofluoromethane	F003	Contains any combination of following:Carbon Disulfide,Cyclohexanone and Methanol (F003/F005 ONLY)	F005	Isobutanol
F001	Trichloroethylene	F003	Acetone	F004	O-Cresol	F005	Methyl ethyl ketone
F002	Chlorobenzene	F003	n-Butyl alcohol	F004	M-Cresol	F005	2-Nitropropane Only
F002	o-Dichlorobenzene	F003	Cyclohexanone	F004	P-Cresol	F005	Pyridine
F002	Methylene chloride	F003	Ethyl acetate	F004	Cresol Mixed Isomers(Cresylic acid)	F005	Toluene
F002	1,1,2-Trichloroethane	F003	Ethylbenzene			F005	Contains any combination of following:Carbon Disulfide,Cyclohexanone and Methanol(F003/F005 ONLY)

CODE	SUBCATEGORY/CONSTITUENTS
F025	Light Ends
F025	Spent filters/aids and dessicants
K006	Anhydrous
K006	Hydrated
K069	Low Lead
K069	High Lead
K071	Non wastewaters that are residues from RMERC
K071	Non wastewaters not residues from RMERC
K071	All K071 wastewaters
K106	Non wastewaters that contain > 260ppm Hg
K106	Non wastewaters that contain < 260ppm Hg from RMERC
K106	Other non wastewaters that contain <260ppm Hg
K106	All K106 wastewaters
K175	Non wastewaters
K175	All K175 wastewaters
P047	4,6 dinitro-o-cresol

CODE	SUBCATEGORY/CONSTITUENTS
P047	4,6-dinitro-o-cresol salts
P065	Non Wastewater, not incinerator or RMERC residue
P065	Non Wastewaters from RMERC<260ppm Hg
P065	Non wastewater incinerator residue <260ppm
P065	All P065 wastewaters
P065	Non wastewaters from incinerator or RMERC residue w/ >260ppm Hg
P092	Non Wastewater, not incinerator or RMERC residue
P092	Non Wastewaters from RMERC <260ppm Hg
P092	Non wastewater incinerator residue <260ppm
P092	All P092 wastewaters
P092	Non wastewaters incinerator or RMERC residues >260ppm Hg
U151	Non wastewaters >260ppm total Hg
U151	Non wastewaters from RMERC residues w/ <260ppm Hg
U151	Non wastewaters from not RMERC residues w/ <260ppm Hg
U151	All U151 (mercury) wastewaters
U240	2,4-D
U240	2,4-D salts and esters

OTHER WASTE CODES For all other waste codes please use continuation page

CERTIFICATION

certify under penalty of law that I am familiar with this waste and all information is true and accurate and in compliance with the standards specified in 40CFR Part 268 SubpartD and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

Name Printed : Mara Nelson on behalf of

Title : PM on behalf of

Authorized Signature: Mara Nelson

Date : 08/12/2022

TRADEBE ENVIRONMENTAL SERVICES LDR CONTINUATION

Waste Stream Profile 1000385816

ALL OTHER WASTE CODES

CODE **SUBCATEGORY/CONSTITUENTS**

TRADEBE

APPENDIX I - LDR - UNIVERSAL TREATMENT STANDARDS: REGULATED CONSTITUENTS D001,D002,D012-D043

CHEMICALS THAT ARE PRESENT IN AMOUNTS GREATER THAN TREATMENT STANDARDS IN WASTE STREAM PROFILE 1000385816

APPENDIX II

EPCRA and Homeland Security Chemicals of Interest Declaration

Waste Stream Profile 1000385816

Constituents	Min	Max	UoM	EPCRA 313	DHS

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD980536814

2. Page 1 of

3. Emergency Response Phone: (800) 892-0455

4. Manifest Tracking Number: 016495053 FLE

5. Generator's Name and Mailing Address: UniFirst Corporation, 68 Joseph Road, Wilmington, MA 01887

Generator's Site Address (if different than mailing address): 115 7th North Street, Liverpool, NY 13088

Generator's Phone: (978) 657-4333

6. Transporter 1 Company Name: Active Hauling Corporation

U.S. EPA ID Number:

7. Transporter 2 Company Name: Safety-Kleen Environmental Corp

U.S. EPA ID Number: NYD980780935

8. Designated Facility Name and Site Address: Nucor, LLC, 608 Saratoga Street, Albany, NY 12047, (518) 235-0232

U.S. EPA ID Number: NYD980780935

No.	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers: No.	10. Containers: Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1	X	RQ, NA3082, Waste Hazardous Waste, Liquid, N.O.S. (Vinyl Chloride, 9, PGIII (ERG#171))	1	TT	021 15,000	G	D035 D043
2							
3							
4							

5629 INCINERATE

14. Special Handling Instructions and Additional Information

1. Profile Approval # 1600588816-VEB (exp. 08/04/2023) BAK: 3695 Order#: 3309890

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Mara Hebard on behalf of

Signature: Hebard

Month: 8 Day: 19 Year: 22

16. International Shipments: Import to U.S. Export from U.S.

Transporter signature (for exports only):

Port of entry/exit:

Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim Everett

Signature:

Month: 8 Day: 19 Year: 22

Transporter 2 Printed/Typed Name:

Month: Day: Year:

18. Discrepancy

18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

18b. Alternate Facility (or Generator)

U.S. EPA ID Number:

Facility's Name:

18c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:

Signature:

Month: 8 Day: 21 Year: 22

EPA Form 8700-22 (Rev. 12-11) Previous editions are obsolete.

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000250514	2. Page 1 of 1	3. Emergency Response Phone (800) 892-7455	4. Manifest Tracking Number 016495057 FLE

5. Generator's Name and Mailing Address
UnitFirst Corporation
68 Joseph Road
Williamston, MA 01867

Generator's Site Address (if different than mailing address)
113 7th North Street
Liverpool, NY 13088

Generator's Phone: (508) 557-4832 Attn: Timothy Cosgrove

6. Transporter 1 Company Name: New Environmental Corp — U.S. EPA ID Number: NYD981176086

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Nucline, LLC
638 Saratoga Street
Oswego, NY 13047 (315) 232-6833 — U.S. EPA ID Number: NYD980869735

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3082, Waste Hazardous Waste, Liquid, N.O.S. (Vinyl Chloride), 9, PGIII (ERG#171)			5000 LBS	G	D018 D043
	2.			5728 ACTUAL INCINERATE		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. Profile Approval # 10001850816-VIB
(ex. 08/04/2023) HAZ 3870 Order # 330530134
Job #330532

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Mara Nielsen - on behalf of — Signature: [signature] — Month 8 Day 12 Year 22

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Tim Everett — Signature: [signature] — Month 8 Day 12 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

18d. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

19. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Ben Rader — Signature: [signature] — Month 8 Day 15 Year 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA or STATE COPY

Appendix K Groundwater Analytical Data Sheets

ANALYTICAL REPORT

Lab Number:	L2210519
Client:	GEI Consultants, Inc., P.C. 1301 Trumansburg Road Suite N Ithaca, NY 14850
ATTN:	Wendy Moore
Phone:	(607) 216-8966
Project Name:	UNIFIRST - LIVERPOOL
Project Number:	2001642
Report Date:	03/17/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2210519-01	MW1	WATER	LIVERPOOL, NY	02/28/22 11:10	02/28/22
L2210519-02	MW2	WATER	LIVERPOOL, NY	02/28/22 15:04	02/28/22
L2210519-03	TW5	WATER	LIVERPOOL, NY	02/26/22 15:26	02/28/22
L2210519-04	TW6	WATER	LIVERPOOL, NY	02/27/22 11:34	02/28/22
L2210519-05	TW7	WATER	LIVERPOOL, NY	02/26/22 17:22	02/28/22
L2210519-06	TW8	WATER	LIVERPOOL, NY	02/26/22 12:44	02/28/22
L2210519-07	TW9	WATER	LIVERPOOL, NY	02/26/22 13:28	02/28/22
L2210519-08	TW10	WATER	LIVERPOOL, NY	02/26/22 10:32	02/28/22
L2210519-09	TW11	WATER	LIVERPOOL, NY	02/26/22 16:07	02/28/22
L2210519-10	TW12	WATER	LIVERPOOL, NY	02/26/22 14:20	02/28/22
L2210519-11	TW13	WATER	LIVERPOOL, NY	02/27/22 16:22	02/28/22
L2210519-12	TW14	WATER	LIVERPOOL, NY	02/26/22 12:12	02/28/22
L2210519-13	TW15	WATER	LIVERPOOL, NY	02/27/22 14:27	02/28/22
L2210519-14	TW16	WATER	LIVERPOOL, NY	02/28/22 10:47	02/28/22
L2210519-15	TW17	WATER	LIVERPOOL, NY	02/26/22 18:02	02/28/22
L2210519-16	TW18	WATER	LIVERPOOL, NY	02/26/22 15:53	02/28/22
L2210519-17	TW19	WATER	LIVERPOOL, NY	02/26/22 14:52	02/28/22
L2210519-18	TW20	WATER	LIVERPOOL, NY	02/26/22 13:27	02/28/22
L2210519-19	TW21	WATER	LIVERPOOL, NY	02/26/22 16:48	02/28/22
L2210519-20	DUP	WATER	LIVERPOOL, NY	02/27/22 00:00	02/28/22
L2210519-23	TRIP BLANK	WATER	LIVERPOOL, NY	02/26/22 00:00	02/28/22
L2210519-24	FIELD BLANK	WATER	LIVERPOOL, NY	02/26/22 00:00	02/28/22

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2210519
Project Number:	2001642	**Report Date:**	03/17/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2210519
Project Number:	2001642	**Report Date:**	03/17/22

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2210519-23: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed for Volatile Organics.

L2210519-24: A sample identified as "FIELD BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was not analyzed.

The analyses performed were specified by the client.

Semivolatile Organics by SIM

The WG1611455-1 Method Blank, associated with L2210519-04, -09 and -20, has concentrations above the reporting limits for Naphthalene, Fluorene, Phenanthrene, 1-Methylnaphthalene and 2-Methylnaphthalene. The sample was re-extracted with the method required holding time exceeded and both the sample and method blank were non-detect for this target compound. The results of both extractions are reported, along with the re-extract QC. The original sample result is reported with a "B" qualifier.

The WG1611455-1 Method Blank, associated with L2210519-08, -11, and -13, has a concentration above the reporting limit for Naphthalene, Fluorene, Phenanthrene, 1-Methylnaphthalene and 2-Methylnaphthalene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Perfluorinated Alkyl Acids by Isotope Dilution

L2210519-01, -02, -04, -08, -09, -11, -20 and WG1612353-3/-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2210519
Project Number:	2001642	**Report Date:**	03/17/22

Case Narrative (continued)

L2210519-09: The sample was re-extracted on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-extraction was performed only for the compound(s) that exceeded the calibration range.
The WG1613765-1 Method Blank, associated with L2210519-09RE, has a concentration above the reporting limit for 6:2FTS and 8:2FTS. These compounds do not apply to the abbreviated list of analytes reported for the associated sample.
The WG1612353-3 MS recoveries, performed on L2210519-01, are outside the acceptance criteria for perfluoropentanoic acid (pfpea) (25%), perfluorohexanoic acid (pfhxa) (66%), perfluorooctanoic acid (pfoa) (50%) and perfluorooctanesulfonic acid (pfos) (16%).
The WG1612353-4 MSD recoveries, performed on L2210519-01, are outside the acceptance criteria for perfluoropentanoic acid (pfpea) (27%), perfluorooctanoic acid (pfoa) (51%) and perfluorooctanesulfonic acid (pfos) (7%).
WG1613765: A Matrix Spike was prepared with the sample batch, however, the native sample was not available for reporting; therefore, the results could not be reported.

Pesticides
L2210519-04: The internal standard (IS) response for 1-bromo-2-nitrobenzene (201%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (27%) and decachlorobiphenyl (22%) due to interference with the Internal Standard.
L2210519-08: The surrogate recoveries were outside the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (6%) and decachlorobiphenyl (5%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported.
L2210519-08RE: The sample was extracted with the method required holding time exceeded.

Total Metals

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2210519
Project Number:	2001642	**Report Date:**	03/17/22

Case Narrative (continued)

The WG1610363-3/-4 MS/MSD recoveries for calcium (0%/30%) and sodium (0%/0%), performed on L2210519-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 03/17/22

ORGANICS

VOLATILES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 15:02
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	25		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	2.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	4.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01 Date Collected: 02/28/22 11:10

Client ID: MW1 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	24		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02
Client ID: MW2
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/22 15:04
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 15:23
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	4.3		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.43	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	0.57		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02 Date Collected: 02/28/22 15:04

Client ID: MW2 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	114		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-03 D
Client ID: TW5
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 15:26
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 15:43
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	420		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	1.5	J	ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	48		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-03 D
Client ID: TW5
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 15:26
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	250		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
1,4-Dioxane	ND		ug/l	1000	240	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	109		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04 D
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 16:04
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	620	180	250
1,1-Dichloroethane	ND		ug/l	620	180	250
Chloroform	ND		ug/l	620	180	250
Carbon tetrachloride	ND		ug/l	120	34.	250
1,2-Dichloropropane	ND		ug/l	250	34.	250
Dibromochloromethane	ND		ug/l	120	37.	250
1,1,2-Trichloroethane	ND		ug/l	380	120	250
Tetrachloroethene	34000		ug/l	120	45.	250
Chlorobenzene	ND		ug/l	620	180	250
Trichlorofluoromethane	ND		ug/l	620	180	250
1,2-Dichloroethane	ND		ug/l	120	33.	250
1,1,1-Trichloroethane	ND		ug/l	620	180	250
Bromodichloromethane	ND		ug/l	120	48.	250
trans-1,3-Dichloropropene	ND		ug/l	120	41.	250
cis-1,3-Dichloropropene	ND		ug/l	120	36.	250
Bromoform	ND		ug/l	500	160	250
1,1,2,2-Tetrachloroethane	ND		ug/l	120	42.	250
Benzene	ND		ug/l	120	40.	250
Toluene	ND		ug/l	620	180	250
Ethylbenzene	ND		ug/l	620	180	250
Chloromethane	ND		ug/l	620	180	250
Bromomethane	ND		ug/l	620	180	250
Vinyl chloride	2100		ug/l	250	18.	250
Chloroethane	ND		ug/l	620	180	250
1,1-Dichloroethene	ND		ug/l	120	42.	250
trans-1,2-Dichloroethene	ND		ug/l	620	180	250
Trichloroethene	8100		ug/l	120	44.	250
1,2-Dichlorobenzene	ND		ug/l	620	180	250

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04 D
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	620	180	250
1,4-Dichlorobenzene	ND		ug/l	620	180	250
Methyl tert butyl ether	ND		ug/l	620	180	250
p/m-Xylene	ND		ug/l	620	180	250
o-Xylene	ND		ug/l	620	180	250
cis-1,2-Dichloroethene	14000		ug/l	620	180	250
Styrene	ND		ug/l	620	180	250
Dichlorodifluoromethane	ND		ug/l	1200	250	250
Acetone	ND		ug/l	1200	360	250
Carbon disulfide	ND		ug/l	1200	250	250
2-Butanone	ND		ug/l	1200	480	250
4-Methyl-2-pentanone	ND		ug/l	1200	250	250
2-Hexanone	ND		ug/l	1200	250	250
Bromochloromethane	ND		ug/l	620	180	250
1,2-Dibromoethane	ND		ug/l	500	160	250
1,2-Dibromo-3-chloropropane	ND		ug/l	620	180	250
Isopropylbenzene	ND		ug/l	620	180	250
1,2,3-Trichlorobenzene	ND		ug/l	620	180	250
1,2,4-Trichlorobenzene	ND		ug/l	620	180	250
Methyl Acetate	ND		ug/l	500	58.	250
Cyclohexane	ND		ug/l	2500	68.	250
1,4-Dioxane	ND		ug/l	62000	15000	250
Freon-113	ND		ug/l	620	180	250
Methyl cyclohexane	ND		ug/l	2500	99.	250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-05
Client ID: TW7
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 17:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 16:24
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.5		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.7		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-05 Date Collected: 02/26/22 17:22

Client ID: TW7 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	6.8		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	115		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-06
Client ID: TW8
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 12:44
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 16:44
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	1.4	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	110		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.23	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.1	J	ug/l	2.5	0.70	1
Trichloroethene	15		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-06 Date Collected: 02/26/22 12:44

Client ID: TW8 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	180		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	113		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-07 D
Client ID: TW9
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 13:28
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 17:05
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	61		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	24		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	47		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-07 D
Client ID: TW9
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 13:28
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	460		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
1,4-Dioxane	ND		ug/l	1000	240	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	112		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08
Client ID: TW10
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 17:25
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	6.6		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	8.6		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.39	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.1	J	ug/l	2.5	0.70	1
Trichloroethene	4.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08 Date Collected: 02/26/22 10:32

Client ID: TW10 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	96		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 D
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 15:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1200	350	500
1,1-Dichloroethane	ND		ug/l	1200	350	500
Chloroform	ND		ug/l	1200	350	500
Carbon tetrachloride	ND		ug/l	250	67.	500
1,2-Dichloropropane	ND		ug/l	500	68.	500
Dibromochloromethane	ND		ug/l	250	74.	500
1,1,2-Trichloroethane	ND		ug/l	750	250	500
Tetrachloroethene	43000		ug/l	250	90.	500
Chlorobenzene	ND		ug/l	1200	350	500
Trichlorofluoromethane	ND		ug/l	1200	350	500
1,2-Dichloroethane	ND		ug/l	250	66.	500
1,1,1-Trichloroethane	ND		ug/l	1200	350	500
Bromodichloromethane	ND		ug/l	250	96.	500
trans-1,3-Dichloropropene	ND		ug/l	250	82.	500
cis-1,3-Dichloropropene	ND		ug/l	250	72.	500
Bromoform	ND		ug/l	1000	320	500
1,1,2,2-Tetrachloroethane	ND		ug/l	250	84.	500
Benzene	ND		ug/l	250	80.	500
Toluene	ND		ug/l	1200	350	500
Ethylbenzene	ND		ug/l	1200	350	500
Chloromethane	ND		ug/l	1200	350	500
Bromomethane	ND		ug/l	1200	350	500
Vinyl chloride	1100		ug/l	500	36.	500
Chloroethane	ND		ug/l	1200	350	500
1,1-Dichloroethene	ND		ug/l	250	84.	500
trans-1,2-Dichloroethene	ND		ug/l	1200	350	500
Trichloroethene	2200		ug/l	250	88.	500
1,2-Dichlorobenzene	ND		ug/l	1200	350	500

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 D Date Collected: 02/26/22 16:07

Client ID: TW11 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1200	350	500
1,4-Dichlorobenzene	ND		ug/l	1200	350	500
Methyl tert butyl ether	ND		ug/l	1200	350	500
p/m-Xylene	ND		ug/l	1200	350	500
o-Xylene	ND		ug/l	1200	350	500
cis-1,2-Dichloroethene	7800		ug/l	1200	350	500
Styrene	ND		ug/l	1200	350	500
Dichlorodifluoromethane	ND		ug/l	2500	500	500
Acetone	ND		ug/l	2500	730	500
Carbon disulfide	ND		ug/l	2500	500	500
2-Butanone	ND		ug/l	2500	970	500
4-Methyl-2-pentanone	ND		ug/l	2500	500	500
2-Hexanone	ND		ug/l	2500	500	500
Bromochloromethane	ND		ug/l	1200	350	500
1,2-Dibromoethane	ND		ug/l	1000	320	500
1,2-Dibromo-3-chloropropane	ND		ug/l	1200	350	500
Isopropylbenzene	ND		ug/l	1200	350	500
1,2,3-Trichlorobenzene	ND		ug/l	1200	350	500
1,2,4-Trichlorobenzene	ND		ug/l	1200	350	500
Methyl Acetate	ND		ug/l	1000	120	500
Cyclohexane	ND		ug/l	5000	140	500
1,4-Dioxane	ND		ug/l	120000	30000	500
Freon-113	ND		ug/l	1200	350	500
Methyl cyclohexane	ND		ug/l	5000	200	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	110		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-10 D
Client ID: TW12
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 14:20
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 17:45
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	630		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	39		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	170		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-10 D Date Collected: 02/26/22 14:20

Client ID: TW12 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	1100		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	112		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 18:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	57		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.1		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	10		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11 Date Collected: 02/27/22 16:22

Client ID: TW13 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	140		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-12
Client ID: TW14
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 12:12
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/22 18:26
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	20		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	1.4		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	7.3		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	5.0		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	0.79	J	ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.3		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-12 Date Collected: 02/26/22 12:12

Client ID: TW14 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	16		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	116		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13
Client ID: TW15
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/22 14:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 12:20
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	8.7		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.5		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.22	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13 Date Collected: 02/27/22 14:27

Client ID: TW15 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	2.6		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	121		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-14
Client ID: TW16
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/22 10:47
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 12:44
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	13		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.26	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-14 Date Collected: 02/28/22 10:47

Client ID: TW16 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	15		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	119		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-15
Client ID: TW17
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 18:02
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 13:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.26	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.68	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.26	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-15 Date Collected: 02/26/22 18:02

Client ID: TW17 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.2	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	120		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-16 D
Client ID: TW18
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 15:53
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 00:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	590		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	0.75	J	ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	69		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-16 D
Client ID: TW18
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 15:53
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	320		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
1,4-Dioxane	ND		ug/l	1000	240	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-17
Client ID: TW19
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 14:52
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 13:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	1.4	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	7.2		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.82		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-17 Date Collected: 02/26/22 14:52

Client ID: TW19 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	17		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	119		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-18
Client ID: TW20
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 13:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 14:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	38		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	7.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-18 Date Collected: 02/26/22 13:27

Client ID: TW20 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	130		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	110		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-19 D
Client ID: TW21
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:48
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 14:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	2000		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	95		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20
Trichloroethene	200		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-19 D Date Collected: 02/26/22 16:48

Client ID: TW21 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	330		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	107		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20 D
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 15:12
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	620	180	250
1,1-Dichloroethane	ND		ug/l	620	180	250
Chloroform	ND		ug/l	620	180	250
Carbon tetrachloride	ND		ug/l	120	34.	250
1,2-Dichloropropane	ND		ug/l	250	34.	250
Dibromochloromethane	ND		ug/l	120	37.	250
1,1,2-Trichloroethane	ND		ug/l	380	120	250
Tetrachloroethene	24000		ug/l	120	45.	250
Chlorobenzene	ND		ug/l	620	180	250
Trichlorofluoromethane	ND		ug/l	620	180	250
1,2-Dichloroethane	ND		ug/l	120	33.	250
1,1,1-Trichloroethane	ND		ug/l	620	180	250
Bromodichloromethane	ND		ug/l	120	48.	250
trans-1,3-Dichloropropene	ND		ug/l	120	41.	250
cis-1,3-Dichloropropene	ND		ug/l	120	36.	250
Bromoform	ND		ug/l	500	160	250
1,1,2,2-Tetrachloroethane	ND		ug/l	120	42.	250
Benzene	ND		ug/l	120	40.	250
Toluene	ND		ug/l	620	180	250
Ethylbenzene	ND		ug/l	620	180	250
Chloromethane	ND		ug/l	620	180	250
Bromomethane	ND		ug/l	620	180	250
Vinyl chloride	1500		ug/l	250	18.	250
Chloroethane	ND		ug/l	620	180	250
1,1-Dichloroethene	ND		ug/l	120	42.	250
trans-1,2-Dichloroethene	ND		ug/l	620	180	250
Trichloroethene	4900		ug/l	120	44.	250
1,2-Dichlorobenzene	ND		ug/l	620	180	250

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20 D Date Collected: 02/27/22 00:00

Client ID: DUP Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	620	180	250
1,4-Dichlorobenzene	ND		ug/l	620	180	250
Methyl tert butyl ether	ND		ug/l	620	180	250
p/m-Xylene	ND		ug/l	620	180	250
o-Xylene	ND		ug/l	620	180	250
cis-1,2-Dichloroethene	10000		ug/l	620	180	250
Styrene	ND		ug/l	620	180	250
Dichlorodifluoromethane	ND		ug/l	1200	250	250
Acetone	ND		ug/l	1200	360	250
Carbon disulfide	ND		ug/l	1200	250	250
2-Butanone	ND		ug/l	1200	480	250
4-Methyl-2-pentanone	ND		ug/l	1200	250	250
2-Hexanone	ND		ug/l	1200	250	250
Bromochloromethane	ND		ug/l	620	180	250
1,2-Dibromoethane	ND		ug/l	500	160	250
1,2-Dibromo-3-chloropropane	ND		ug/l	620	180	250
Isopropylbenzene	ND		ug/l	620	180	250
1,2,3-Trichlorobenzene	ND		ug/l	620	180	250
1,2,4-Trichlorobenzene	ND		ug/l	620	180	250
Methyl Acetate	ND		ug/l	500	58.	250
Cyclohexane	ND		ug/l	2500	68.	250
1,4-Dioxane	ND		ug/l	62000	15000	250
Freon-113	ND		ug/l	620	180	250
Methyl cyclohexane	ND		ug/l	2500	99.	250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-23
Client ID: TRIP BLANK
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/04/22 13:58
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-23 Date Collected: 02/26/22 00:00

Client ID: TRIP BLANK Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	117		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/22 10:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-12 Batch: WG1611289-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/22 10:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-12 Batch: WG1611289-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/22 10:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-12 Batch: WG1611289-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	112		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/22 16:47
Analyst: KDU

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG1611655-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/22 16:47
Analyst: KDU

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG1611655-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/22 16:47
Analyst: KDU

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 16 Batch: WG1611655-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/22 10:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,13-15,17-20,23 Batch: WG1612567-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/22 10:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,13-15,17-20,23 Batch: WG1612567-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/22 10:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09,13-15,17-20,23 Batch: WG1612567-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	121		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-12 Batch: WG1611289-3 WG1611289-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	98		100		70-130	2		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
Bromoform	100		110		54-136	10		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	76		79		64-130	4		20
Bromomethane	96		94		39-139	2		20
Vinyl chloride	100		97		55-140	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-12 Batch: WG1611289-3 WG1611289-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	110		115		70-130	4		20
Dichlorodifluoromethane	65		63		36-147	3		20
Acetone	120		100		58-148	18		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	100		110		63-138	10		20
4-Methyl-2-pentanone	87		95		59-130	9		20
2-Hexanone	93		99		57-130	6		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-12 Batch: WG1611289-3 WG1611289-4								
1,2,4-Trichlorobenzene	98		100		70-130	2		20
Methyl Acetate	110		120		70-130	9		20
Cyclohexane	93		92		70-130	1		20
1,4-Dioxane	88		92		56-162	4		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	98		98		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	102		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG1611655-3 WG1611655-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	120		120		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	110		110		70-130	0		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	77		79		64-130	3		20
Bromomethane	55		55		39-139	0		20
Vinyl chloride	86		87		55-140	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG1611655-3 WG1611655-4								
Chloroethane	91		95		55-138	4		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	110		110		63-130	0		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	62		63		36-147	2		20
Acetone	140		**160**	Q	58-148	13		20
Carbon disulfide	98		99		51-130	1		20
2-Butanone	130		130		63-138	0		20
4-Methyl-2-pentanone	120		130		59-130	8		20
2-Hexanone	120		130		57-130	8		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	110		120		70-130	9		20
1,2-Dibromo-3-chloropropane	110		110		41-144	0		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 16 Batch: WG1611655-3 WG1611655-4								
1,2,4-Trichlorobenzene	100		110		70-130	10		20
Methyl Acetate	**140**	Q	**140**	Q	70-130	0		20
Cyclohexane	110		120		70-130	9		20
1,4-Dioxane	140		144		56-162	3		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	110		120		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	102		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,13-15,17-20,23 Batch: WG1612567-3 WG1612567-4								
Methylene chloride	110		120		70-130	9		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	120		120		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	88		87		70-130	1		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	98		96		54-136	2		20
1,1,2,2-Tetrachloroethane	99		98		67-130	1		20
Benzene	120		120		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	85		89		64-130	5		20
Bromomethane	**140**	Q	**140**	Q	39-139	0		20
Vinyl chloride	110		120		55-140	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,13-15,17-20,23 Batch: WG1612567-3 WG1612567-4								
Chloroethane	**160**	Q	**170**	Q	55-138	6		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	110		120		70-130	9		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	91		91		63-130	0		20
p/m-Xylene	110		120		70-130	9		20
o-Xylene	110		120		70-130	9		20
cis-1,2-Dichloroethene	110		120		70-130	9		20
Styrene	105		110		70-130	5		20
Dichlorodifluoromethane	48		52		36-147	8		20
Acetone	96		95		58-148	1		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	95		94		63-138	1		20
4-Methyl-2-pentanone	87		87		59-130	0		20
2-Hexanone	80		72		57-130	11		20
Bromochloromethane	110		120		70-130	9		20
1,2-Dibromoethane	99		98		70-130	1		20
1,2-Dibromo-3-chloropropane	99		98		41-144	1		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,13-15,17-20,23 Batch: WG1612567-3 WG1612567-4								
1,2,4-Trichlorobenzene	110		110		70-130	0		20
Methyl Acetate	100		110		70-130	10		20
Cyclohexane	120		130		70-130	8		20
1,4-Dioxane	86		90		56-162	5		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		99		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	101		104		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-12 QC Batch ID: WG1611289-6 WG1611289-7 QC Sample: L2210519-01 Client ID: MW1												
Methylene chloride	ND	10	11	110		14	**140**	Q	70-130	**24**	Q	20
1,1-Dichloroethane	ND	10	11	110		14	**140**	Q	70-130	**24**	Q	20
Chloroform	ND	10	11	110		14	**140**	Q	70-130	**24**	Q	20
Carbon tetrachloride	ND	10	12	120		14	**140**	Q	63-132	15		20
1,2-Dichloropropane	ND	10	10	100		13	130		70-130	**26**	Q	20
Dibromochloromethane	ND	10	10	100		14	**140**	Q	63-130	**33**	Q	20
1,1,2-Trichloroethane	ND	10	11	110		14	**140**	Q	70-130	**24**	Q	20
Tetrachloroethene	25	10	37	120		36	110		70-130	3		20
Chlorobenzene	ND	10	10	100		13	130		75-130	**26**	Q	20
Trichlorofluoromethane	ND	10	11	110		14	140		62-150	**24**	Q	20
1,2-Dichloroethane	ND	10	11	110		14	**140**	Q	70-130	**24**	Q	20
1,1,1-Trichloroethane	ND	10	11	110		14	**140**	Q	67-130	**24**	Q	20
Bromodichloromethane	ND	10	11	110		14	**140**	Q	67-130	**24**	Q	20
trans-1,3-Dichloropropene	ND	10	9.9	99		14	**140**	Q	70-130	**34**	Q	20
cis-1,3-Dichloropropene	ND	10	9.3	93		12	120		70-130	**25**	Q	20
Bromoform	ND	10	10	100		14	**140**	Q	54-136	**33**	Q	20
1,1,2,2-Tetrachloroethane	ND	10	11	110		14	**140**	Q	67-130	**24**	Q	20
Benzene	ND	10	11	110		14	**140**	Q	70-130	**24**	Q	20
Toluene	ND	10	10	100		13	130		70-130	**26**	Q	20
Ethylbenzene	ND	10	9.6	96		12	120		70-130	**22**	Q	20
Chloromethane	ND	10	9.3	93		12	120		64-130	**25**	Q	20
Bromomethane	ND	10	9.4	94		12	120		39-139	**24**	Q	20
Vinyl chloride	2.0	10	12	100		16	140		55-140	**29**	Q	20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-12 QC Batch ID: WG1611289-6 WG1611289-7 QC Sample: L2210519-01 Client ID: MW1												
Chloroethane	ND	10	12	120		15	**150**	Q	55-138	**22**	Q	20
1,1-Dichloroethene	ND	10	11	110		14	140		61-145	**24**	Q	20
trans-1,2-Dichloroethene	ND	10	11	110		14	**140**	Q	70-130	**24**	Q	20
Trichloroethene	4.0	10	15	110		18	**140**	Q	70-130	18		20
1,2-Dichlorobenzene	ND	10	9.6	96		13	130		70-130	**30**	Q	20
1,3-Dichlorobenzene	ND	10	9.4	94		13	130		70-130	**32**	Q	20
1,4-Dichlorobenzene	ND	10	9.3	93		13	130		70-130	**33**	Q	20
Methyl tert butyl ether	ND	10	10	100		14	**140**	Q	63-130	**33**	Q	20
p/m-Xylene	ND	20	20	100		26	130		70-130	**26**	Q	20
o-Xylene	ND	20	21	105		28	**140**	Q	70-130	**29**	Q	20
cis-1,2-Dichloroethene	24	10	34	100		38	**140**	Q	70-130	11		20
Styrene	ND	20	21	105		28	**140**	Q	70-130	**29**	Q	20
Dichlorodifluoromethane	ND	10	5.7	57		7.2	72		36-147	**23**	Q	20
Acetone	ND	10	12	120		15	**150**	Q	58-148	**22**	Q	20
Carbon disulfide	ND	10	10	100		13	130		51-130	**26**	Q	20
2-Butanone	ND	10	11	110		13	130		63-138	17		20
4-Methyl-2-pentanone	ND	10	9.2	92		13	130		59-130	**34**	Q	20
2-Hexanone	ND	10	9.4	94		14	**140**	Q	57-130	**39**	Q	20
Bromochloromethane	ND	10	12	120		15	**150**	Q	70-130	**22**	Q	20
1,2-Dibromoethane	ND	10	11	110		15	**150**	Q	70-130	**31**	Q	20
1,2-Dibromo-3-chloropropane	ND	10	9.8	98		14	140		41-144	**35**	Q	20
Isopropylbenzene	ND	10	8.9	89		12	120		70-130	**30**	Q	20
1,2,3-Trichlorobenzene	ND	10	8.4	84		12	120		70-130	**35**	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-12 QC Batch ID: WG1611289-6 WG1611289-7 QC Sample: L2210519-01 Client ID: MW1												
1,2,4-Trichlorobenzene	ND	10	7.5	75		11	110		70-130	**38**	Q	20
Methyl Acetate	ND	10	12	120		15	**150**	Q	70-130	**22**	Q	20
Cyclohexane	ND	10	8.5J	85		8.9J	89		70-130	5		20
1,4-Dioxane	ND	500	420	84		510	102		56-162	19		20
Freon-113	ND	10	9.2	92		10	100		70-130	8		20
Methyl cyclohexane	ND	10	7.6J	76		7.5J	75		70-130	1		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		106		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	104		102		70-130
Toluene-d8	96		99		70-130

SEMIVOLATILES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/07/22 03:06
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 03:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01 Date Collected: 02/28/22 11:10

Client ID: MW1 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	66		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/06/22 16:54
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 03:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.51		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.08	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	72		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 01:09
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	15.8		ng/l	1.71	0.349	1
Perfluoropentanoic Acid (PFPeA)	44.6		ng/l	1.71	0.339	1
Perfluorobutanesulfonic Acid (PFBS)	7.01		ng/l	1.71	0.204	1
Perfluorohexanoic Acid (PFHxA)	21.4		ng/l	1.71	0.281	1
Perfluoroheptanoic Acid (PFHpA)	18.8		ng/l	1.71	0.193	1
Perfluorohexanesulfonic Acid (PFHxS)	12.6		ng/l	1.71	0.322	1
Perfluorooctanoic Acid (PFOA)	30.7		ng/l	1.71	0.202	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.71	1.14	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.72		ng/l	1.71	0.589	1
Perfluorononanoic Acid (PFNA)	2.16		ng/l	1.71	0.267	1
Perfluorooctanesulfonic Acid (PFOS)	61.8		ng/l	1.71	0.431	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.71	0.260	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.71	1.04	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.71	0.555	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.71	0.222	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.71	0.839	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.71	0.496	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.71	0.688	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.71	0.318	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.71	0.280	1
Perfluorotetradecanoic Acid (PFTA)	0.993	J	ng/l	1.71	0.212	1
PFOA/PFOS, Total	92.5		ng/l	1.71	0.202	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01 Date Collected: 02/28/22 11:10

Client ID: MW1 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	85		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**161**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	76		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	22		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	82		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	73		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02
Client ID: MW2
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 15:04
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/07/22 03:29
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 03:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02 Date Collected: 02/28/22 15:04

Client ID: MW2 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	74		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02
Client ID: MW2
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 15:04
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/06/22 16:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 03:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.07	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02 Date Collected: 02/28/22 15:04

Client ID: MW2 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	76		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02
Client ID: MW2
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 15:04
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 01:59
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	2.25		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	0.646	J	ng/l	1.84	0.220	1
Perfluorohexanoic Acid (PFHxA)	2.26		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	0.933	J	ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.347	1
Perfluorooctanoic Acid (PFOA)	0.886	J	ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.635	1
Perfluorononanoic Acid (PFNA)	0.376	J	ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	2.21	F	ng/l	1.84	0.465	1
Perfluorodecanoic Acid (PFDA)	0.410	JF	ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.598	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.904	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.742	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	0.841	J	ng/l	1.84	0.229	1
PFOA/PFOS, Total	3.10	J	ng/l	1.84	0.218	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02 Date Collected: 02/28/22 15:04

Client ID: MW2 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	78		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**218**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	93		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	89		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/04/22 15:20
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04 Date Collected: 02/27/22 11:34

Client ID: TW6 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	84		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/22 17:08
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.18	B	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	JB	ug/l	0.10	0.01	1
Phenanthrene	0.03	JB	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	JB	ug/l	0.10	0.02	1
Pentachlorophenol	1.7		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04 Date Collected: 02/27/22 11:34

Client ID: TW6 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	90		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 02:15
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	13.0		ng/l	1.83	0.374	1
Perfluoropentanoic Acid (PFPeA)	49.4		ng/l	1.83	0.363	1
Perfluorobutanesulfonic Acid (PFBS)	6.12		ng/l	1.83	0.218	1
Perfluorohexanoic Acid (PFHxA)	30.9		ng/l	1.83	0.300	1
Perfluoroheptanoic Acid (PFHpA)	16.2		ng/l	1.83	0.206	1
Perfluorohexanesulfonic Acid (PFHxS)	10.1		ng/l	1.83	0.344	1
Perfluorooctanoic Acid (PFOA)	34.1		ng/l	1.83	0.216	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.83	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.95		ng/l	1.83	0.630	1
Perfluorononanoic Acid (PFNA)	4.64		ng/l	1.83	0.286	1
Perfluorooctanesulfonic Acid (PFOS)	118		ng/l	1.83	0.462	1
Perfluorodecanoic Acid (PFDA)	2.90		ng/l	1.83	0.279	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.83	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	6.07	F	ng/l	1.83	0.594	1
Perfluoroundecanoic Acid (PFUnA)	1.04	J	ng/l	1.83	0.238	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.83	0.898	1
Perfluorooctanesulfonamide (FOSA)	1.24	JF	ng/l	1.83	0.532	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.83	0.737	1
Perfluorododecanoic Acid (PFDoA)	0.539	J	ng/l	1.83	0.341	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.83	0.300	1
Perfluorotetradecanoic Acid (PFTA)	0.869	JF	ng/l	1.83	0.227	1
PFOA/PFOS, Total	152		ng/l	1.83	0.216	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04 Date Collected: 02/27/22 11:34

Client ID: TW6 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	90		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	78		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**292**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	114		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**190**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	88		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	102		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04 RE
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/22 21:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/10/22 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.21		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	1.7		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04 RE Date Collected: 02/27/22 11:34
Client ID: TW6 Date Received: 02/28/22
Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	88		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08
Client ID: TW10
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/04/22 15:42
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08 Date Collected: 02/26/22 10:32

Client ID: TW10 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	84		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08
Client ID: TW10
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/22 17:27
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08 Date Collected: 02/26/22 10:32

Client ID: TW10 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	88		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08
Client ID: TW10
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 02:32
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	15.8		ng/l	1.71	0.350	1
Perfluoropentanoic Acid (PFPeA)	44.5		ng/l	1.71	0.339	1
Perfluorobutanesulfonic Acid (PFBS)	6.93		ng/l	1.71	0.204	1
Perfluorohexanoic Acid (PFHxA)	21.7		ng/l	1.71	0.281	1
Perfluoroheptanoic Acid (PFHpA)	18.8		ng/l	1.71	0.193	1
Perfluorohexanesulfonic Acid (PFHxS)	12.6		ng/l	1.71	0.322	1
Perfluorooctanoic Acid (PFOA)	31.2		ng/l	1.71	0.202	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.71	1.14	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.62	J	ng/l	1.71	0.590	1
Perfluorononanoic Acid (PFNA)	2.16		ng/l	1.71	0.267	1
Perfluorooctanesulfonic Acid (PFOS)	56.6		ng/l	1.71	0.432	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.71	0.260	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.71	1.04	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.71	0.555	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.71	0.223	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.71	0.840	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.71	0.497	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.71	0.689	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.71	0.319	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.71	0.280	1
Perfluorotetradecanoic Acid (PFTA)	0.884	J	ng/l	1.71	0.212	1
PFOA/PFOS, Total	87.8		ng/l	1.71	0.202	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08 Date Collected: 02/26/22 10:32

Client ID: TW10 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**172**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	91		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	60		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	57		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/04/22 16:50
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 Date Collected: 02/26/22 16:07

Client ID: TW11 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	59		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/22 17:46
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	2.0	B	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	JB	ug/l	0.10	0.01	1
Phenanthrene	0.08	JB	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.52	B	ug/l	0.10	0.02	1
Pentachlorophenol	0.10	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 Date Collected: 02/26/22 16:07

Client ID: TW11 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	64		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 02:48
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	75.2		ng/l	1.81	0.369	1
Perfluoropentanoic Acid (PFPeA)	241		ng/l	1.81	0.358	1
Perfluorobutanesulfonic Acid (PFBS)	53.2		ng/l	1.81	0.215	1
Perfluorohexanoic Acid (PFHxA)	147		ng/l	1.81	0.297	1
Perfluoroheptanoic Acid (PFHpA)	139		ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	80.5		ng/l	1.81	0.340	1
Perfluorooctanoic Acid (PFOA)	237		ng/l	1.81	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.32		ng/l	1.81	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	26.0		ng/l	1.81	0.623	1
Perfluorononanoic Acid (PFNA)	71.0		ng/l	1.81	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	1360	E	ng/l	1.81	0.456	1
Perfluorodecanoic Acid (PFDA)	19.5		ng/l	1.81	0.275	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	77.3		ng/l	1.81	0.587	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.887	1
Perfluorooctanesulfonamide (FOSA)	2.48	F	ng/l	1.81	0.525	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	11.8	F	ng/l	1.81	0.728	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.337	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.296	1
Perfluorotetradecanoic Acid (PFTA)	0.786	J	ng/l	1.81	0.224	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 Date Collected: 02/26/22 16:07

Client ID: TW11 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	69		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	67		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**378**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	77		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**332**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	75		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	72		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 RE
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/22 22:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/10/22 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.06	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	3.4		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.05	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.07	J	ug/l	0.10	0.01	1
Phenanthrene	0.17		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.91		ug/l	0.10	0.02	1
Pentachlorophenol	0.14	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 RE Date Collected: 02/26/22 16:07
Client ID: TW11 Date Received: 02/28/22
Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		21-120
Phenol-d6	60		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	107		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 RE
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/12/22 17:46
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/09/22 15:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonic Acid (PFOS)	1230		ng/l	10.0	2.52	1
PFOA/PFOS, Total	1470		ng/l	10.0	2.52	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		69-131

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/05/22 20:51
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11 Date Collected: 02/27/22 16:22

Client ID: TW13 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	59		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/22 18:05
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	88		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 03:05
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	22.4		ng/l	1.91	0.390	1
Perfluoropentanoic Acid (PFPeA)	75.4		ng/l	1.91	0.379	1
Perfluorobutanesulfonic Acid (PFBS)	5.16		ng/l	1.91	0.228	1
Perfluorohexanoic Acid (PFHxA)	53.0		ng/l	1.91	0.314	1
Perfluoroheptanoic Acid (PFHpA)	21.1		ng/l	1.91	0.215	1
Perfluorohexanesulfonic Acid (PFHxS)	6.25		ng/l	1.91	0.360	1
Perfluorooctanoic Acid (PFOA)	27.6		ng/l	1.91	0.226	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.91	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.54	J	ng/l	1.91	0.658	1
Perfluorononanoic Acid (PFNA)	6.81		ng/l	1.91	0.298	1
Perfluorooctanesulfonic Acid (PFOS)	106		ng/l	1.91	0.482	1
Perfluorodecanoic Acid (PFDA)	2.80		ng/l	1.91	0.291	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.91	1.16	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.91	0.620	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.91	0.249	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.91	0.937	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.91	0.555	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.91	0.769	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.91	0.356	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.91	0.313	1
Perfluorotetradecanoic Acid (PFTA)	0.888	JF	ng/l	1.91	0.237	1
PFOA/PFOS, Total	134		ng/l	1.91	0.226	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11 Date Collected: 02/27/22 16:22

Client ID: TW13 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	108		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**182**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	96		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	76		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	72		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13
Client ID: TW15
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 14:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/05/22 21:14
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13 Date Collected: 02/27/22 14:27

Client ID: TW15 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	47		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13
Client ID: TW15
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 14:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/22 18:24
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13 Date Collected: 02/27/22 14:27

Client ID: TW15 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	60		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13
Client ID: TW15
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 14:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 03:21
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.68		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	5.25		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	1.16	J	ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	3.23		ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	2.03		ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	1.96		ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	3.80		ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.641	1
Perfluorononanoic Acid (PFNA)	0.600	J	ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	11.3		ng/l	1.86	0.470	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.913	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.540	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.749	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.346	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	0.879	J	ng/l	1.86	0.231	1
PFOA/PFOS, Total	15.1		ng/l	1.86	0.220	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13 Date Collected: 02/27/22 14:27

Client ID: TW15 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	115		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	128		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	90		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	21		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	89		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	88		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/04/22 17:12
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20 Date Collected: 02/27/22 00:00

Client ID: DUP Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	91		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/22 18:43
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.20	B	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	JB	ug/l	0.10	0.01	1
Phenanthrene	0.04	JB	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	JB	ug/l	0.10	0.02	1
Pentachlorophenol	1.8		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20 Date Collected: 02/27/22 00:00

Client ID: DUP Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	94		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 03:38
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	13.3		ng/l	1.82	0.371	1
Perfluoropentanoic Acid (PFPeA)	48.8		ng/l	1.82	0.360	1
Perfluorobutanesulfonic Acid (PFBS)	5.77		ng/l	1.82	0.216	1
Perfluorohexanoic Acid (PFHxA)	30.9		ng/l	1.82	0.298	1
Perfluoroheptanoic Acid (PFHpA)	16.2		ng/l	1.82	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	10.3		ng/l	1.82	0.342	1
Perfluorooctanoic Acid (PFOA)	35.0		ng/l	1.82	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.82	1.21	1
Perfluoroheptanesulfonic Acid (PFHpS)	2.22		ng/l	1.82	0.625	1
Perfluorononanoic Acid (PFNA)	4.98		ng/l	1.82	0.283	1
Perfluorooctanesulfonic Acid (PFOS)	122		ng/l	1.82	0.458	1
Perfluorodecanoic Acid (PFDA)	3.20		ng/l	1.82	0.276	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.82	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	6.14	F	ng/l	1.82	0.589	1
Perfluoroundecanoic Acid (PFUnA)	0.978	J	ng/l	1.82	0.236	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.82	0.890	1
Perfluorooctanesulfonamide (FOSA)	1.76	JF	ng/l	1.82	0.527	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.82	0.730	1
Perfluorododecanoic Acid (PFDoA)	0.505	JF	ng/l	1.82	0.338	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.82	0.297	1
Perfluorotetradecanoic Acid (PFTA)	0.832	J	ng/l	1.82	0.225	1
PFOA/PFOS, Total	157		ng/l	1.82	0.214	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20 Date Collected: 02/27/22 00:00

Client ID: DUP Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**279**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**187**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	90		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	89		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	78		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20 RE
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/11/22 22:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/10/22 14:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.23		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.06	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	1.8		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20 RE
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	107		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	109		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/04/22 11:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04,08-09,11,13,20 Batch: WG1611454-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/04/22 11:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04,08-09,11,13,20 Batch: WG1611454-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	89		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/22 16:11
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04,08-09,11,13,20 Batch: WG1611455-1					
Acenaphthene	0.08	J	ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	2.2		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	0.09	J	ug/l	0.10	0.01
Anthracene	0.04	J	ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.14		ug/l	0.10	0.01
Phenanthrene	0.19		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	0.39		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/22 16:11
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 18:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04,08-09,11,13,20 Batch: WG1611455-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	88		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/06/22 22:50
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 03:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1612184-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/06/22 22:50
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 03:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1612184-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	72		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/06/22 14:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 03:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1612185-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/06/22 14:44
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 03:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1612185-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	82		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 00:19
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02,04,08-09,11,13,20 Batch: WG1612353-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	1.08	J	ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/09/22 00:19
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/07/22 07:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-02,04,08-09,11,13,20 Batch: WG1612353-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	119		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	105		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	102		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	107		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	100		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	100		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	110		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	111		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/12/22 17:13
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/09/22 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 09 Batch: WG1613765-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	8.46		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	0.748	J	ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	2.08		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	0.748	J	ng/l	2.00	0.236

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 03/12/22 17:13
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 03/09/22 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 09 Batch: WG1613765-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	84		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	88		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	100		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	102		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	91		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	93		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/22 08:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/10/22 14:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04,09,20 Batch: WG1614236-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/13/22 08:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/10/22 14:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 04,09,20 Batch: WG1614236-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08-09,11,13,20 Batch: WG1611454-2 WG1611454-3								
Bis(2-chloroethyl)ether	77		70		40-140	10		30
3,3'-Dichlorobenzidine	62		65		40-140	5		30
2,4-Dinitrotoluene	72		75		48-143	4		30
2,6-Dinitrotoluene	72		68		40-140	6		30
4-Chlorophenyl phenyl ether	70		69		40-140	1		30
4-Bromophenyl phenyl ether	76		75		40-140	1		30
Bis(2-chloroisopropyl)ether	74		67		40-140	10		30
Bis(2-chloroethoxy)methane	81		72		40-140	12		30
Hexachlorocyclopentadiene	54		54		40-140	0		30
Isophorone	80		70		40-140	13		30
Nitrobenzene	82		70		40-140	16		30
NDPA/DPA	77		73		40-140	5		30
n-Nitrosodi-n-propylamine	80		71		29-132	12		30
Bis(2-ethylhexyl)phthalate	89		85		40-140	5		30
Butyl benzyl phthalate	93		88		40-140	6		30
Di-n-butylphthalate	89		84		40-140	6		30
Di-n-octylphthalate	94		89		40-140	5		30
Diethyl phthalate	86		80		40-140	7		30
Dimethyl phthalate	72		71		40-140	1		30
Biphenyl	71		73		40-140	3		30
4-Chloroaniline	68		76		40-140	11		30
2-Nitroaniline	76		80		52-143	5		30
3-Nitroaniline	71		71		25-145	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08-09,11,13,20 Batch: WG1611454-2 WG1611454-3								
4-Nitroaniline	74		83		51-143	11		30
Dibenzofuran	74		73		40-140	1		30
1,2,4,5-Tetrachlorobenzene	72		70		2-134	3		30
Acetophenone	83		73		39-129	13		30
2,4,6-Trichlorophenol	76		75		30-130	1		30
p-Chloro-m-cresol	82		85		23-97	4		30
2-Chlorophenol	79		71		27-123	11		30
2,4-Dichlorophenol	84		76		30-130	10		30
2,4-Dimethylphenol	80		71		30-130	12		30
2-Nitrophenol	83		71		30-130	16		30
4-Nitrophenol	78		**82**	Q	10-80	5		30
2,4-Dinitrophenol	78		67		20-130	15		30
4,6-Dinitro-o-cresol	76		77		20-164	1		30
Phenol	59		53		12-110	11		30
2-Methylphenol	77		73		30-130	5		30
3-Methylphenol/4-Methylphenol	85		81		30-130	5		30
2,4,5-Trichlorophenol	76		78		30-130	3		30
Carbazole	86		84		55-144	2		30
Atrazine	92		89		40-140	3		30
Benzaldehyde	77		69		40-140	11		30
Caprolactam	41		44		10-130	7		30
2,3,4,6-Tetrachlorophenol	82		85		40-140	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,08-09,11,13,20 Batch: WG1611454-2 WG1611454-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		62		21-120
Phenol-d6	57		52		10-120
Nitrobenzene-d5	80		69		23-120
2-Fluorobiphenyl	66		65		15-120
2,4,6-Tribromophenol	83		88		10-120
4-Terphenyl-d14	84		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04,08-09,11,13,20 Batch: WG1611455-2 WG1611455-3								
Acenaphthene	58		63		40-140	8		40
2-Chloronaphthalene	56		61		40-140	9		40
Fluoranthene	72		78		40-140	8		40
Hexachlorobutadiene	42		46		40-140	9		40
Naphthalene	51		57		40-140	11		40
Benzo(a)anthracene	71		76		40-140	7		40
Benzo(a)pyrene	64		68		40-140	6		40
Benzo(b)fluoranthene	72		75		40-140	4		40
Benzo(k)fluoranthene	73		83		40-140	13		40
Chrysene	67		74		40-140	10		40
Acenaphthylene	58		63		40-140	8		40
Anthracene	66		69		40-140	4		40
Benzo(ghi)perylene	70		75		40-140	7		40
Fluorene	63		69		40-140	9		40
Phenanthrene	63		67		40-140	6		40
Dibenzo(a,h)anthracene	76		82		40-140	8		40
Indeno(1,2,3-cd)pyrene	69		74		40-140	7		40
Pyrene	72		77		40-140	7		40
2-Methylnaphthalene	54		59		40-140	9		40
Pentachlorophenol	86		91		40-140	6		40
Hexachlorobenzene	57		60		40-140	5		40
Hexachloroethane	**38**	Q	44		40-140	15		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04,08-09,11,13,20 Batch: WG1611455-2 WG1611455-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		50		21-120
Phenol-d6	39		43		10-120
Nitrobenzene-d5	56		64		23-120
2-Fluorobiphenyl	56		62		15-120
2,4,6-Tribromophenol	63		63		10-120
4-Terphenyl-d14	74		80		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1612184-2 WG1612184-3								
Bis(2-chloroethyl)ether	76		67		40-140	13		30
3,3'-Dichlorobenzidine	56		44		40-140	24		30
2,4-Dinitrotoluene	77		72		48-143	7		30
2,6-Dinitrotoluene	69		64		40-140	8		30
4-Chlorophenyl phenyl ether	69		62		40-140	11		30
4-Bromophenyl phenyl ether	67		60		40-140	11		30
Bis(2-chloroisopropyl)ether	82		72		40-140	13		30
Bis(2-chloroethoxy)methane	72		63		40-140	13		30
Hexachlorocyclopentadiene	69		62		40-140	11		30
Isophorone	69		62		40-140	11		30
Nitrobenzene	80		71		40-140	12		30
NDPA/DPA	70		62		40-140	12		30
n-Nitrosodi-n-propylamine	74		64		29-132	14		30
Bis(2-ethylhexyl)phthalate	59		54		40-140	9		30
Butyl benzyl phthalate	62		56		40-140	10		30
Di-n-butylphthalate	62		57		40-140	8		30
Di-n-octylphthalate	61		55		40-140	10		30
Diethyl phthalate	65		61		40-140	6		30
Dimethyl phthalate	63		59		40-140	7		30
Biphenyl	72		66		40-140	9		30
4-Chloroaniline	54		47		40-140	14		30
2-Nitroaniline	72		69		52-143	4		30
3-Nitroaniline	61		54		25-145	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1612184-2 WG1612184-3								
4-Nitroaniline	65		61		51-143	6		30
Dibenzofuran	72		66		40-140	9		30
1,2,4,5-Tetrachlorobenzene	69		62		2-134	11		30
Acetophenone	72		63		39-129	13		30
2,4,6-Trichlorophenol	66		62		30-130	6		30
p-Chloro-m-cresol	71		65		23-97	9		30
2-Chlorophenol	74		66		27-123	11		30
2,4-Dichlorophenol	74		66		30-130	11		30
2,4-Dimethylphenol	65		59		30-130	10		30
2-Nitrophenol	86		77		30-130	11		30
4-Nitrophenol	67		63		10-80	6		30
2,4-Dinitrophenol	64		65		20-130	2		30
4,6-Dinitro-o-cresol	85		82		20-164	4		30
Phenol	58		51		12-110	13		30
2-Methylphenol	71		63		30-130	12		30
3-Methylphenol/4-Methylphenol	72		66		30-130	9		30
2,4,5-Trichlorophenol	68		63		30-130	8		30
Carbazole	74		69		55-144	7		30
Atrazine	67		65		40-140	3		30
Benzaldehyde	73		64		40-140	13		30
Caprolactam	32		32		10-130	0		30
2,3,4,6-Tetrachlorophenol	70		67		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1612184-2 WG1612184-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		61		21-120
Phenol-d6	62		54		10-120
Nitrobenzene-d5	83		73		23-120
2-Fluorobiphenyl	65		60		15-120
2,4,6-Tribromophenol	69		66		10-120
4-Terphenyl-d14	70		65		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1612185-2 WG1612185-3								
Acenaphthene	73		75		40-140	3		40
2-Chloronaphthalene	71		74		40-140	4		40
Fluoranthene	79		72		40-140	9		40
Hexachlorobutadiene	63		67		40-140	6		40
Naphthalene	70		71		40-140	1		40
Benzo(a)anthracene	76		74		40-140	3		40
Benzo(a)pyrene	71		71		40-140	0		40
Benzo(b)fluoranthene	77		75		40-140	3		40
Benzo(k)fluoranthene	77		81		40-140	5		40
Chrysene	72		74		40-140	3		40
Acenaphthylene	69		68		40-140	1		40
Anthracene	75		73		40-140	3		40
Benzo(ghi)perylene	82		82		40-140	0		40
Fluorene	74		74		40-140	0		40
Phenanthrene	74		72		40-140	3		40
Dibenzo(a,h)anthracene	85		84		40-140	1		40
Indeno(1,2,3-cd)pyrene	85		83		40-140	2		40
Pyrene	82		73		40-140	12		40
2-Methylnaphthalene	71		72		40-140	1		40
Pentachlorophenol	86		76		40-140	12		40
Hexachlorobenzene	74		76		40-140	3		40
Hexachloroethane	68		71		40-140	4		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1612185-2 WG1612185-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		67		21-120
Phenol-d6	63		61		10-120
Nitrobenzene-d5	82		83		23-120
2-Fluorobiphenyl	72		73		15-120
2,4,6-Tribromophenol	75		79		10-120
4-Terphenyl-d14	80		74		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 Batch: WG1612353-2								
Perfluorobutanoic Acid (PFBA)	100		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	98		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	97		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	102		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	107		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	103		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	109		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	97		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	104		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	106		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 Batch: WG1612353-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	105				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	116				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	112				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	111				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	103				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	106				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	119				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	113				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	109				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09 Batch: WG1613765-2								
Perfluorobutanoic Acid (PFBA)	92		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	92		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	94		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	92		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	86		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	97		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	89		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	92		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	94		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	88		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	90		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	105		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	88		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	93		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	106		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	95		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09 Batch: WG1613765-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	103				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	96				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	45				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	89				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04,09,20 Batch: WG1614236-2 WG1614236-3								
Acenaphthene	94		89		40-140	5		40
2-Chloronaphthalene	94		90		40-140	4		40
Fluoranthene	97		93		40-140	4		40
Hexachlorobutadiene	89		86		40-140	3		40
Naphthalene	92		85		40-140	8		40
Benzo(a)anthracene	97		94		40-140	3		40
Benzo(a)pyrene	91		91		40-140	0		40
Benzo(b)fluoranthene	91		95		40-140	4		40
Benzo(k)fluoranthene	107		98		40-140	9		40
Chrysene	92		90		40-140	2		40
Acenaphthylene	93		88		40-140	6		40
Anthracene	100		96		40-140	4		40
Benzo(ghi)perylene	100		96		40-140	4		40
Fluorene	99		94		40-140	5		40
Phenanthrene	93		89		40-140	4		40
Dibenzo(a,h)anthracene	104		104		40-140	0		40
Indeno(1,2,3-cd)pyrene	95		94		40-140	1		40
Pyrene	95		91		40-140	4		40
2-Methylnaphthalene	94		89		40-140	5		40
Pentachlorophenol	137		125		40-140	9		40
Hexachlorobenzene	97		92		40-140	5		40
Hexachloroethane	82		81		40-140	1		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 04,09,20 Batch: WG1614236-2 WG1614236-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		70		21-120
Phenol-d6	65		61		10-120
Nitrobenzene-d5	95		88		23-120
2-Fluorobiphenyl	94		89		15-120
2,4,6-Tribromophenol	82		81		10-120
4-Terphenyl-d14	98		92		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1612184-4 WG1612184-5 QC Sample: L2210519-01 Client ID: MW1												
Bis(2-chloroethyl)ether	ND	18.2	10	55		14	77		40-140	**33**	Q	30
3,3'-Dichlorobenzidine	ND	18.2	6.4	**35**	Q	7.3	40		40-140	13		30
2,4-Dinitrotoluene	ND	18.2	11	61		15	83		48-143	**31**	Q	30
2,6-Dinitrotoluene	ND	18.2	9.9	54		13	72		40-140	27		30
4-Chlorophenyl phenyl ether	ND	18.2	9.4	52		13	72		40-140	**32**	Q	30
4-Bromophenyl phenyl ether	ND	18.2	9.4	52		12	66		40-140	24		30
Bis(2-chloroisopropyl)ether	ND	18.2	11	61		14	77		40-140	24		30
Bis(2-chloroethoxy)methane	ND	18.2	9.8	54		13	72		40-140	28		30
Hexachlorocyclopentadiene	ND	18.2	8.7J	48		12.J	66		40-140	**32**	Q	30
Isophorone	ND	18.2	9.6	53		12	66		40-140	22		30
Nitrobenzene	ND	18.2	11	61		14	77		40-140	24		30
NDPA/DPA	ND	18.2	9.8	54		13	72		40-140	28		30
n-Nitrosodi-n-propylamine	ND	18.2	10	55		13	72		29-132	26		30
Bis(2-ethylhexyl)phthalate	ND	18.2	8.4	46		12	66		40-140	**35**	Q	30
Butyl benzyl phthalate	ND	18.2	9.2	51		12	66		40-140	26		30
Di-n-butylphthalate	ND	18.2	8.7	48		12	66		40-140	**32**	Q	30
Di-n-octylphthalate	ND	18.2	9.1	50		12	66		40-140	27		30
Diethyl phthalate	ND	18.2	9.4	52		12	66		40-140	24		30
Dimethyl phthalate	ND	18.2	9.2	51		12	66		40-140	26		30
Biphenyl	ND	18.2	9.7	53		13	72		40-140	29		30
4-Chloroaniline	ND	18.2	7.1	**39**	Q	9.1	50		40-140	25		30
2-Nitroaniline	ND	18.2	10	55		14	77		52-143	**33**	Q	30
3-Nitroaniline	ND	18.2	8.9	49		11	61		25-145	21		30

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1612184-4 WG1612184-5 QC Sample: L2210519-01 Client ID: MW1												
4-Nitroaniline	ND	18.2	9.6	53		12	66		51-143	22		30
Dibenzofuran	ND	18.2	9.9	54		13	72		40-140	27		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	9.3J	51		13	72		2-134	**33**	Q	30
Acetophenone	ND	18.2	9.5	52		12	66		39-129	23		30
2,4,6-Trichlorophenol	ND	18.2	9.8	54		13	72		30-130	28		30
p-Chloro-m-cresol	ND	18.2	10	55		13	72		23-97	26		30
2-Chlorophenol	ND	18.2	11	61		13	72		27-123	17		30
2,4-Dichlorophenol	ND	18.2	10	55		13	72		30-130	26		30
2,4-Dimethylphenol	ND	18.2	10	55		11	61		30-130	10		30
2-Nitrophenol	ND	18.2	12	66		16	88		30-130	29		30
4-Nitrophenol	ND	18.2	10	55		14	77		10-80	**33**	Q	30
2,4-Dinitrophenol	ND	18.2	12.J	66		17.J	94		20-130	**34**	Q	30
4,6-Dinitro-o-cresol	ND	18.2	13	72		17	94		20-164	27		30
Phenol	ND	18.2	8.6	47		11	61		12-110	24		30
2-Methylphenol	ND	18.2	11	61		12	66		30-130	9		30
3-Methylphenol/4-Methylphenol	ND	18.2	11	61		13	72		30-130	17		30
2,4,5-Trichlorophenol	ND	18.2	9.9	54		14	77		30-130	**34**	Q	30
Carbazole	ND	18.2	10	55		13	72		55-144	26		30
Atrazine	ND	18.2	10	55		13	72		40-140	26		30
Benzaldehyde	ND	18.2	9.4	52		12	66		40-140	24		30
Caprolactam	ND	18.2	5.0J	28		6.4J	35		10-130	25		30
2,3,4,6-Tetrachlorophenol	ND	18.2	11	61		14	77		40-140	24		30

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1612184-4 WG1612184-5 QC Sample: L2210519-01 Client ID: MW1												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	58		78		10-120
2-Fluorobiphenyl	49		65		15-120
2-Fluorophenol	52		66		21-120
4-Terphenyl-d14	52		68		41-149
Nitrobenzene-d5	60		81		23-120
Phenol-d6	49		60		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1612185-4 WG1612185-5 QC Sample: L2210519-01 Client ID: MW1												
Acenaphthene	ND	18.2	10	55		14	77		40-140	33		40
2-Chloronaphthalene	ND	18.2	9.7	53		13	72		40-140	29		40
Fluoranthene	0.02J	18.2	11	61		15	83		40-140	31		40
Hexachlorobutadiene	ND	18.2	8.6	47		11	61		40-140	24		40
Naphthalene	0.51	18.2	9.5	49		13	69		40-140	31		40
Benzo(a)anthracene	0.03J	18.2	11	61		15	83		40-140	31		40
Benzo(a)pyrene	0.02J	18.2	10	55		14	77		40-140	33		40
Benzo(b)fluoranthene	0.02J	18.2	11	61		16	88		40-140	37		40
Benzo(k)fluoranthene	ND	18.2	11	61		15	83		40-140	31		40
Chrysene	ND	18.2	10	55		14	77		40-140	33		40
Acenaphthylene	0.02J	18.2	9.4	52		13	72		40-140	32		40
Anthracene	0.03J	18.2	10	55		14	77		40-140	33		40
Benzo(ghi)perylene	ND	18.2	12	66		16	88		40-140	29		40
Fluorene	0.03J	18.2	10	55		14	77		40-140	33		40
Phenanthrene	0.05J	18.2	10	55		14	77		40-140	33		40
Dibenzo(a,h)anthracene	ND	18.2	12	66		17	94		40-140	34		40
Indeno(1,2,3-cd)pyrene	0.02J	18.2	12	66		17	94		40-140	34		40
Pyrene	0.02J	18.2	11	61		15	83		40-140	31		40
2-Methylnaphthalene	0.08J	18.2	9.7	53		13	72		40-140	29		40
Pentachlorophenol	ND	18.2	12	66		15	83		40-140	22		40
Hexachlorobenzene	ND	18.2	11	61		14	77		40-140	24		40
Hexachloroethane	ND	18.2	9.1	50		12	66		40-140	27		40

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1612185-4 WG1612185-5 QC Sample: L2210519-01 Client ID: MW1												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	63		84		10-120
2-Fluorobiphenyl	53		71		15-120
2-Fluorophenol	52		70		21-120
4-Terphenyl-d14	59		78		41-149
Nitrobenzene-d5	59		81		23-120
Phenol-d6	50		66		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 QC Batch ID: WG1612353-3 WG1612353-4 QC Sample: L2210519-01 Client ID: MW1												
Perfluorobutanoic Acid (PFBA)	15.8	36.7	44.8	79		44.6	81		67-148	0		30
Perfluoropentanoic Acid (PFPeA)	44.6	36.7	53.7	**25**	Q	54.1	**27**	Q	63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	7.01	32.6	36.6	91		36.0	92		65-157	2		30
Perfluorohexanoic Acid (PFHxA)	21.4	36.7	45.7	**66**	Q	46.6	71		69-168	2		30
Perfluoroheptanoic Acid (PFHpA)	18.8	36.7	43.8	68		44.6	73		58-159	2		30
Perfluorohexanesulfonic Acid (PFHxS)	12.6	33.5	40.7	84		42.4	92		69-177	4		30
Perfluorooctanoic Acid (PFOA)	30.7	36.7	49.0	**50**	Q	48.8	**51**	Q	63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	34.9	38.2	109		38.8	115		49-187	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	1.72	34.9	37.4	102		36.6	103		61-179	2		30
Perfluorononanoic Acid (PFNA)	2.16	36.7	37.8	97		38.2	101		68-171	1		30
Perfluorooctanesulfonic Acid (PFOS)	61.8	34	67.3	**16**	Q	64.2	**7**	Q	52-151	5		30
Perfluorodecanoic Acid (PFDA)	ND	36.7	38.3	104		38.3	108		63-171	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	35.2	41.6	118		37.8	111		56-173	10		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36.7	45.1	123		39.0	110		60-166	15		30
Perfluoroundecanoic Acid (PFUnA)	ND	36.7	39.1	107		38.0	107		60-153	3		30
Perfluorodecanesulfonic Acid (PFDS)	ND	35.4	35.1	99		31.6	92		38-156	10		30
Perfluorooctanesulfonamide (FOSA)	ND	36.7	37.3	102		34.4	97		46-170	8		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36.7	43.1F	117		41.3F	116		45-170	4		30
Perfluorododecanoic Acid (PFDoA)	ND	36.7	39.9	109		38.9	109		67-153	3		30
Perfluorotridecanoic Acid (PFTrDA)	ND	36.7	39.4	107		39.4	111		48-158	0		30
Perfluorotetradecanoic Acid (PFTA)	0.993J	36.7	38.1	101		38.6	106		59-182	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 QC Batch ID: WG1612353-3 WG1612353-4 QC Sample: L2210519-01 Client ID: MW1

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**172**	Q	**169**	Q	10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**287**	Q	**265**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	101		96		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	86		98		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93		90		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		89		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	83		82		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		104		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		81		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	84		80		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		96		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		103		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	29		29		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		101		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98		97		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		104		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		102		70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1613765-4 QC Sample: L2211164-01 Client ID: DUP Sample						
Perfluorooctanoic Acid (PFOA)	1.14J	1.06J	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	1.24J	1.20J	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		85		62-129
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		110		69-131

PESTICIDES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/07/22 15:30
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 06:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01 Date Collected: 02/28/22 11:10

Client ID: MW1 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/07/22 21:33
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	107		30-150	A
DCAA	88		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02
Client ID: MW2
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 15:04
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/07/22 17:06
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 06:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02 Date Collected: 02/28/22 15:04

Client ID: MW2 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02
Client ID: MW2
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 15:04
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/07/22 19:24
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	118		30-150	A
DCAA	101		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/04/22 14:00
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 12:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04 Date Collected: 02/27/22 11:34

Client ID: TW6 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**27**	Q	30-150	B
Decachlorobiphenyl	**22**	Q	30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/07/22 19:43
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	143		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08
Client ID: TW10
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/15/22 10:20
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 12:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08 Date Collected: 02/26/22 10:32

Client ID: TW10 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**6**	Q	30-150	A
Decachlorobiphenyl	**5**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**6**	Q	30-150	B
Decachlorobiphenyl	**4**	Q	30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08
Client ID: TW10
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/07/22 20:01
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	74		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08 RE
Client ID: TW10
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/16/22 16:18
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/15/22 14:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08 RE
Client ID: TW10
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/04/22 14:25
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 12:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09 Date Collected: 02/26/22 16:07

Client ID: TW11 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**29**	Q	30-150	B
Decachlorobiphenyl	30		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/07/22 20:19
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	105		30-150	A
DCAA	81		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/04/22 14:37
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 12:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11 Date Collected: 02/27/22 16:22

Client ID: TW13 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/07/22 20:38
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	81		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13
Client ID: TW15
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 14:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/04/22 14:50
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 12:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13 Date Collected: 02/27/22 14:27

Client ID: TW15 Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	35		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	30		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13
Client ID: TW15
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 14:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/07/22 20:56
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	79		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/04/22 15:02
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 12:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20 Date Collected: 02/27/22 00:00

Client ID: DUP Date Received: 02/28/22

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	32		30-150	B
Decachlorobiphenyl	**27**	Q	30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 03/07/22 21:15
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	124		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/03/22 14:27
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 07:23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04,08-09,11,13,20 Batch: WG1611105-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/03/22 14:27
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 03/03/22 07:23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04,08-09,11,13,20 Batch: WG1611105-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/07/22 17:34
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 03/05/22 01:42

Methylation Date: 03/06/22 09:28

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02,04,08-09,11,13,20 Batch: WG1612001-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	79		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/07/22 14:54
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 06:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1612197-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/07/22 14:54
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 03/06/22 06:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1612197-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/15/22 15:53
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 03/15/22 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1615637-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/15/22 15:53
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 03/15/22 05:08

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1615637-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	49		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,08-09,11,13,20 Batch: WG1611105-2 WG1611105-3									
Delta-BHC	66		60		30-150	8		20	A
Lindane	67		62		30-150	7		20	A
Alpha-BHC	72		69		30-150	5		20	A
Beta-BHC	81		83		30-150	3		20	A
Heptachlor	73		68		30-150	7		20	A
Aldrin	76		72		30-150	6		20	A
Heptachlor epoxide	68		65		30-150	5		20	A
Endrin	84		79		30-150	6		20	A
Endrin aldehyde	66		60		30-150	8		20	A
Endrin ketone	93		86		30-150	8		20	A
Dieldrin	72		68		30-150	6		20	A
4,4'-DDE	68		65		30-150	5		20	A
4,4'-DDD	78		74		30-150	6		20	A
4,4'-DDT	78		73		30-150	7		20	A
Endosulfan I	66		63		30-150	4		20	A
Endosulfan II	73		69		30-150	6		20	A
Endosulfan sulfate	84		76		30-150	9		20	A
Methoxychlor	107		97		30-150	9		20	A
cis-Chlordane	75		74		30-150	1		20	A
trans-Chlordane	89		84		30-150	6		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04,08-09,11,13,20 Batch: WG1611105-2 WG1611105-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		66		30-150	A
Decachlorobiphenyl	70		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		53		30-150	B
Decachlorobiphenyl	69		63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,04,08-09,11,13,20 Batch: WG1612001-2 WG1612001-3									
2,4-D	92		88		30-150	4		25	A
2,4,5-T	87		84		30-150	4		25	A
2,4,5-TP (Silvex)	93		90		30-150	3		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	105		97		30-150	A
DCAA	93		87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1612197-2 WG1612197-3									
Delta-BHC	66		58		30-150	13		20	A
Lindane	72		63		30-150	13		20	A
Alpha-BHC	71		63		30-150	12		20	A
Beta-BHC	76		66		30-150	13		20	A
Heptachlor	78		68		30-150	13		20	A
Aldrin	67		57		30-150	16		20	A
Heptachlor epoxide	74		64		30-150	14		20	A
Endrin	78		67		30-150	16		20	A
Endrin aldehyde	74		63		30-150	16		20	A
Endrin ketone	80		67		30-150	19		20	A
Dieldrin	73		62		30-150	17		20	A
4,4'-DDE	72		61		30-150	17		20	A
4,4'-DDD	75		64		30-150	16		20	A
4,4'-DDT	78		65		30-150	18		20	A
Endosulfan I	74		64		30-150	15		20	A
Endosulfan II	82		69		30-150	16		20	A
Endosulfan sulfate	78		66		30-150	18		20	A
Methoxychlor	83		71		30-150	16		20	A
cis-Chlordane	68		56		30-150	19		20	A
trans-Chlordane	76		64		30-150	17		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1612197-2 WG1612197-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		62		30-150	A
Decachlorobiphenyl	58		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		78		30-150	B
Decachlorobiphenyl	80		73		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1615637-2 WG1615637-3									
Delta-BHC	50		42		30-150	18		20	A
Lindane	52		43		30-150	20		20	A
Alpha-BHC	60		47		30-150	**24**	Q	20	A
Beta-BHC	67		57		30-150	16		20	A
Heptachlor	60		50		30-150	19		20	A
Aldrin	62		52		30-150	19		20	A
Heptachlor epoxide	56		47		30-150	17		20	A
Endrin	69		57		30-150	19		20	A
Endrin aldehyde	57		47		30-150	20		20	A
Endrin ketone	76		66		30-150	14		20	A
Dieldrin	59		50		30-150	17		20	A
4,4'-DDE	56		47		30-150	17		20	A
4,4'-DDD	63		54		30-150	16		20	A
4,4'-DDT	62		54		30-150	13		20	A
Endosulfan I	55		47		30-150	16		20	A
Endosulfan II	60		52		30-150	14		20	A
Endosulfan sulfate	68		58		30-150	16		20	A
Methoxychlor	83		74		30-150	12		20	A
cis-Chlordane	61		50		30-150	19		20	A
trans-Chlordane	71		61		30-150	15		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1615637-2 WG1615637-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		45		30-150	A
Decachlorobiphenyl	59		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		37		30-150	B
Decachlorobiphenyl	53		47		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02,04,08-09,11,13,20 QC Batch ID: WG1612001-4 WG1612001-5 QC Sample: L2210519-01 Client ID: MW1													
2,4-D	ND	5	4.73J	95		4.54J	91		30-150	4		25	A
2,4,5-T	ND	5	4.26	85		4.11	82		30-150	4		25	A
2,4,5-TP (Silvex)	ND	5	4.63	93		4.55	91		30-150	2		25	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	110		108		30-150	A
DCAA	139		102		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1612197-4 WG1612197-5 QC Sample: L2210519-01 Client ID: MW1													
Delta-BHC	ND	0.357	0.230	64		0.218	61		30-150	5		30	A
Lindane	ND	0.357	0.250	70		0.238	67		30-150	5		30	A
Alpha-BHC	ND	0.357	0.248	69		0.234	66		30-150	6		30	A
Beta-BHC	ND	0.357	0.266	74		0.268	75		30-150	1		30	A
Heptachlor	ND	0.357	0.273	76		0.272	76		30-150	0		30	A
Aldrin	ND	0.357	0.230	64		0.225	63		30-150	2		30	A
Heptachlor epoxide	ND	0.357	0.266	74		0.256	72		30-150	4		30	A
Endrin	ND	0.357	0.281	79		0.267	75		30-150	5		30	A
Endrin aldehyde	ND	0.357	0.262	73		0.241	68		30-150	8		30	A
Endrin ketone	ND	0.357	0.292	82		0.271	76		30-150	7		30	A
Dieldrin	ND	0.357	0.261	73		0.247	69		30-150	6		30	A
4,4'-DDE	ND	0.357	0.249	70		0.241	68		30-150	3		30	A
4,4'-DDD	ND	0.357	0.266	74		0.254	71		30-150	5		30	A
4,4'-DDT	ND	0.357	0.272	76		0.259	72		30-150	5		30	A
Endosulfan I	ND	0.357	0.267	75		0.248	69		30-150	7		30	A
Endosulfan II	ND	0.357	0.284	80		0.266	74		30-150	7		30	A
Endosulfan sulfate	ND	0.357	0.289	81		0.263	74		30-150	9		30	A
Methoxychlor	ND	0.357	0.314	88		0.282	79		30-150	11		30	A
cis-Chlordane	ND	0.357	0.227	64		0.222	62		30-150	2		30	A
trans-Chlordane	ND	0.357	0.270	76		0.252	71		30-150	7		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1612197-4 WG1612197-5 QC Sample: L2210519-01 Client ID: MW1												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		68		30-150	A
Decachlorobiphenyl	66		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		83		30-150	B
Decachlorobiphenyl	74		69		30-150	B

METALS

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.168		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00056		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Barium, Total	0.06792		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Calcium, Total	127.		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Chromium, Total	0.00025	J	mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00018	J	mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Copper, Total	0.00056	J	mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Iron, Total	0.0965		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Magnesium, Total	17.4		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Manganese, Total	0.1462		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Mercury, Total	0.00012	J	mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 10:46	EPA 7470A	1,7470A	AC
Nickel, Total	0.00088	J	mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Potassium, Total	1.49		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Sodium, Total	344.		mg/l	0.100	0.0293	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD
Zinc, Total	0.01729		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 16:19	EPA 3005A	1,6020B	CD

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02
Client ID: MW2
Sample Location: LIVERPOOL, NY
Date Collected: 02/28/22 15:04
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.576		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Antimony, Total	0.00046	J	mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Arsenic, Total	0.01602		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Barium, Total	0.02592		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00011	J	mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Calcium, Total	13.5		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Chromium, Total	0.00165		mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00035	J	mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Copper, Total	0.03649		mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Iron, Total	1.09		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Lead, Total	0.01012		mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Magnesium, Total	3.85		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Manganese, Total	0.02782		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 11:26	EPA 7470A	1,7470A	AC
Nickel, Total	0.00143	J	mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Potassium, Total	12.6		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Sodium, Total	256.		mg/l	0.100	0.0293	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Thallium, Total	0.00014	J	mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Vanadium, Total	0.00469	J	mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD
Zinc, Total	0.03772		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 17:12	EPA 3005A	1,6020B	CD

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04
Client ID: TW6
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.65		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Antimony, Total	0.00050	J	mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00375		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Barium, Total	0.1750		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00013	J	mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Calcium, Total	175.		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Chromium, Total	0.00372		mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00228		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Copper, Total	0.00792		mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Iron, Total	2.70		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Lead, Total	0.04351		mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Magnesium, Total	39.7		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Manganese, Total	2.255		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Mercury, Total	0.00014	J	mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 11:29	EPA 7470A	1,7470A	AC
Nickel, Total	0.00585		mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Potassium, Total	5.99		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Sodium, Total	117.		mg/l	0.100	0.0293	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Vanadium, Total	0.00440	J	mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD
Zinc, Total	0.03272		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 17:17	EPA 3005A	1,6020B	CD

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08
Client ID: TW10
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.634		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00072		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Barium, Total	0.05739		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Calcium, Total	300.		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Chromium, Total	0.00123		mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00093		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Copper, Total	0.00182		mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Iron, Total	1.25		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Lead, Total	0.00085	J	mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Magnesium, Total	59.5		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Manganese, Total	0.6301		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Mercury, Total	0.00009	J	mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 11:32	EPA 7470A	1,7470A	AC
Nickel, Total	0.00309		mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Potassium, Total	1.70		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Sodium, Total	152.		mg/l	0.100	0.0293	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD
Zinc, Total	0.01262		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 17:22	EPA 3005A	1,6020B	CD

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09
Client ID: TW11
Sample Location: LIVERPOOL, NY
Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	16.7		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Arsenic, Total	0.01320		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Barium, Total	0.3295		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00063		mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00024		mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Calcium, Total	463.		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Chromium, Total	0.02665		mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Cobalt, Total	0.02046		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Copper, Total	0.05569		mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Iron, Total	39.0		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Lead, Total	0.02602		mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Magnesium, Total	132.		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Manganese, Total	5.152		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Mercury, Total	0.00018	J	mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 11:36	EPA 7470A	1,7470A	AC
Nickel, Total	0.05732		mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Potassium, Total	3.20		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Selenium, Total	0.00719		mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Sodium, Total	154.		mg/l	0.100	0.0293	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Thallium, Total	0.00029	J	mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Vanadium, Total	0.02981		mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD
Zinc, Total	0.1010		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 17:27	EPA 3005A	1,6020B	CD

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5.57		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Antimony, Total	0.00096	J	mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00978		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Barium, Total	0.1081		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Beryllium, Total	0.00023	J	mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00009	J	mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Calcium, Total	158.		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Chromium, Total	0.00856		mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00544		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Copper, Total	0.01688		mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Iron, Total	11.7		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Lead, Total	0.00956		mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Magnesium, Total	24.2		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Manganese, Total	0.2962		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 11:39	EPA 7470A	1,7470A	AC
Nickel, Total	0.01211		mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Potassium, Total	7.36		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Selenium, Total	0.00230	J	mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Sodium, Total	140.		mg/l	0.100	0.0293	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Vanadium, Total	0.01226		mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD
Zinc, Total	0.05079		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 17:32	EPA 3005A	1,6020B	CD

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13
Client ID: TW15
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/22 14:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.102		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00068		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Barium, Total	0.3120		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Calcium, Total	281.		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Chromium, Total	0.00051	J	mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Copper, Total	0.00073	J	mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Iron, Total	0.152		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Lead, Total	0.00039	J	mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Magnesium, Total	43.9		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Manganese, Total	0.00183		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Mercury, Total	0.00012	J	mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 11:42	EPA 7470A	1,7470A	AC
Nickel, Total	0.00094	J	mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Potassium, Total	4.08		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Sodium, Total	597.		mg/l	0.500	0.146	5	03/03/22 10:32	03/03/22 18:05	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD
Zinc, Total	0.01221		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 17:36	EPA 3005A	1,6020B	CD

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2210519
Project Number: 2001642
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20
Client ID: DUP
Sample Location: LIVERPOOL, NY
Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.68		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Antimony, Total	0.00047	J	mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00397		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Barium, Total	0.1683		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00010	J	mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Calcium, Total	169.		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Chromium, Total	0.00355		mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00228		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Copper, Total	0.00782		mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Iron, Total	2.75		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Lead, Total	0.04302		mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Magnesium, Total	39.4		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Manganese, Total	2.098		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Mercury, Total	0.00014	J	mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 11:46	EPA 7470A	1,7470A	AC
Nickel, Total	0.00772		mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Potassium, Total	6.08		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Sodium, Total	118.		mg/l	0.100	0.0293	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Vanadium, Total	0.00513		mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD
Zinc, Total	0.02782		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 17:41	EPA 3005A	1,6020B	CD

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04,08-09,11,13,20 Batch: WG1610363-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Arsenic, Total	0.00017	J	mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Thallium, Total	0.00028	J	mg/l	0.00100	0.00014	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/03/22 10:32	03/03/22 18:01	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04,08-09,11,13,20 Batch: WG1610364-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/03/22 12:55	03/07/22 10:31	1,7470A	AC

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 Batch: WG1610363-2								
Aluminum, Total	94		-		80-120	-		
Antimony, Total	84		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	86		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	92		-		80-120	-		
Chromium, Total	93		-		80-120	-		
Cobalt, Total	89		-		80-120	-		
Copper, Total	93		-		80-120	-		
Iron, Total	92		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	100		-		80-120	-		
Manganese, Total	89		-		80-120	-		
Nickel, Total	92		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	92		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 Batch: WG1610363-2					
Zinc, Total	90	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 Batch: WG1610364-2					
Mercury, Total	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 QC Batch ID: WG1610363-3 WG1610363-4 QC Sample: L2210519-01 Client ID: MW1												
Aluminum, Total	0.168	2	1.94	89		2.00	92		75-125	3		20
Antimony, Total	ND	0.5	0.3940	79		0.3830	77		75-125	3		20
Arsenic, Total	0.00056	0.12	0.1149	95		0.1192	99		75-125	4		20
Barium, Total	0.06792	2	1.754	84		1.775	85		75-125	1		20
Beryllium, Total	ND	0.05	0.04436	89		0.04640	93		75-125	4		20
Cadmium, Total	ND	0.053	0.05154	97		0.05274	100		75-125	2		20
Calcium, Total	127.	10	124	**0**	Q	130	**30**	Q	75-125	5		20
Chromium, Total	0.00025J	0.2	0.1775	89		0.1827	91		75-125	3		20
Cobalt, Total	0.00018J	0.5	0.4248	85		0.4400	88		75-125	4		20
Copper, Total	0.00056J	0.25	0.2204	88		0.2296	92		75-125	4		20
Iron, Total	0.0965	1	0.998	90		1.02	92		75-125	2		20
Lead, Total	ND	0.53	0.4850	92		0.4937	93		75-125	2		20
Magnesium, Total	17.4	10	25.4	80		25.9	85		75-125	2		20
Manganese, Total	0.1462	0.5	0.5657	84		0.5947	90		75-125	5		20
Nickel, Total	0.00088J	0.5	0.4334	87		0.4479	90		75-125	3		20
Potassium, Total	1.49	10	10.8	93		11.2	97		75-125	4		20
Selenium, Total	ND	0.12	0.120	100		0.110	92		75-125	9		20
Silver, Total	ND	0.05	0.04742	95		0.04772	95		75-125	1		20
Sodium, Total	344.	10	315	**0**	Q	321	**0**	Q	75-125	2		20
Thallium, Total	ND	0.12	0.1121	93		0.1139	95		75-125	2		20
Vanadium, Total	ND	0.5	0.4543	91		0.4529	90		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 QC Batch ID: WG1610363-3 WG1610363-4 QC Sample: L2210519-01 Client ID: MW1									
Zinc, Total	0.01729	0.5	0.4421	85	0.4527	87	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 QC Batch ID: WG1610364-3 WG1610364-4 QC Sample: L2210519-01 Client ID: MW1									
Mercury, Total	0.00012J	0.005	0.00479	96	0.00476	95	75-125	1	20

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04,08-09,11,13,20 QC Batch ID: WG1610363-6 QC Sample: L2210519-01 Client ID: MW1						
Barium, Total	0.06792	0.07227	mg/l	6		20
Calcium, Total	127.	127.	mg/l	0		20
Magnesium, Total	17.4	16.7	mg/l	4		20
Manganese, Total	0.1462	0.1567	mg/l	7		20
Sodium, Total	344.	331.	mg/l	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-01
Client ID: MW1
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 11:10
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/03/22 10:20	03/03/22 14:12	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-02
Client ID: MW2
Sample Location: LIVERPOOL, NY

Date Collected: 02/28/22 15:04
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/03/22 10:20	03/03/22 14:15	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-04
Client ID: TW6
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 11:34
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/03/22 10:20	03/03/22 14:16	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-08
Client ID: TW10
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 10:32
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/08/22 11:55	03/09/22 10:06	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-09
Client ID: TW11
Sample Location: LIVERPOOL, NY

Date Collected: 02/26/22 16:07
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/08/22 11:55	03/09/22 10:09	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-11
Client ID: TW13
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 16:22
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/08/22 11:55	03/09/22 10:10	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-13
Client ID: TW15
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 14:27
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/08/22 11:55	03/09/22 10:12	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

SAMPLE RESULTS

Lab ID: L2210519-20
Client ID: DUP
Sample Location: LIVERPOOL, NY

Date Collected: 02/27/22 00:00
Date Received: 02/28/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/08/22 11:55	03/09/22 10:23	1,9010C/9012B	CS

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2210519

Project Number: 2001642 **Report Date:** 03/17/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02,04 Batch: WG1611078-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/03/22 10:20	03/03/22 13:43	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 08-09,11,13,20 Batch: WG1612994-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/08/22 11:55	03/09/22 10:02	1,9010C/9012B	CS

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2210519

Report Date: 03/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 Batch: WG1611078-2 WG1611078-3								
Cyanide, Total	104		102		85-115	2		20
General Chemistry - Westborough Lab Associated sample(s): 08-09,11,13,20 Batch: WG1612994-2 WG1612994-3								
Cyanide, Total	102		113		85-115	10		20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04 QC Batch ID: WG1611078-4 WG1611078-5 QC Sample: L2210519-01 Client ID: MW1												
Cyanide, Total	ND	0.2	0.180	90		0.200	100		80-120	11		20
General Chemistry - Westborough Lab Associated sample(s): 08-09,11,13,20 QC Batch ID: WG1612994-4 WG1612994-5 QC Sample: L2210519-08 Client ID: TW10												
Cyanide, Total	ND	0.2	0.199	100		0.205	102		80-120	3		20

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent
F	Absent
G	Absent
H	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-01A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-01A1	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-01A2	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-01B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-01B1	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-01B2	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-01C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-01C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2210519-01C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2210519-01D	Amber 120ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-01D1	Amber 120ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-01D2	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2210519-01E	Amber 120ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-01E1	Amber 120ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-01E2	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-01F	Amber 120ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-01F1	Amber 120ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-01F2	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2210519-01G	Amber 120ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-01G1	Amber 120ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-01G2	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2210519-01H	Amber 250ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-01H1	Amber 250ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-01H2	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-01J	Amber 250ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-01J1	Amber 250ml unpreserved	D	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-01J2	Amber 250ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-01K	Plastic 250ml NaOH preserved	D	>12	>12	5.2	Y	Absent		TCN-9010(14)
L2210519-01K1	Plastic 250ml NaOH preserved	D	>12	>12	5.2	Y	Absent		TCN-9010(14)
L2210519-01K2	Plastic 250ml NaOH preserved	C	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2210519-01L	Plastic 250ml HNO3 preserved	D	<2	<2	5.2	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2210519-01L1	Plastic 250ml HNO3 preserved	D	<2	<2	5.2	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-01L2	Plastic 250ml HNO3 preserved	C	<2	<2	2.6	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2210519-01M	Amber 1000ml unpreserved	D	7	7	5.2	Y	Absent		HERB-APA(7)
L2210519-01M1	Amber 1000ml unpreserved	D	7	7	5.2	Y	Absent		HERB-APA(7)
L2210519-01M2	Amber 1000ml unpreserved	C	7	7	2.6	Y	Absent		HERB-APA(7)
L2210519-01N	Amber 1000ml unpreserved	D	7	7	5.2	Y	Absent		HERB-APA(7)
L2210519-01N1	Amber 1000ml unpreserved	D	7	7	5.2	Y	Absent		HERB-APA(7)
L2210519-01N2	Amber 1000ml unpreserved	C	7	7	2.6	Y	Absent		HERB-APA(7)
L2210519-01O	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-01O1	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-01O2	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-01P	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-01P1	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-01P2	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-01Q	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-01R	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-02A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-02B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-02C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-02D	Amber 120ml unpreserved	C	10	10	2.6	Y	Absent		NYTCL-8081(7)
L2210519-02E	Amber 120ml unpreserved	C	10	10	2.6	Y	Absent		NYTCL-8081(7)
L2210519-02F	Amber 120ml unpreserved	C	10	10	2.6	Y	Absent		NYTCL-8081(7)
L2210519-02G	Amber 120ml unpreserved	C	10	10	2.6	Y	Absent		NYTCL-8081(7)
L2210519-02H	Amber 250ml unpreserved	C	10	10	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-02J	Amber 250ml unpreserved	C	10	10	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-02K	Plastic 250ml NaOH preserved	C	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2210519-02L	Plastic 250ml HNO3 preserved	C	<2	<2	2.6	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2210519-02M	Amber 1000ml unpreserved	C	10	10	2.6	Y	Absent		HERB-APA(7)
L2210519-02N	Amber 1000ml unpreserved	C	10	10	2.6	Y	Absent		HERB-APA(7)
L2210519-02O	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-02P	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-03A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-03B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-03C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-04A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-04B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-04C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-04D	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8081(7)
L2210519-04E	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8081(7)
L2210519-04F	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8081(7)
L2210519-04G	Amber 120ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8081(7)
L2210519-04H	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-04J	Amber 250ml unpreserved	A	7	7	2.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-04K	Plastic 250ml NaOH preserved	A	>12	>12	2.0	Y	Absent		TCN-9010(14)
L2210519-04L	Plastic 250ml HNO3 preserved	A	<2	<2	2.0	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-04M	Amber 1000ml unpreserved	A	7	7	2.0	Y	Absent		HERB-APA(7)
L2210519-04N	Amber 1000ml unpreserved	A	7	7	2.0	Y	Absent		HERB-APA(7)
L2210519-04O	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-04P	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-05A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-05B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-05C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-06A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-06B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-06C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-07A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-07B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-07C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-08A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-08B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-08C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-08D	Amber 120ml unpreserved	F	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-08E	Amber 120ml unpreserved	F	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-08F	Amber 120ml unpreserved	F	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-08G	Amber 120ml unpreserved	F	7	7	5.2	Y	Absent		NYTCL-8081(7)
L2210519-08H	Amber 250ml unpreserved	F	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-08J	Amber 250ml unpreserved	F	7	7	5.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-08K	Plastic 250ml NaOH preserved	F	>12	>12	5.2	Y	Absent		TCN-9010(14)
L2210519-08L	Plastic 250ml HNO3 preserved	F	<2	<2	5.2	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-08M	Amber 1000ml unpreserved	F	7	7	5.2	Y	Absent		HERB-APA(7)
L2210519-08N	Amber 1000ml unpreserved	F	7	7	5.2	Y	Absent		HERB-APA(7)
L2210519-08O	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-08P	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-09A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-09B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-09C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-09D	Amber 120ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2210519-09E	Amber 120ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2210519-09F	Amber 120ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2210519-09G	Amber 120ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2210519-09H	Amber 250ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-09J	Amber 250ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-09K	Plastic 250ml NaOH preserved	E	>12	>12	4.9	Y	Absent		TCN-9010(14)
L2210519-09L	Plastic 250ml HNO3 preserved	E	<2	<2	4.9	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2210519-09M	Amber 1000ml unpreserved	E	7	7	4.9	Y	Absent		HERB-APA(7)
L2210519-09N	Amber 1000ml unpreserved	E	7	7	4.9	Y	Absent		HERB-APA(7)
L2210519-09O	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-09P	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-10A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-10B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-10C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-11A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-11B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-11C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-11D	Amber 120ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2210519-11E	Amber 120ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2210519-11F	Amber 120ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2210519-11G	Amber 120ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2210519-11H	Amber 250ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-11J	Amber 250ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-11K	Plastic 250ml NaOH preserved	G	>12	>12	5.0	Y	Absent		TCN-9010(14)
L2210519-11L	Plastic 250ml HNO3 preserved	G	<2	<2	5.0	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2210519-11M	Amber 1000ml unpreserved	G	7	7	5.0	Y	Absent		HERB-APA(7)
L2210519-11N	Amber 1000ml unpreserved	G	7	7	5.0	Y	Absent		HERB-APA(7)
L2210519-11O	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-11P	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-12A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-12B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-12C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-13A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-13B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-13C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-13D	Amber 120ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2210519-13E	Amber 120ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2210519-13F	Amber 120ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2210519-13G	Amber 120ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2210519-13H	Amber 250ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-13J	Amber 250ml unpreserved	E	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-13K	Plastic 250ml NaOH preserved	E	>12	>12	4.9	Y	Absent		TCN-9010(14)
L2210519-13L	Plastic 250ml HNO3 preserved	E	<2	<2	4.9	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2210519-13M	Amber 1000ml unpreserved	E	7	7	4.9	Y	Absent		HERB-APA(7)
L2210519-13N	Amber 1000ml unpreserved	E	7	7	4.9	Y	Absent		HERB-APA(7)
L2210519-13O	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-13P	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-14A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-14B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-14C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-15A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-15B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-15C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-16A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-16B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-16C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-17A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-17B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-17C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-18A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-18B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-18C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-19A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-19B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-19C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-20A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-20B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-20C	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-20D	Amber 120ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2210519-20E	Amber 120ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2210519-20F	Amber 120ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2210519-20G	Amber 120ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8081(7)
L2210519-20H	Amber 250ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-20J	Amber 250ml unpreserved	G	7	7	5.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2210519-20K	Plastic 250ml NaOH preserved	G	>12	>12	5.0	Y	Absent		TCN-9010(14)
L2210519-20L	Plastic 250ml HNO3 preserved	G	<2	<2	5.0	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2210519-20M	Amber 1000ml unpreserved	G	7	7	5.0	Y	Absent		HERB-APA(7)
L2210519-20N	Amber 1000ml unpreserved	G	7	7	5.0	Y	Absent		HERB-APA(7)
L2210519-20O	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-20P	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2210519-23A	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-23B	Vial HCl preserved	H	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2210519-23C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2210519-23D	Amber 120ml unpreserved	F	7	7	5.2	Y	Absent		HOLD-8081(7)
L2210519-23E	Amber 120ml unpreserved	F	7	7	5.2	Y	Absent		HOLD-8081(7)
L2210519-23F	Amber 120ml unpreserved	F	7	7	5.2	Y	Absent		HOLD-8081(7)
L2210519-23G	Amber 120ml unpreserved	F	7	7	5.2	Y	Absent		HOLD-8081(7)
L2210519-23H	Amber 250ml unpreserved	F	7	7	5.2	Y	Absent		HOLD-8270(7)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2210519
Report Date: 03/17/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2210519-23J	Amber 250ml unpreserved	F	7	7	5.2	Y	Absent		HOLD-8270(7)
L2210519-23K	Plastic 250ml NaOH preserved	F	>12	>12	5.2	Y	Absent		HOLD-WETCHEM()
L2210519-23L	Plastic 250ml HNO3 preserved	F	<2	<2	5.2	Y	Absent		HOLD-METAL-TOTAL(180)
L2210519-23M	Amber 1000ml unpreserved	F	7	7	5.2	Y	Absent		HOLD-8151(7)
L2210519-23N	Amber 1000ml unpreserved	F	7	7	5.2	Y	Absent		HOLD-8151(7)
L2210519-24A	Plastic 250ml unpreserved	B	NA		4.8	Y	Absent		HOLD-537(14)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2210519
Report Date: 03/17/22

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2210519
Project Number:	2001642	**Report Date:**	03/17/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2210519
Project Number:	2001642	**Report Date:**	03/17/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2210519
Project Number:	2001642	**Report Date:**	03/17/22

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2210519
Project Number:	2001642	**Report Date:**	03/17/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 3/1/22

ALPHA Job #: L2210519

Client Information

Client: GEI Consultants Inc.
Address: 1301 Trumansburg Rd
Ithaca, NY 14850
Phone: [illegible]
Fax:
Email: wmoore@geiconsultants.com

Project Information

Project Name: UniFirst Liverpool
Project Location: Liverpool, NY
Project #: 2001642
(Use Project name as Project #) ☐
Project Manager: Wendy Moore
ALPHAQuote #:

Turn-Around Time

Standard ☒ — Due Date:
Rush (only if pre approved) ☐ — # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	SVOCs 8270	Metals (TAL)	PFAs	Rest.	Hexo.	Cyanide	Total Bottles
105/19-01	~~MW-1~~ MW1	2/28/22	1110	GW	BP	X	X	X	X	X	X	X	5
-02	~~MW-2~~ MW2	2/28/22	1504	GW	RM	X	X	X	X	X	X	X	5
-03	~~TW-5~~ TW5	2/26/22	1526	GW	BP	X							3
-04	TW6	2/27/22	1134	GW	RM	X	X	X	X	X	X	X	5
-05	TW7	2/26/22	1722	GW	RM	X							3
-06	TW 8	2/26/22	1244	GW	BP	X							3
-07	TW 9	2/26/22	1328	GW	BP	X							3
-08	TW 10	2/27/22	1032	GW	BP	X	X	X	X	X	X	X	5
-09	TW 11	2/27/22	1607	GW	BP	X	X	X	X	X	X	X	5
-10	TW 12	2/26/22	1420	GW	BP	X							3

Container Type	V	A	P	P	A	A	P	
Preservative	B	A	C	A	A	A	E	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Robina Moyer	2/28/22 1825	Steve Stormy	2/28/22 19:00
Steve Stormy	2/28/22 19:00	[signature]	2/28/22 19:00
[signature]	2/28/22 1905	[signature]	3/1/22 0015

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 3

Date Rec'd in Lab: 3/1/22

ALPHA Job #: L2210519

Client Information
Client: GEI Consultants Inc.
Address: 1301 Trumansburg Rd
Ithaca, NY 14850
Phone:
Fax:
Email: wmoore@geiconsultants.com

Project Information
Project Name: UniFirst Liverpool
Project Location: Liverpool, NY
Project #: 2001642
(Use Project name as Project #)
Project Manager: Wendy Moore
ALPHAQuote #:

Turn-Around Time
Standard: X — Due Date:
Rush (only if pre approved): — # of Days:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
ASP-A — ASP-B: X
EQuIS (1 File) — EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS — NY Part 375
AWQ Standards — NY CP-51
NY Restricted Use — Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info: X
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ — NY
Other:

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)
Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8240	SVOCs 8270	TAL Metals	PFAs	Pest.	Herb	Cyanide		Total Bottles
10519-11	TW13	2/27/22	1622	GW	RM	X	X	X	X	X	X	X		15
-12	TW14	2/26/22	1212	GW	RM	X								3
-13	TW15	2/27/22	1427	GW	RM	X	X	X	X	X	X	X		15
-14	TW16	2/28/22	1047	GW	RM	X								3
-15	TW17	2/26/22	1802	GW	BP	X								3
-16	TW18	2/26/22	1553	GW	RM	X								3
-17	TW19	2/26/22	1452	GW	RM	X								3
-18	TW20	2/26/22	1327	GW	RM	X								3
-19	TW21	2/26/22	1648	GW	BP	X								3
-20	DUP	2/27/22		GW	RM	X	X	X	X	X	X	X		15
					Container Type	V	A	P	P	A	A	P		
					Preservative	B	A	C	A	A	A	E		

ANALYSIS

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	2/28/22 1820	Secure Storage	2/28/22 1900
Secure Storage	2/28/22 1900		2/29/22 1410
	2/29/22 1410		3/1/22 0915

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA

NEW YORK CHAIN OF CUSTODY

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Page: 3 of 3

Date Rec'd in Lab: 3/1/22

ALPHA Job #: L2210519

Client Information
Client: GEI Consultants Inc
Address: 1301 Elmira Rd
Ithaca, NY 14850
Phone:
Fax:
Email: wmoore@geiconsultants.com

Project Information
Project Name: UniFirst Liverpool
Project Location: Liverpool, NY
Project #: 2001642
(Use Project name as Project #)
Project Manager: Wendy Moore
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
ASP-A
X ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
X Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	SVOCs 8270	TAL Metals	PFAs	Pest.	Herb.	Cyanide	Sample Specific Comments	Total Bottles
10519-21	MS	2/28/22		GW	BP	X	X	X	X	X	X	X	only 2 vials for VOCs	14
-22	MSD	2/28/22		GW	BP	X	X	X	X	X	X	X	only 2 vials for VOCs	14

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	P	P	A	A	P	
Preservative	B	A	C	A	A	A	E	

Relinquished By:	Date/Time	Received By:	Date/Time
	2/28/22 1825		2/28/22 1825
	2/28/22 1900		2/28/22 19:00
	2/28/22 1905		3/1/22 0815

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2307270
Client:	GEI Consultants, Inc., P.C. 1301 Trumansburg Road Suite N Ithaca, NY 14850
ATTN:	Jeffrey Holden
Phone:	(607) 216-8955
Project Name:	UNIFIRST - LIVERPOOL
Project Number:	2001642
Report Date:	03/10/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2307270-01	MW1_G	WATER	LIVERPOOL, NY	02/07/23 09:30	02/09/23
L2307270-02	MW2_G	WATER	LIVERPOOL, NY	02/07/23 12:00	02/09/23
L2307270-03	MW3S_G	WATER	LIVERPOOL, NY	02/07/23 15:45	02/09/23
L2307270-04	MW3I_G	WATER	LIVERPOOL, NY	02/08/23 10:30	02/09/23
L2307270-05	MW4S_G	WATER	LIVERPOOL, NY	02/08/23 14:00	02/09/23
L2307270-06	MW4I_G	WATER	LIVERPOOL, NY	02/08/23 16:45	02/09/23
L2307270-07	DUP01_020823	WATER	LIVERPOOL, NY	02/08/23 00:00	02/09/23
L2307270-08	TRIP BLANK	WATER	LIVERPOOL, NY	02/09/23 15:40	02/09/23
L2307270-09	B402(0-5)	SOIL	LIVERPOOL, NY	02/06/23 11:30	02/09/23
L2307270-10	B402 (10-12)	SOIL	LIVERPOOL, NY	02/09/23 08:45	02/09/23
L2307270-11	B402 (14-16)	SOIL	LIVERPOOL, NY	02/09/23 08:55	02/09/23
L2307270-12	B402 (18-20)	SOIL	LIVERPOOL, NY	02/09/23 09:15	02/09/23
L2307270-13	B402 (20-25)	SOIL	LIVERPOOL, NY	02/09/23 09:30	02/09/23
L2307270-14	B402 (28-30)	SOIL	LIVERPOOL, NY	02/09/23 09:50	02/09/23
L2307270-15	B402 (33-35)	SOIL	LIVERPOOL, NY	02/09/23 10:18	02/09/23
L2307270-16	B402 (35-40)	SOIL	LIVERPOOL, NY	02/09/23 10:45	02/09/23
L2307270-17	DUP01_020923	SOIL	LIVERPOOL, NY	02/09/23 00:00	02/09/23
L2307270-18	RINSE BLANK	WATER	LIVERPOOL, NY	02/09/23 16:00	02/09/23

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2307270
Project Number:	2001642	**Report Date:**	03/10/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2307270
Project Number:	2001642	**Report Date:**	03/10/23

Case Narrative (continued)

Report Submission

March 10, 2023: This final report includes the results of all requested analyses.

February 23, 2023: This is a preliminary report.

February 23, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2307270-01 through -07: The element list for metals analysis was specified by the client.

L2307270-02, -03, -04, and -07: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3 to a pH <2.

L2307270-06: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3; however, the pH would not adjust into the proper range.

L2307270-09: The water-preserved VOA vials for Volatile Organics Low-Level analysis were received at the laboratory beyond the 48 hour holding time required for freezing. The client was notified and the results of the analysis are reported.

Volatile Organics

L2307270-01, -02D, and -03D: The sample was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

L2307270-04D, -05D, -06D, -07D: The pH was greater than two; however, the sample was analyzed within the method required holding time.

L2307270-09 and -11: The acetone result should be considered estimated due to co-elution with a non-target compound.

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270
Project Number: 2001642 **Report Date:** 03/10/23

Case Narrative (continued)

Dissolved Gases

L2307270-02, -04, -05, and -06: The samples were collected in pre-preserved vials; however, the pH of the sample was determined to be greater than two.

Perfluorinated Alkyl Acids by 1633

The WG1751676-4/-5 MS/MSD RPD, performed on L2307270-15, is outside the acceptance criteria for perfluorododecane sulfonic acid (pfdods) (38%).

Total Metals

L2307270-04, -06, and -07: The sample has an elevated detection limit for iron due to the prep dilution required by the sample matrix.

L2307270-09, -11, and -15: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1743568-3/-4 MS/MSD recoveries for iron (350%/900%), performed on L2307270-04, do not apply because the sample concentration is greater than four times the spike amount added.

The WG1743954-3/-4 MSD recoveries for aluminum (203%/164%), calcium (288%/604%), and iron (MSD 0%), performed on L2307270-15, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1743954-3/-4 MS/MSD recoveries, performed on L2307270-15, are outside the acceptance criteria for copper (217%/136%). A post digestion spike was performed and was within acceptance criteria.

The WG1743954-3/-4 MS/MD recoveries, performed on L2307270-15, are outside the acceptance criteria for sodium (127%/127%). A post digestion spike was performed and yielded an unacceptable recovery for sodium (126%). The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1743954-3/-4 MS/MSD RPD for copper (36%), performed on L2307270-15, is above the acceptance criteria.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2307270
Project Number:	2001642	**Report Date:**	03/10/23

Case Narrative (continued)

Cyanide, Total

The WG1745087-2 LCS recovery for cyanide, total (64%), associated with L2307270-11 and -15, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1745087-2/-3 LCS/LCSD RPD, associated with L2307270-11 and -15, is above the acceptance criteria for cyanide, total (45%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/10/23

ORGANICS

VOLATILES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-01
Client ID: MW1_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/07/23 09:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/15/23 00:15
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	52		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.18	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	2.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	8.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-01 Date Collected: 02/07/23 09:30

Client ID: MW1_G Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	37		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-01
Client ID: MW1_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 09:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/13/23 11:03
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	76.5		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	4.38		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-02
Client ID: MW2_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 12:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/13/23 11:20
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	30.2		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	1.17		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-02 D
Client ID: MW2_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 12:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/17/23 00:03
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	470		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	ND		ug/l	2.5	0.80	5
Toluene	530		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	1.0	J	ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	120		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-02 D
Client ID: MW2_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 12:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	130		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	16	J	ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-03
Client ID: MW3S_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 15:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/13/23 11:38
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	1820		ug/l	2.00	2.00	1	A
Ethene	497		ug/l	0.500	0.500	1	A
Ethane	188		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-03 D
Client ID: MW3S_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 15:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/15/23 01:56
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1200	350	500
1,1-Dichloroethane	ND		ug/l	1200	350	500
Chloroform	ND		ug/l	1200	350	500
Carbon tetrachloride	ND		ug/l	250	67.	500
1,2-Dichloropropane	ND		ug/l	500	68.	500
Dibromochloromethane	ND		ug/l	250	74.	500
1,1,2-Trichloroethane	ND		ug/l	750	250	500
Tetrachloroethene	63000		ug/l	250	90.	500
Chlorobenzene	ND		ug/l	1200	350	500
Trichlorofluoromethane	ND		ug/l	1200	350	500
1,2-Dichloroethane	ND		ug/l	250	66.	500
1,1,1-Trichloroethane	ND		ug/l	1200	350	500
Bromodichloromethane	ND		ug/l	250	96.	500
trans-1,3-Dichloropropene	ND		ug/l	250	82.	500
cis-1,3-Dichloropropene	ND		ug/l	250	72.	500
Bromoform	ND		ug/l	1000	320	500
1,1,2,2-Tetrachloroethane	ND		ug/l	250	84.	500
Benzene	ND		ug/l	250	80.	500
Toluene	ND		ug/l	1200	350	500
Ethylbenzene	ND		ug/l	1200	350	500
Chloromethane	ND		ug/l	1200	350	500
Bromomethane	ND		ug/l	1200	350	500
Vinyl chloride	2800		ug/l	500	36.	500
Chloroethane	ND		ug/l	1200	350	500
1,1-Dichloroethene	100	J	ug/l	250	84.	500
trans-1,2-Dichloroethene	ND		ug/l	1200	350	500
Trichloroethene	5000		ug/l	250	88.	500
1,2-Dichlorobenzene	ND		ug/l	1200	350	500

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-03 D Date Collected: 02/07/23 15:45

Client ID: MW3S_G Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1200	350	500
1,4-Dichlorobenzene	ND		ug/l	1200	350	500
Methyl tert butyl ether	ND		ug/l	1200	350	500
p/m-Xylene	ND		ug/l	1200	350	500
o-Xylene	ND		ug/l	1200	350	500
cis-1,2-Dichloroethene	57000		ug/l	1200	350	500
Styrene	ND		ug/l	1200	350	500
Dichlorodifluoromethane	ND		ug/l	2500	500	500
Acetone	ND		ug/l	2500	730	500
Carbon disulfide	ND		ug/l	2500	500	500
2-Butanone	ND		ug/l	2500	970	500
4-Methyl-2-pentanone	ND		ug/l	2500	500	500
2-Hexanone	ND		ug/l	2500	500	500
Bromochloromethane	ND		ug/l	1200	350	500
1,2-Dibromoethane	ND		ug/l	1000	320	500
1,2-Dibromo-3-chloropropane	ND		ug/l	1200	350	500
Isopropylbenzene	ND		ug/l	1200	350	500
1,2,3-Trichlorobenzene	ND		ug/l	1200	350	500
1,2,4-Trichlorobenzene	ND		ug/l	1200	350	500
Methyl Acetate	ND		ug/l	1000	120	500
Cyclohexane	ND		ug/l	5000	140	500
1,4-Dioxane	ND		ug/l	120000	30000	500
Freon-113	ND		ug/l	1200	350	500
Methyl cyclohexane	ND		ug/l	5000	200	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-04
Client ID: MW3I_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/08/23 10:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/13/23 11:56
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	128		ug/l	2.00	2.00	1	A
Ethene	44.1		ug/l	0.500	0.500	1	A
Ethane	15.4		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-04 D
Client ID: MW3I_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/08/23 10:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/15/23 02:16
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	14.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	13000		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	17.	100
Benzene	ND		ug/l	50	16.	100
Toluene	150	J	ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	120		ug/l	100	7.1	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	17.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100
Trichloroethene	690		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-04 D
Client ID: MW3I_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 10:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	4000		ug/l	250	70.	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	ND		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	ND		ug/l	500	190	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
Methyl Acetate	ND		ug/l	200	23.	100
Cyclohexane	ND		ug/l	1000	27.	100
1,4-Dioxane	ND		ug/l	25000	6100	100
Freon-113	ND		ug/l	250	70.	100
Methyl cyclohexane	ND		ug/l	1000	40.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	74		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	100		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-05
Client ID: MW4S_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 14:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/13/23 12:14
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	3910		ug/l	2.00	2.00	1	A
Ethene	1720		ug/l	0.500	0.500	1	A
Ethane	520		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-05 D
Client ID: MW4S_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 14:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/15/23 01:36
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1200	350	500
1,1-Dichloroethane	ND		ug/l	1200	350	500
Chloroform	ND		ug/l	1200	350	500
Carbon tetrachloride	ND		ug/l	250	67.	500
1,2-Dichloropropane	ND		ug/l	500	68.	500
Dibromochloromethane	ND		ug/l	250	74.	500
1,1,2-Trichloroethane	ND		ug/l	750	250	500
Tetrachloroethene	43000		ug/l	250	90.	500
Chlorobenzene	ND		ug/l	1200	350	500
Trichlorofluoromethane	ND		ug/l	1200	350	500
1,2-Dichloroethane	ND		ug/l	250	66.	500
1,1,1-Trichloroethane	ND		ug/l	1200	350	500
Bromodichloromethane	ND		ug/l	250	96.	500
trans-1,3-Dichloropropene	ND		ug/l	250	82.	500
cis-1,3-Dichloropropene	ND		ug/l	250	72.	500
Bromoform	ND		ug/l	1000	320	500
1,1,2,2-Tetrachloroethane	ND		ug/l	250	84.	500
Benzene	ND		ug/l	250	80.	500
Toluene	ND		ug/l	1200	350	500
Ethylbenzene	ND		ug/l	1200	350	500
Chloromethane	ND		ug/l	1200	350	500
Bromomethane	ND		ug/l	1200	350	500
Vinyl chloride	8500		ug/l	500	36.	500
Chloroethane	ND		ug/l	1200	350	500
1,1-Dichloroethene	100	J	ug/l	250	84.	500
trans-1,2-Dichloroethene	ND		ug/l	1200	350	500
Trichloroethene	7200		ug/l	250	88.	500
1,2-Dichlorobenzene	ND		ug/l	1200	350	500

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-05 D
Client ID: MW4S_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 14:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1200	350	500
1,4-Dichlorobenzene	ND		ug/l	1200	350	500
Methyl tert butyl ether	ND		ug/l	1200	350	500
p/m-Xylene	ND		ug/l	1200	350	500
o-Xylene	ND		ug/l	1200	350	500
cis-1,2-Dichloroethene	76000		ug/l	1200	350	500
Styrene	ND		ug/l	1200	350	500
Dichlorodifluoromethane	ND		ug/l	2500	500	500
Acetone	ND		ug/l	2500	730	500
Carbon disulfide	ND		ug/l	2500	500	500
2-Butanone	ND		ug/l	2500	970	500
4-Methyl-2-pentanone	ND		ug/l	2500	500	500
2-Hexanone	ND		ug/l	2500	500	500
Bromochloromethane	ND		ug/l	1200	350	500
1,2-Dibromoethane	ND		ug/l	1000	320	500
1,2-Dibromo-3-chloropropane	ND		ug/l	1200	350	500
Isopropylbenzene	ND		ug/l	1200	350	500
1,2,3-Trichlorobenzene	ND		ug/l	1200	350	500
1,2,4-Trichlorobenzene	ND		ug/l	1200	350	500
Methyl Acetate	ND		ug/l	1000	120	500
Cyclohexane	ND		ug/l	5000	140	500
1,4-Dioxane	ND		ug/l	120000	30000	500
Freon-113	ND		ug/l	1200	350	500
Methyl cyclohexane	ND		ug/l	5000	200	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	77		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-06
Client ID: MW4I_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 16:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 02/13/23 12:32
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	162		ug/l	2.00	2.00	1	A
Ethene	59.4		ug/l	0.500	0.500	1	A
Ethane	16.4		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-06 D
Client ID: MW4I_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 16:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/15/23 01:16
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	14.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	5800		ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	17.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	540		ug/l	100	7.1	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	17.	100
trans-1,2-Dichloroethene	ND		ug/l	250	70.	100
Trichloroethene	720		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-06 D
Client ID: MW4I_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 16:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	8500		ug/l	250	70.	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	ND		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	ND		ug/l	500	190	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
Methyl Acetate	ND		ug/l	200	23.	100
Cyclohexane	ND		ug/l	1000	27.	100
1,4-Dioxane	ND		ug/l	25000	6100	100
Freon-113	ND		ug/l	250	70.	100
Methyl cyclohexane	ND		ug/l	1000	40.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	97		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-07 D
Client ID: DUP01_020823
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 00:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/15/23 00:56
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1200	350	500
1,1-Dichloroethane	ND		ug/l	1200	350	500
Chloroform	ND		ug/l	1200	350	500
Carbon tetrachloride	ND		ug/l	250	67.	500
1,2-Dichloropropane	ND		ug/l	500	68.	500
Dibromochloromethane	ND		ug/l	250	74.	500
1,1,2-Trichloroethane	ND		ug/l	750	250	500
Tetrachloroethene	41000		ug/l	250	90.	500
Chlorobenzene	ND		ug/l	1200	350	500
Trichlorofluoromethane	ND		ug/l	1200	350	500
1,2-Dichloroethane	ND		ug/l	250	66.	500
1,1,1-Trichloroethane	ND		ug/l	1200	350	500
Bromodichloromethane	ND		ug/l	250	96.	500
trans-1,3-Dichloropropene	ND		ug/l	250	82.	500
cis-1,3-Dichloropropene	ND		ug/l	250	72.	500
Bromoform	ND		ug/l	1000	320	500
1,1,2,2-Tetrachloroethane	ND		ug/l	250	84.	500
Benzene	ND		ug/l	250	80.	500
Toluene	ND		ug/l	1200	350	500
Ethylbenzene	ND		ug/l	1200	350	500
Chloromethane	ND		ug/l	1200	350	500
Bromomethane	ND		ug/l	1200	350	500
Vinyl chloride	8100		ug/l	500	36.	500
Chloroethane	ND		ug/l	1200	350	500
1,1-Dichloroethene	94	J	ug/l	250	84.	500
trans-1,2-Dichloroethene	ND		ug/l	1200	350	500
Trichloroethene	6800		ug/l	250	88.	500
1,2-Dichlorobenzene	ND		ug/l	1200	350	500

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-07 D Date Collected: 02/08/23 00:00

Client ID: DUP01_020823 Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1200	350	500
1,4-Dichlorobenzene	ND		ug/l	1200	350	500
Methyl tert butyl ether	ND		ug/l	1200	350	500
p/m-Xylene	ND		ug/l	1200	350	500
o-Xylene	ND		ug/l	1200	350	500
cis-1,2-Dichloroethene	70000		ug/l	1200	350	500
Styrene	ND		ug/l	1200	350	500
Dichlorodifluoromethane	ND		ug/l	2500	500	500
Acetone	ND		ug/l	2500	730	500
Carbon disulfide	ND		ug/l	2500	500	500
2-Butanone	ND		ug/l	2500	970	500
4-Methyl-2-pentanone	ND		ug/l	2500	500	500
2-Hexanone	ND		ug/l	2500	500	500
Bromochloromethane	ND		ug/l	1200	350	500
1,2-Dibromoethane	ND		ug/l	1000	320	500
1,2-Dibromo-3-chloropropane	ND		ug/l	1200	350	500
Isopropylbenzene	ND		ug/l	1200	350	500
1,2,3-Trichlorobenzene	ND		ug/l	1200	350	500
1,2,4-Trichlorobenzene	ND		ug/l	1200	350	500
Methyl Acetate	ND		ug/l	1000	120	500
Cyclohexane	ND		ug/l	5000	140	500
1,4-Dioxane	ND		ug/l	120000	30000	500
Freon-113	ND		ug/l	1200	350	500
Methyl cyclohexane	ND		ug/l	5000	200	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	94		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-08
Client ID: TRIP BLANK
Sample Location: LIVERPOOL, NY
Date Collected: 02/09/23 15:40
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/14/23 23:35
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-08 Date Collected: 02/09/23 15:40

Client ID: TRIP BLANK Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09
Client ID: B402(0-5)
Sample Location: LIVERPOOL, NY
Date Collected: 02/06/23 11:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/16/23 17:02
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.82	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	1.1		ug/kg	0.41	0.14	1
Toluene	0.55	J	ug/kg	0.82	0.44	1
Ethylbenzene	21		ug/kg	0.82	0.11	1
Chloromethane	ND		ug/kg	3.3	0.76	1
Bromomethane	ND		ug/kg	1.6	0.47	1
Vinyl chloride	1.8		ug/kg	0.82	0.27	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09 Date Collected: 02/06/23 11:30

Client ID: B402(0-5) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	2.5		ug/kg	1.6	0.46	1
o-Xylene	1.3		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	4.4		ug/kg	0.82	0.14	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.75	1
Acetone	49		ug/kg	8.2	3.9	1
Carbon disulfide	ND		ug/kg	8.2	3.7	1
2-Butanone	ND		ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
2-Hexanone	ND		ug/kg	8.2	0.96	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.81	1
Isopropylbenzene	10		ug/kg	0.82	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.3	0.77	1
Cyclohexane	12		ug/kg	8.2	0.44	1
1,4-Dioxane	ND		ug/kg	65	29.	1
Freon-113	ND		ug/kg	3.3	0.56	1
Methyl cyclohexane	28		ug/kg	3.3	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11
Client ID: B402 (14-16)
Sample Location: LIVERPOOL, NY
Date Collected: 02/09/23 08:55
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/16/23 17:28
Analyst: JIC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	25		ug/kg	0.46	0.15	1
Toluene	2.1		ug/kg	0.93	0.50	1
Ethylbenzene	2.8		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11 Date Collected: 02/09/23 08:55

Client ID: B402 (14-16) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	2.1		ug/kg	1.8	0.52	1
o-Xylene	0.92	J	ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	97		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	2.8		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	30		ug/kg	9.3	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	11		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15
Client ID: B402 (33-35)
Sample Location: LIVERPOOL, NY
Date Collected: 02/09/23 10:18
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/16/23 17:54
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15 Date Collected: 02/09/23 10:18

Client ID: B402 (33-35) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18
Client ID: RINSE BLANK
Sample Location: LIVERPOOL, NY
Date Collected: 02/09/23 16:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/14/23 23:55
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18 Date Collected: 02/09/23 16:00

Client ID: RINSE BLANK Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 02/13/23 09:06
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-06 Batch: WG1743867-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/14/23 19:29
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-08,18 Batch: WG1744760-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/14/23 19:29
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-08,18 Batch: WG1744760-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/14/23 19:29
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-08,18 Batch: WG1744760-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/16/23 19:01
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1745593-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/16/23 19:01
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1745593-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/16/23 19:01
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1745593-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/16/23 11:22
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09,11,15 Batch: WG1745759-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/16/23 11:22
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09,11,15 Batch: WG1745759-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/16/23 11:22
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 09,11,15 Batch: WG1745759-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 Batch: WG1743867-2									
Methane	93		-		80-120	-		25	A
Ethene	88		-		80-120	-		25	A
Ethane	87		-		80-120	-		25	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08,18 Batch: WG1744760-3 WG1744760-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	98		94		70-130	4		20
Carbon tetrachloride	95		100		63-132	5		20
1,2-Dichloropropane	97		96		70-130	1		20
Dibromochloromethane	86		86		63-130	0		20
1,1,2-Trichloroethane	89		91		70-130	2		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	99		99		75-130	0		20
Trichlorofluoromethane	82		86		62-150	5		20
1,2-Dichloroethane	87		90		70-130	3		20
1,1,1-Trichloroethane	93		96		67-130	3		20
Bromodichloromethane	92		92		67-130	0		20
trans-1,3-Dichloropropene	76		75		70-130	1		20
cis-1,3-Dichloropropene	91		88		70-130	3		20
Bromoform	86		86		54-136	0		20
1,1,2,2-Tetrachloroethane	86		91		67-130	6		20
Benzene	96		100		70-130	4		20
Toluene	97		98		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		110		64-130	10		20
Bromomethane	63		60		39-139	5		20
Vinyl chloride	100		97		55-140	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08,18 Batch: WG1744760-3 WG1744760-4								
Chloroethane	78		76		55-138	3		20
1,1-Dichloroethene	84		86		61-145	2		20
trans-1,2-Dichloroethene	97		110		70-130	13		20
Trichloroethene	93		93		70-130	0		20
1,2-Dichlorobenzene	98		98		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		96		70-130	4		20
Methyl tert butyl ether	87		92		63-130	6		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	78		79		36-147	1		20
Acetone	120		120		58-148	0		20
Carbon disulfide	**150**	Q	**140**	Q	51-130	7		20
2-Butanone	76		85		63-138	11		20
4-Methyl-2-pentanone	90		100		59-130	11		20
2-Hexanone	100		110		57-130	10		20
Bromochloromethane	98		100		70-130	2		20
1,2-Dibromoethane	90		92		70-130	2		20
1,2-Dibromo-3-chloropropane	84		87		41-144	4		20
Isopropylbenzene	100		99		70-130	1		20
1,2,3-Trichlorobenzene	97		99		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08,18 Batch: WG1744760-3 WG1744760-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	99		97		70-130	2		20
Cyclohexane	110		120		70-130	9		20
1,4-Dioxane	104		108		56-162	4		20
Freon-113	93		94		70-130	1		20
Methyl cyclohexane	97		92		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	79		80		70-130
Toluene-d8	95		92		70-130
4-Bromofluorobenzene	100		97		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1745593-3 WG1745593-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	92		96		63-130	4		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	96		100		67-130	4		20
trans-1,3-Dichloropropene	97		99		70-130	2		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
Bromoform	84		88		54-136	5		20
1,1,2,2-Tetrachloroethane	96		100		67-130	4		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	95		99		64-130	4		20
Bromomethane	95		110		39-139	15		20
Vinyl chloride	110		120		55-140	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1745593-3 WG1745593-4								
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	92		97		58-148	5		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	110		120		63-138	9		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	100		110		57-130	10		20
Bromochloromethane	100		110		70-130	10		20
1,2-Dibromoethane	98		100		70-130	2		20
1,2-Dibromo-3-chloropropane	88		93		41-144	6		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	97		100		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1745593-3 WG1745593-4								
1,2,4-Trichlorobenzene	97		100		70-130	3		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	110		120		70-130	9		20
1,4-Dioxane	114		118		56-162	3		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		114		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09,11,15 Batch: WG1745759-3 WG1745759-4								
Methylene chloride	82		82		70-130	0		30
1,1-Dichloroethane	91		92		70-130	1		30
Chloroform	85		87		70-130	2		30
Carbon tetrachloride	99		102		70-130	3		30
1,2-Dichloropropane	86		88		70-130	2		30
Dibromochloromethane	90		93		70-130	3		30
1,1,2-Trichloroethane	76		78		70-130	3		30
Tetrachloroethene	94		96		70-130	2		30
Chlorobenzene	84		86		70-130	2		30
Trichlorofluoromethane	112		112		70-139	0		30
1,2-Dichloroethane	99		100		70-130	1		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	86		88		70-130	2		30
trans-1,3-Dichloropropene	85		87		70-130	2		30
cis-1,3-Dichloropropene	82		83		70-130	1		30
Bromoform	89		91		70-130	2		30
1,1,2,2-Tetrachloroethane	75		74		70-130	1		30
Benzene	82		82		70-130	0		30
Toluene	82		84		70-130	2		30
Ethylbenzene	83		85		70-130	2		30
Chloromethane	104		101		52-130	3		30
Bromomethane	85		82		57-147	4		30
Vinyl chloride	84		83		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09,11,15 Batch: WG1745759-3 WG1745759-4								
Chloroethane	75		75		50-151	0		30
1,1-Dichloroethene	91		90		65-135	1		30
trans-1,2-Dichloroethene	85		86		70-130	1		30
Trichloroethene	84		89		70-130	6		30
1,2-Dichlorobenzene	85		86		70-130	1		30
1,3-Dichlorobenzene	85		86		70-130	1		30
1,4-Dichlorobenzene	84		85		70-130	1		30
Methyl tert butyl ether	92		93		66-130	1		30
p/m-Xylene	84		87		70-130	4		30
o-Xylene	88		89		70-130	1		30
cis-1,2-Dichloroethene	84		84		70-130	0		30
Styrene	86		87		70-130	1		30
Dichlorodifluoromethane	116		114		30-146	2		30
Acetone	122		126		54-140	3		30
Carbon disulfide	**142**	Q	**141**	Q	59-130	1		30
2-Butanone	98		106		70-130	8		30
4-Methyl-2-pentanone	85		87		70-130	2		30
2-Hexanone	91		96		70-130	5		30
Bromochloromethane	89		90		70-130	1		30
1,2-Dibromoethane	84		87		70-130	4		30
1,2-Dibromo-3-chloropropane	84		87		68-130	4		30
Isopropylbenzene	82		83		70-130	1		30
1,2,3-Trichlorobenzene	89		90		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 09,11,15 Batch: WG1745759-3 WG1745759-4								
1,2,4-Trichlorobenzene	87		90		70-130	3		30
Methyl Acetate	112		112		51-146	0		30
Cyclohexane	104		105		59-142	1		30
1,4-Dioxane	93		95		65-136	2		30
Freon-113	96		96		50-139	0		30
Methyl cyclohexane	84		84		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		110		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	100		100		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08,18 QC Batch ID: WG1744760-6 WG1744760-7 QC Sample: L2307270-04 Client ID: MW3I_G												
Methylene chloride	ND	1000	1200	120		1200	120		70-130	0		20
1,1-Dichloroethane	ND	1000	1300	130		1200	120		70-130	8		20
Chloroform	ND	1000	1100	110		1100	110		70-130	0		20
Carbon tetrachloride	ND	1000	1100	110		1100	110		63-132	0		20
1,2-Dichloropropane	ND	1000	1100	110		1100	110		70-130	0		20
Dibromochloromethane	ND	1000	910	91		940	94		63-130	3		20
1,1,2-Trichloroethane	ND	1000	950	95		950	95		70-130	0		20
Tetrachloroethene	13000	1000	14000	100		14000	100		70-130	0		20
Chlorobenzene	ND	1000	1100	110		1100	110		75-130	0		20
Trichlorofluoromethane	ND	1000	1100	110		1000	100		62-150	10		20
1,2-Dichloroethane	ND	1000	980	98		1000	100		70-130	2		20
1,1,1-Trichloroethane	ND	1000	1200	120		1100	110		67-130	9		20
Bromodichloromethane	ND	1000	980	98		1000	100		67-130	2		20
trans-1,3-Dichloropropene	ND	1000	800	80		800	80		70-130	0		20
cis-1,3-Dichloropropene	ND	1000	950	95		980	98		70-130	3		20
Bromoform	ND	1000	910	91		910	91		54-136	0		20
1,1,2,2-Tetrachloroethane	ND	1000	920	92		930	93		67-130	1		20
Benzene	ND	1000	1200	120		1200	120		70-130	0		20
Toluene	150J	1000	1200	120		1200	120		70-130	0		20
Ethylbenzene	ND	1000	1100	110		1100	110		70-130	0		20
Chloromethane	ND	1000	1200	120		1200	120		64-130	0		20
Bromomethane	ND	1000	610	61		670	67		39-139	9		20
Vinyl chloride	120	1000	1300	118		1400	128		55-140	7		20

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08,18 QC Batch ID: WG1744760-6 WG1744760-7 QC Sample: L2307270-04 Client ID: MW3I_G												
Chloroethane	ND	1000	880	88		850	85		55-138	3		20
1,1-Dichloroethene	ND	1000	1100	110		1100	110		61-145	0		20
trans-1,2-Dichloroethene	ND	1000	1100	110		1100	110		70-130	0		20
Trichloroethene	690	1000	1800	111		1800	111		70-130	0		20
1,2-Dichlorobenzene	ND	1000	1000	100		1100	110		70-130	10		20
1,3-Dichlorobenzene	ND	1000	1100	110		1100	110		70-130	0		20
1,4-Dichlorobenzene	ND	1000	1100	110		1000	100		70-130	10		20
Methyl tert butyl ether	ND	1000	960	96		990	99		63-130	3		20
p/m-Xylene	ND	2000	2300	115		2200	110		70-130	4		20
o-Xylene	ND	2000	2300	115		2300	115		70-130	0		20
cis-1,2-Dichloroethene	4000	1000	5300	130		5400	**140**	Q	70-130	2		20
Styrene	ND	2000	2300	115		2300	115		70-130	0		20
Dichlorodifluoromethane	ND	1000	900	90		900	90		36-147	0		20
Acetone	ND	1000	1000	100		1000	100		58-148	0		20
Carbon disulfide	ND	1000	1700	**170**	Q	1800	**180**	Q	51-130	6		20
2-Butanone	ND	1000	920	92		700	70		63-138	**27**	Q	20
4-Methyl-2-pentanone	ND	1000	1000	100		940	94		59-130	6		20
2-Hexanone	ND	1000	960	96		980	98		57-130	2		20
Bromochloromethane	ND	1000	1100	110		1200	120		70-130	9		20
1,2-Dibromoethane	ND	1000	960	96		970	97		70-130	1		20
1,2-Dibromo-3-chloropropane	ND	1000	890	89		920	92		41-144	3		20
Isopropylbenzene	ND	1000	1100	110		1000	100		70-130	10		20
1,2,3-Trichlorobenzene	ND	1000	1000	100		1000	100		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08,18 QC Batch ID: WG1744760-6 WG1744760-7 QC Sample: L2307270-04 Client ID: MW3I_G												
1,2,4-Trichlorobenzene	ND	1000	1000	100		1000	100		70-130	0		20
Methyl Acetate	ND	1000	1000	100		1200	120		70-130	18		20
Cyclohexane	ND	1000	1300	130		1300	130		70-130	0		20
1,4-Dioxane	ND	50000	52000	104		53000	106		56-162	2		20
Freon-113	ND	1000	1100	110		960	96		70-130	14		20
Methyl cyclohexane	ND	1000	1000	100		1100	110		70-130	10		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	109		108		70-130
Toluene-d8	91		95		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,11,15 QC Batch ID: WG1745759-6 WG1745759-7 QC Sample: L2307270-15 Client ID: B402 (33-35)												
Methylene chloride	ND	98.2	66	**67**	Q	80	82		70-130	20		30
1,1-Dichloroethane	ND	98.2	73	75		90	92		70-130	21		30
Chloroform	ND	98.2	68	70		83	84		70-130	19		30
Carbon tetrachloride	ND	98.2	83	85		100	106		70-130	22		30
1,2-Dichloropropane	ND	98.2	65	**66**	Q	76	78		70-130	16		30
Dibromochloromethane	ND	98.2	64	**65**	Q	72	74		70-130	12		30
1,1,2-Trichloroethane	ND	98.2	53	**54**	Q	61	**62**	Q	70-130	14		30
Tetrachloroethene	ND	98.2	65	**66**	Q	77	79		70-130	17		30
Chlorobenzene	ND	98.2	53	**54**	Q	56	**58**	Q	70-130	6		30
Trichlorofluoromethane	ND	98.2	95	96		120	127		70-139	27		30
1,2-Dichloroethane	ND	98.2	68	**69**	Q	79	81		70-130	15		30
1,1,1-Trichloroethane	ND	98.2	83	85		100	106		70-130	22		30
Bromodichloromethane	ND	98.2	65	**66**	Q	75	77		70-130	15		30
trans-1,3-Dichloropropene	ND	98.2	48	**49**	Q	50	**51**	Q	70-130	4		30
cis-1,3-Dichloropropene	ND	98.2	52	**53**	Q	57	**59**	Q	70-130	9		30
Bromoform	ND	98.2	60	**61**	Q	70	72		70-130	15		30
1,1,2,2-Tetrachloroethane	ND	98.2	48	**49**	Q	56	**57**	Q	70-130	14		30
Benzene	ND	98.2	64	**65**	Q	78	80		70-130	19		30
Toluene	ND	98.2	58	**59**	Q	68	70		70-130	15		30
Ethylbenzene	ND	98.2	53	**54**	Q	58	**59**	Q	70-130	10		30
Chloromethane	ND	98.2	77	78		100	104		52-130	28		30
Bromomethane	ND	98.2	78	80		98	100		57-147	22		30
Vinyl chloride	ND	98.2	73	74		95	97		67-130	25		30

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,11,15 QC Batch ID: WG1745759-6 WG1745759-7 QC Sample: L2307270-15 Client ID: B402 (33-35)												
Chloroethane	ND	98.2	69	70		88	90		50-151	24		30
1,1-Dichloroethene	ND	98.2	75	76		95	97		65-135	24		30
trans-1,2-Dichloroethene	ND	98.2	64	**65**	Q	79	80		70-130	21		30
Trichloroethene	ND	98.2	60	**61**	Q	71	73		70-130	17		30
1,2-Dichlorobenzene	ND	98.2	41	**42**	Q	41	**41**	Q	70-130	1		30
1,3-Dichlorobenzene	ND	98.2	38	**39**	Q	37	**38**	Q	70-130	3		30
1,4-Dichlorobenzene	ND	98.2	36	**36**	Q	34	**34**	Q	70-130	6		30
Methyl tert butyl ether	ND	98.2	77	78		93	95		66-130	19		30
p/m-Xylene	ND	196	100	**53**	Q	110	**58**	Q	70-130	8		30
o-Xylene	ND	196	120	**58**	Q	120	**63**	Q	70-130	8		30
cis-1,2-Dichloroethene	ND	98.2	64	**65**	Q	77	79		70-130	19		30
Styrene	ND	196	95	**48**	Q	95	**48**	Q	70-130	0		30
Dichlorodifluoromethane	ND	98.2	95	97		130	131		30-146	29		30
Acetone	ND	98.2	84	85		99	101		54-140	17		30
Carbon disulfide	ND	98.2	110	109		130	**137**	Q	59-130	22		30
2-Butanone	ND	98.2	69	70		83	85		70-130	19		30
4-Methyl-2-pentanone	ND	98.2	57	**58**	Q	68	**69**	Q	70-130	17		30
2-Hexanone	ND	98.2	51	**52**	Q	57	**58**	Q	70-130	10		30
Bromochloromethane	ND	98.2	70	71		82	84		70-130	16		30
1,2-Dibromoethane	ND	98.2	50	**51**	Q	53	**54**	Q	70-130	5		30
1,2-Dibromo-3-chloropropane	ND	98.2	46	**47**	Q	51	**52**	Q	68-130	9		30
Isopropylbenzene	ND	98.2	53	**54**	Q	61	**62**	Q	70-130	15		30
1,2,3-Trichlorobenzene	ND	98.2	25	**25**	Q	19	**20**	Q	70-130	25		30

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09,11,15 QC Batch ID: WG1745759-6 WG1745759-7 QC Sample: L2307270-15 Client ID: B402 (33-35)												
1,2,4-Trichlorobenzene	ND	98.2	22	**22**	Q	17	**18**	Q	70-130	24		30
Methyl Acetate	ND	98.2	71	72		96	99		51-146	30		30
Cyclohexane	ND	98.2	77	78		99	101		59-142	25		30
1,4-Dioxane	ND	4910	3500	70		4600	94		65-136	28		30
Freon-113	ND	98.2	79	81		100	106		50-139	27		30
Methyl cyclohexane	ND	98.2	58	**59**	Q	75	76		70-130	25		30

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1,2-Dichloroethane-d4	105		107		70-130
4-Bromofluorobenzene	99		104		70-130
Dibromofluoromethane	101		100		70-130
Toluene-d8	101		101		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1743867-4 QC Sample: L2307270-04 Client ID: MW3I_G							
Methane	128	144	ug/l	12		25	A
Ethene	44.1	51.6	ug/l	16		25	A
Ethane	15.4	18.5	ug/l	18		25	A

SEMIVOLATILES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09
Client ID: B402(0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 02/06/23 11:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/23/23 16:41
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 02:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	50	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	43	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	29	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09 Date Collected: 02/06/23 11:30

Client ID: B402(0-5) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	41	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	29	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	23	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	30	J	ug/kg	160	28.	1
Pyrene	44	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	80	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09 Date Collected: 02/06/23 11:30

Client ID: B402(0-5) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	74		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09
Client ID: B402(0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 02/06/23 11:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/09/23 09:48
Analyst: AHC
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 03/08/23 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.766	0.048	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.383	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.191	0.041	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.766	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.191	0.044	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.191	0.022	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.191	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.191	0.057	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.191	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.766	0.268	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.191	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.191	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	0.176	JF	ng/g	0.191	0.076	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.191	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.766	0.370	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.191	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.191	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.191	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.191	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.191	0.041	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.191	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.191	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.191	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.191	0.102	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.766	0.094	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.766	0.140	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.191	0.037	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09 Date Collected: 02/06/23 11:30

Client ID: B402(0-5) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.766	0.188	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.766	0.160	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.191	0.096	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.191	0.107	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.91	0.240	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.91	0.488	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.383	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.383	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.383	0.080	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.383	0.091	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.957	0.138	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.78	0.483	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.78	1.68	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09 Date Collected: 02/06/23 11:30

Client ID: B402(0-5) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	59		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	74		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	56		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	56		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	49		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	70		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	26		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	26		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	43		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	43		20-150

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11
Client ID: B402 (14-16)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 08:55
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/23/23 15:07
Analyst: IM
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 20:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11 Date Collected: 02/09/23 08:55

Client ID: B402 (14-16) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	89.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	71.	1
2-Nitrophenol	ND		ug/kg	460	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	ND		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	75.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11 Date Collected: 02/09/23 08:55

Client ID: B402 (14-16) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	56		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11
Client ID: B402 (14-16)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 08:55
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/09/23 10:00
Analyst: AHC
Percent Solids: 77%

Extraction Method: EPA 1633
Extraction Date: 03/08/23 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.769	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.385	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.192	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.769	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.192	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.192	0.022	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.192	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.192	0.057	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.192	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.769	0.269	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.192	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.192	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.192	0.076	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.192	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.769	0.372	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.192	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.192	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.192	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.192	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.192	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.192	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.192	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.192	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.192	0.102	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.769	0.095	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.769	0.141	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.192	0.037	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11 Date Collected: 02/09/23 08:55

Client ID: B402 (14-16) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.769	0.188	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.769	0.161	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.192	0.096	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.192	0.108	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.92	0.241	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.92	0.491	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.385	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.385	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.385	0.080	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.385	0.092	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.962	0.138	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.81	0.486	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.81	1.69	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11 Date Collected: 02/09/23 08:55

Client ID: B402 (14-16) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	72		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	66		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	58		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	55		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	58		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	22		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	20		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	47		20-150

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15
Client ID: B402 (33-35)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 10:18
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/23/23 15:31
Analyst: IM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 20:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15 Date Collected: 02/09/23 10:18

Client ID: B402 (33-35) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	54.	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15 Date Collected: 02/09/23 10:18

Client ID: B402 (33-35) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	53		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15
Client ID: B402 (33-35)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 10:18
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/09/23 08:57
Analyst: AHC
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 03/08/23 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/08/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.714	0.045	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.357	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.178	0.039	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.714	0.072	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.178	0.041	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.178	0.021	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.178	0.021	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.178	0.053	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.178	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.714	0.250	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.178	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.178	0.070	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.178	0.071	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.178	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.714	0.346	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.178	0.038	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.178	0.089	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.178	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.178	0.029	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.178	0.039	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.178	0.074	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.178	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.178	0.047	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.178	0.095	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.714	0.088	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.714	0.131	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.178	0.034	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15 Date Collected: 02/09/23 10:18

Client ID: B402 (33-35) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.714	0.175	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.714	0.149	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.178	0.089	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.178	0.100	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.78	0.224	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.78	0.456	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.357	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.357	0.028	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.357	0.074	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.357	0.085	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.893	0.128	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.46	0.451	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.46	1.57	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15 Date Collected: 02/09/23 10:18

Client ID: B402 (33-35) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	71		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	75		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	62		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	57		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	38		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	32		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	31		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	48		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	47		20-150

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18
Client ID: RINSE BLANK
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 16:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 02/14/23 06:16
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 02/13/23 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18 Date Collected: 02/09/23 16:00

Client ID: RINSE BLANK Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	61		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18
Client ID: RINSE BLANK
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 16:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 03/07/23 19:36
Analyst: PNB

Extraction Method: EPA 1633
Extraction Date: 03/06/23 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.37	1.02	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.18	0.852	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.59	0.533	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.37	1.66	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.59	0.470	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.59	0.279	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.59	0.318	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.59	0.382	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.59	0.693	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.37	2.15	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.59	0.430	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.59	0.502	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.59	0.724	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.59	0.645	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.37	2.48	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.59	0.494	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.59	0.868	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.59	0.693	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.59	0.366	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.59	0.430	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.59	0.860	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.59	0.732	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.59	0.597	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.59	0.422	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.37	0.892	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.37	1.00	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.59	0.605	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18 Date Collected: 02/09/23 16:00

Client ID: RINSE BLANK Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.37	1.31	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.37	1.31	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.59	0.693	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.59	0.732	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.9	3.74	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.9	1.95	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.18	0.454	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.18	0.422	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.18	0.350	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.18	1.88	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.96	2.63	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.8	9.32	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.8	6.28	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18 Date Collected: 02/09/23 16:00

Client ID: RINSE BLANK Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	58		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		20-150

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/14/23 01:34
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 02/13/23 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1743771-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/14/23 01:34
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 02/13/23 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG1743771-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	41		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/21/23 16:09
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/20/23 02:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1746282-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/21/23 16:09
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/20/23 02:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1746282-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/21/23 16:09
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 02/20/23 02:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1746282-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	58		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/23/23 12:02
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/20/23 20:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11,15 Batch: WG1746654-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/23/23 12:02
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/20/23 20:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11,15 Batch: WG1746654-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/23/23 12:02
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 02/20/23 20:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11,15 Batch: WG1746654-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	62		18-120

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/07/23 18:07
Analyst: PNB

Extraction Method: EPA 1633
Extraction Date: 03/06/23 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18 Batch: WG1751446-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/07/23 18:07
Analyst: PNB

Extraction Method: EPA 1633
Extraction Date: 03/06/23 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18 Batch: WG1751446-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/07/23 18:07
Analyst: PNB

Extraction Method: EPA 1633
Extraction Date: 03/06/23 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18 Batch: WG1751446-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	94		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	82		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	49		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	61		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	55		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	45		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	43		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	55		20-150

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/09/23 07:53
Analyst: AHC

Extraction Method: EPA 1633
Extraction Date: 03/08/23 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/08/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09,11,15 Batch: WG1751676-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/09/23 07:53
Analyst: AHC

Extraction Method: EPA 1633
Extraction Date: 03/08/23 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/08/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09,11,15 Batch: WG1751676-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/09/23 07:53
Analyst: AHC

Extraction Method: EPA 1633
Extraction Date: 03/08/23 10:15
Cleanup Method: EPA 1633
Cleanup Date: 03/08/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 09,11,15 Batch: WG1751676-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	72		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	64		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	60		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	64		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	38		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	33		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	52		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	50		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1743771-2 WG1743771-3								
Bis(2-chloroethyl)ether	61		59		40-140	3		30
3,3'-Dichlorobenzidine	52		56		40-140	7		30
2,4-Dinitrotoluene	87		85		48-143	2		30
2,6-Dinitrotoluene	80		81		40-140	1		30
4-Chlorophenyl phenyl ether	63		62		40-140	2		30
4-Bromophenyl phenyl ether	64		60		40-140	6		30
Bis(2-chloroisopropyl)ether	57		56		40-140	2		30
Bis(2-chloroethoxy)methane	64		64		40-140	0		30
Hexachlorocyclopentadiene	60		60		40-140	0		30
Isophorone	59		58		40-140	2		30
Nitrobenzene	68		64		40-140	6		30
NDPA/DPA	68		66		40-140	3		30
n-Nitrosodi-n-propylamine	58		59		29-132	2		30
Bis(2-ethylhexyl)phthalate	76		75		40-140	1		30
Butyl benzyl phthalate	71		69		40-140	3		30
Di-n-butylphthalate	61		61		40-140	0		30
Di-n-octylphthalate	74		73		40-140	1		30
Diethyl phthalate	65		63		40-140	3		30
Dimethyl phthalate	66		69		40-140	4		30
Biphenyl	64		64		40-140	0		30
4-Chloroaniline	58		47		40-140	21		30
2-Nitroaniline	89		90		52-143	1		30
3-Nitroaniline	78		77		25-145	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1743771-2 WG1743771-3								
4-Nitroaniline	89		93		51-143	4		30
Dibenzofuran	68		63		40-140	8		30
1,2,4,5-Tetrachlorobenzene	58		58		2-134	0		30
Acetophenone	62		63		39-129	2		30
2,4,6-Trichlorophenol	63		64		30-130	2		30
p-Chloro-m-cresol	62		63		23-97	2		30
2-Chlorophenol	67		62		27-123	8		30
2,4-Dichlorophenol	67		67		30-130	0		30
2,4-Dimethylphenol	61		57		30-130	7		30
2-Nitrophenol	87		82		30-130	6		30
4-Nitrophenol	65		64		10-80	2		30
2,4-Dinitrophenol	47		47		20-130	0		30
4,6-Dinitro-o-cresol	94		91		20-164	3		30
Phenol	51		48		12-110	6		30
2-Methylphenol	66		63		30-130	5		30
3-Methylphenol/4-Methylphenol	67		65		30-130	3		30
2,4,5-Trichlorophenol	64		65		30-130	2		30
Carbazole	66		64		55-144	3		30
Atrazine	69		67		40-140	3		30
Benzaldehyde	61		60		40-140	2		30
Caprolactam	32		37		10-130	14		30
2,3,4,6-Tetrachlorophenol	62		55		40-140	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG1743771-2 WG1743771-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		55		21-120
Phenol-d6	53		47		10-120
Nitrobenzene-d5	70		69		23-120
2-Fluorobiphenyl	63		62		15-120
2,4,6-Tribromophenol	63		57		10-120
4-Terphenyl-d14	65		59		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1746282-2 WG1746282-3								
Acenaphthene	70		67		31-137	4		50
Hexachlorobenzene	69		64		40-140	8		50
Bis(2-chloroethyl)ether	56		54		40-140	4		50
2-Chloronaphthalene	71		66		40-140	7		50
3,3'-Dichlorobenzidine	60		60		40-140	0		50
2,4-Dinitrotoluene	68		62		40-132	9		50
2,6-Dinitrotoluene	66		61		40-140	8		50
Fluoranthene	76		72		40-140	5		50
4-Chlorophenyl phenyl ether	70		68		40-140	3		50
4-Bromophenyl phenyl ether	74		70		40-140	6		50
Bis(2-chloroisopropyl)ether	46		45		40-140	2		50
Bis(2-chloroethoxy)methane	58		55		40-117	5		50
Hexachlorobutadiene	62		62		40-140	0		50
Hexachlorocyclopentadiene	**28**	Q	**26**	Q	40-140	7		50
Hexachloroethane	50		48		40-140	4		50
Isophorone	57		56		40-140	2		50
Naphthalene	69		65		40-140	6		50
Nitrobenzene	58		57		40-140	2		50
NDPA/DPA	76		72		36-157	5		50
n-Nitrosodi-n-propylamine	55		54		32-121	2		50
Bis(2-ethylhexyl)phthalate	71		66		40-140	7		50
Butyl benzyl phthalate	71		67		40-140	6		50
Di-n-butylphthalate	70		66		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1746282-2 WG1746282-3								
Di-n-octylphthalate	74		69		40-140	7		50
Diethyl phthalate	66		64		40-140	3		50
Dimethyl phthalate	67		63		40-140	6		50
Benzo(a)anthracene	73		68		40-140	7		50
Benzo(a)pyrene	79		73		40-140	8		50
Benzo(b)fluoranthene	75		70		40-140	7		50
Benzo(k)fluoranthene	76		70		40-140	8		50
Chrysene	71		65		40-140	9		50
Acenaphthylene	76		71		40-140	7		50
Anthracene	74		70		40-140	6		50
Benzo(ghi)perylene	71		67		40-140	6		50
Fluorene	74		72		40-140	3		50
Phenanthrene	73		70		40-140	4		50
Dibenzo(a,h)anthracene	72		69		40-140	4		50
Indeno(1,2,3-cd)pyrene	82		79		40-140	4		50
Pyrene	74		70		35-142	6		50
Biphenyl	74		70		37-127	6		50
4-Chloroaniline	53		53		40-140	0		50
2-Nitroaniline	77		73		47-134	5		50
3-Nitroaniline	75		73		26-129	3		50
4-Nitroaniline	81		78		41-125	4		50
Dibenzofuran	72		69		40-140	4		50
2-Methylnaphthalene	70		66		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1746282-2 WG1746282-3								
1,2,4,5-Tetrachlorobenzene	70		67		40-117	4		50
Acetophenone	69		67		14-144	3		50
2,4,6-Trichlorophenol	74		68		30-130	8		50
p-Chloro-m-cresol	66		62		26-103	6		50
2-Chlorophenol	69		68		25-102	1		50
2,4-Dichlorophenol	71		68		30-130	4		50
2,4-Dimethylphenol	61		58		30-130	5		50
2-Nitrophenol	60		58		30-130	3		50
4-Nitrophenol	68		65		11-114	5		50
2,4-Dinitrophenol	15		13		4-130	14		50
4,6-Dinitro-o-cresol	16		13		10-130	21		50
Pentachlorophenol	70		66		17-109	6		50
Phenol	67		65		26-90	3		50
2-Methylphenol	69		66		30-130.	4		50
3-Methylphenol/4-Methylphenol	68		67		30-130	1		50
2,4,5-Trichlorophenol	78		70		30-130	11		50
Carbazole	75		70		54-128	7		50
Atrazine	65		60		40-140	8		50
Benzaldehyde	63		60		40-140	5		50
Caprolactam	59		56		15-130	5		50
2,3,4,6-Tetrachlorophenol	74		71		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1746282-2 WG1746282-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		64		25-120
Phenol-d6	65		64		10-120
Nitrobenzene-d5	58		56		23-120
2-Fluorobiphenyl	69		66		30-120
2,4,6-Tribromophenol	67		64		10-136
4-Terphenyl-d14	68		64		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,15 Batch: WG1746654-2 WG1746654-3								
Acenaphthene	58		54		31-137	7		50
Hexachlorobenzene	63		60		40-140	5		50
Bis(2-chloroethyl)ether	54		51		40-140	6		50
2-Chloronaphthalene	66		59		40-140	11		50
3,3'-Dichlorobenzidine	43		49		40-140	13		50
2,4-Dinitrotoluene	63		60		40-132	5		50
2,6-Dinitrotoluene	66		61		40-140	8		50
Fluoranthene	63		59		40-140	7		50
4-Chlorophenyl phenyl ether	63		60		40-140	5		50
4-Bromophenyl phenyl ether	66		61		40-140	8		50
Bis(2-chloroisopropyl)ether	**30**	Q	**29**	Q	40-140	3		50
Bis(2-chloroethoxy)methane	55		51		40-117	8		50
Hexachlorobutadiene	62		58		40-140	7		50
Hexachlorocyclopentadiene	63		57		40-140	10		50
Hexachloroethane	46		44		40-140	4		50
Isophorone	54		52		40-140	4		50
Naphthalene	62		56		40-140	10		50
Nitrobenzene	54		52		40-140	4		50
NDPA/DPA	64		60		36-157	6		50
n-Nitrosodi-n-propylamine	52		50		32-121	4		50
Bis(2-ethylhexyl)phthalate	53		50		40-140	6		50
Butyl benzyl phthalate	56		52		40-140	7		50
Di-n-butylphthalate	55		51		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,15 Batch: WG1746654-2 WG1746654-3								
Di-n-octylphthalate	57		53		40-140	7		50
Diethyl phthalate	55		52		40-140	6		50
Dimethyl phthalate	62		57		40-140	8		50
Benzo(a)anthracene	60		56		40-140	7		50
Benzo(a)pyrene	68		62		40-140	9		50
Benzo(b)fluoranthene	64		60		40-140	6		50
Benzo(k)fluoranthene	64		59		40-140	8		50
Chrysene	59		55		40-140	7		50
Acenaphthylene	69		63		40-140	9		50
Anthracene	61		55		40-140	10		50
Benzo(ghi)perylene	59		55		40-140	7		50
Fluorene	63		59		40-140	7		50
Phenanthrene	58		54		40-140	7		50
Dibenzo(a,h)anthracene	61		58		40-140	5		50
Indeno(1,2,3-cd)pyrene	68		64		40-140	6		50
Pyrene	62		58		35-142	7		50
Biphenyl	67		62		37-127	8		50
4-Chloroaniline	40		42		40-140	5		50
2-Nitroaniline	67		62		47-134	8		50
3-Nitroaniline	45		50		26-129	11		50
4-Nitroaniline	59		58		41-125	2		50
Dibenzofuran	63		58		40-140	8		50
2-Methylnaphthalene	64		57		40-140	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,15 Batch: WG1746654-2 WG1746654-3								
1,2,4,5-Tetrachlorobenzene	72		66		40-117	9		50
Acetophenone	63		58		14-144	8		50
2,4,6-Trichlorophenol	71		66		30-130	7		50
p-Chloro-m-cresol	60		57		26-103	5		50
2-Chlorophenol	61		57		25-102	7		50
2,4-Dichlorophenol	65		61		30-130	6		50
2,4-Dimethylphenol	54		50		30-130	8		50
2-Nitrophenol	62		57		30-130	8		50
4-Nitrophenol	54		49		11-114	10		50
2,4-Dinitrophenol	59		58		4-130	2		50
4,6-Dinitro-o-cresol	66		64		10-130	3		50
Pentachlorophenol	63		60		17-109	5		50
Phenol	62		59		26-90	5		50
2-Methylphenol	63		60		30-130.	5		50
3-Methylphenol/4-Methylphenol	64		59		30-130	8		50
2,4,5-Trichlorophenol	76		68		30-130	11		50
Carbazole	61		56		54-128	9		50
Atrazine	61		60		40-140	2		50
Benzaldehyde	57		54		40-140	5		50
Caprolactam	40		39		15-130	3		50
2,3,4,6-Tetrachlorophenol	63		60		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,15 Batch: WG1746654-2 WG1746654-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		57		25-120
Phenol-d6	66		60		10-120
Nitrobenzene-d5	58		52		23-120
2-Fluorobiphenyl	70		63		30-120
2,4,6-Tribromophenol	67		61		10-136
4-Terphenyl-d14	64		57		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1751446-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	106		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	113		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	90		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	97		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	98		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	90		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	105		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	95		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1751446-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	98		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	102		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	104		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	95		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	109		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	100		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	72		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	68		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	97		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	97		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	108		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	93		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	131		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	103		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	75		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	53		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1751446-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	87				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	92				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1751446-3								
Perfluorobutanoic Acid (PFBA)	118		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	117		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	115		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	122		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	124		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	112		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	125		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	116		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	122		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	129		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	114		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	119		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	121		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	136		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	120		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	118		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	121		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	122		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	133		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1751446-3								
Perfluorotridecanoic Acid (PFTrDA)	134		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	121		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	114		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	119		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	112		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	119		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	111		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	119		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	133		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	117		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	118		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	110		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	103		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	129		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	72		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1751446-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1751676-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	112		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	108		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	105		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	114		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	115		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	112		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	97		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	118		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	124		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	111		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	96		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	132		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	88		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	120		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1751676-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	90		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	130		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	111		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	116		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	75		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	138		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	116		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	95		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	90		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	94		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	115		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	129		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	98		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	108		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	63		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1751676-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	75				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	68				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	61				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	52				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	22				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	22				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	47				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	47				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1751676-3								
Perfluorobutanoic Acid (PFBA)	120		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	128		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	121		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	120		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	114		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	126		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	132		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	119		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	125		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	121		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	114		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	133		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	112		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	108		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	123		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	122		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	113		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	108		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1751676-3								
Perfluorotridecanoic Acid (PFTrDA)	112		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	129		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	123		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	121		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	90		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	137		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	128		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	107		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	116		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	115		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	116		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	132		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	118		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	140		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	112		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	118		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	128		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	113		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1751676-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	65				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	66				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	58				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	28				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	25				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	49				20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,15 QC Batch ID: WG1746654-4 WG1746654-5 QC Sample: L2307270-15 Client ID: B402 (33-35)												
Acenaphthene	ND	1600	960	60		880	54		31-137	9		50
Hexachlorobenzene	ND	1600	1100	69		960	59		40-140	14		50
Bis(2-chloroethyl)ether	ND	1600	900	56		810	50		40-140	11		50
2-Chloronaphthalene	ND	1600	1000	62		990	61		40-140	1		50
3,3'-Dichlorobenzidine	ND	1600	660	41		740	46		40-140	11		50
2,4-Dinitrotoluene	ND	1600	990	62		870	54		40-132	13		50
2,6-Dinitrotoluene	ND	1600	990	62		920	57		40-140	7		50
Fluoranthene	ND	1600	990	62		940	58		40-140	5		50
4-Chlorophenyl phenyl ether	ND	1600	1000	62		960	59		40-140	4		50
4-Bromophenyl phenyl ether	ND	1600	1100	69		980	61		40-140	12		50
Bis(2-chloroisopropyl)ether	ND	1600	490	**31**	Q	450	**28**	Q	40-140	9		50
Bis(2-chloroethoxy)methane	ND	1600	900	56		820	51		40-117	9		50
Hexachlorobutadiene	ND	1600	1000	62		970	60		40-140	3		50
Hexachlorocyclopentadiene	ND	1600	470J	**29**	Q	420J	**26**	Q	40-140	11		50
Hexachloroethane	ND	1600	710	44		650	40		40-140	9		50
Isophorone	ND	1600	900	56		810	50		40-140	11		50
Naphthalene	ND	1600	1000	62		950	59		40-140	5		50
Nitrobenzene	ND	1600	890	55		830	51		40-140	7		50
NDPA/DPA	ND	1600	1000	62		950	59		36-157	5		50
n-Nitrosodi-n-propylamine	ND	1600	860	54		780	48		32-121	10		50
Bis(2-ethylhexyl)phthalate	ND	1600	860	54		820	51		40-140	5		50
Butyl benzyl phthalate	ND	1600	870	54		840	52		40-140	4		50
Di-n-butylphthalate	ND	1600	880	55		830	51		40-140	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,15 QC Batch ID: WG1746654-4 WG1746654-5 QC Sample: L2307270-15 Client ID: B402 (33-35)												
Di-n-octylphthalate	ND	1600	910	57		860	53		40-140	6		50
Diethyl phthalate	ND	1600	890	55		820	51		40-140	8		50
Dimethyl phthalate	ND	1600	970	60		910	56		40-140	6		50
Benzo(a)anthracene	ND	1600	980	61		930	57		40-140	5		50
Benzo(a)pyrene	ND	1600	1100	69		1000	62		40-140	10		50
Benzo(b)fluoranthene	ND	1600	1000	62		980	61		40-140	2		50
Benzo(k)fluoranthene	ND	1600	1000	62		960	59		40-140	4		50
Chrysene	ND	1600	930	58		880	54		40-140	6		50
Acenaphthylene	ND	1600	1100	69		1100	68		40-140	0		50
Anthracene	ND	1600	960	60		900	56		40-140	6		50
Benzo(ghi)perylene	ND	1600	940	59		910	56		40-140	3		50
Fluorene	ND	1600	1000	62		950	59		40-140	5		50
Phenanthrene	ND	1600	940	59		890	55		40-140	5		50
Dibenzo(a,h)anthracene	ND	1600	980	61		940	58		40-140	4		50
Indeno(1,2,3-cd)pyrene	ND	1600	1100	69		1000	62		40-140	10		50
Pyrene	ND	1600	980	61		920	57		35-142	6		50
Biphenyl	ND	1600	1100	69		1000	62		37-127	10		50
4-Chloroaniline	ND	1600	630	**39**	Q	750	46		40-140	17		50
2-Nitroaniline	ND	1600	1100	69		1000	62		47-134	10		50
3-Nitroaniline	ND	1600	860	54		820	51		26-129	5		50
4-Nitroaniline	ND	1600	1000	62		920	57		41-125	8		50
Dibenzofuran	ND	1600	1000	62		940	58		40-140	6		50
2-Methylnaphthalene	ND	1600	1000	62		990	61		40-140	1		50

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,15 QC Batch ID: WG1746654-4 WG1746654-5 QC Sample: L2307270-15 Client ID: B402 (33-35)												
1,2,4,5-Tetrachlorobenzene	ND	1600	1200	75		1100	68		40-117	9		50
Acetophenone	ND	1600	1000	62		930	57		14-144	7		50
2,4,6-Trichlorophenol	ND	1600	1100	69		1100	68		30-130	0		50
p-Chloro-m-cresol	ND	1600	940	59		900	56		26-103	4		50
2-Chlorophenol	ND	1600	990	62		890	55		25-102	11		50
2,4-Dichlorophenol	ND	1600	1000	62		950	59		30-130	5		50
2,4-Dimethylphenol	ND	1600	840	52		760	47		30-130	10		50
2-Nitrophenol	ND	1600	940	59		870	54		30-130	8		50
4-Nitrophenol	ND	1600	760	47		710	44		11-114	7		50
2,4-Dinitrophenol	ND	1600	100J	6		160J	10		4-130	46		50
4,6-Dinitro-o-cresol	ND	1600	260J	16		320J	20		10-130	21		50
Pentachlorophenol	ND	1600	940	59		900	56		17-109	4		50
Phenol	ND	1600	980	61		920	57		26-90	6		50
2-Methylphenol	ND	1600	1000	62		910	56		30-130.	9		50
3-Methylphenol/4-Methylphenol	ND	1600	1000	62		920	57		30-130	8		50
2,4,5-Trichlorophenol	ND	1600	1200	75		1100	68		30-130	9		50
Carbazole	ND	1600	960	60		910	56		54-128	5		50
Atrazine	ND	1600	1000	62		910	56		40-140	9		50
Benzaldehyde	ND	1600	960	60		860	53		40-140	11		50
Caprolactam	ND	1600	580	36		570	35		15-130	2		50
2,3,4,6-Tetrachlorophenol	ND	1600	1000	62		970	60		40-140	3		50

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11,15 QC Batch ID: WG1746654-4 WG1746654-5 QC Sample: L2307270-15 Client ID: B402 (33-35)

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	68		59		10-136
2-Fluorobiphenyl	70		64		30-120
2-Fluorophenol	64		55		25-120
4-Terphenyl-d14	63		56		18-120
Nitrobenzene-d5	58		52		23-120
Phenol-d6	64		57		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 QC Batch ID: WG1751676-4 WG1751676-5 QC Sample: L2307270-15 Client ID: B402 (33-35)												
Perfluorobutanoic Acid (PFBA)	ND	7.15	8.51	119		9.09	121		40-150	7		30
Perfluoropentanoic Acid (PFPeA)	ND	3.58	4.26	119		4.51	120		40-150	6		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.59	1.86	117		1.67	101		40-150	11		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.71	8.15	122		8.34	119		40-150	2		30
Perfluorohexanoic Acid (PFHxA)	ND	1.79	2.33	130		2.23	119		40-150	4		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.68	2.09	124		2.23	127		40-150	6		30
Perfluoroheptanoic Acid (PFHpA)	ND	1.79	2.24	125		2.42	129		40-150	8		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.63	1.94	119		2.07	121		40-150	6		30
Perfluorooctanoic Acid (PFOA)	ND	1.79	2.04	114		2.29	122		40-150	12		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.8	7.83	115		8.37	118		40-150	7		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.7	1.93	113		2.19	123		40-150	13		30
Perfluorononanoic Acid (PFNA)	ND	1.79	2.15	120		2.54	136		40-150	17		30
Perfluorooctanesulfonic Acid (PFOS)	ND	1.66	1.86	112		2.18	125		40-150	16		30
Perfluorodecanoic Acid (PFDA)	ND	1.79	2.02	113		2.41	129		40-150	18		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.87	8.28	121		8.68	121		40-150	5		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.72	1.84	107		2.14	119		40-150	15		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.79	2.07	116		2.19	117		40-150	6		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.79	1.99	111		2.16	115		40-150	8		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.72	1.73	100		2.18	121		40-150	23		30
Perfluorooctanesulfonamide (PFOSA)	ND	1.79	2.13	119		2.34	125		40-150	9		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.79	2.17	121		2.21	118		40-150	2		30
Perfluorododecanoic Acid (PFDoA)	ND	1.79	2.20	123		2.23	119		40-150	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 QC Batch ID: WG1751676-4 WG1751676-5 QC Sample: L2307270-15 Client ID: B402 (33-35)												
Perfluorotridecanoic Acid (PFTrDA)	ND	1.79	1.91	107		2.17	116		40-150	13		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.79	2.47	138		2.43	130		40-150	2		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.15	8.46	118		9.71	130		40-150	14		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.76	8.76	130		9.25	131		40-150	5		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.73	1.24	72		1.83	101		40-150	**38**	Q	30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.69	9.18	137		10.2	146		40-150	11		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.76	8.48	125		9.67	137		40-150	13		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.79	1.88	105		2.21	118		40-150	16		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.79	2.29	128		2.28	122		40-150	0		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	17.9	20.2	113		20.6	110		40-150	2		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	17.9	20.4	114		21.0	112		40-150	3		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.58	4.28	120		4.78	128		40-150	11		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.58	3.79	106		4.42	118		40-150	15		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.18	4.58	144		4.66	140		40-150	2		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.58	4.32	121		4.43	118		40-150	3		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	8.94	9.36	105		10.5	112		40-150	11		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	44.7	58.8	132		57.1	122		40-150	3		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	44.7	48.0	107		43.8	94		40-150	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 QC Batch ID: WG1751676-4 WG1751676-5 QC Sample: L2307270-15 Client ID: B402 (33-35)

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	61		58		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	71		71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	66		63		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	33		35		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		62		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	51		54		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	36		37		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	60		59		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	53		55		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		76		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		74		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		73		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		84		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		76		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		72		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	37		48		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		79		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		74		20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 09,11,15 QC Batch ID: WG1751676-4 WG1751676-5 QC Sample: L2307270-15 Client ID: B402 (33-35)												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		76		20-150

PCBS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09
Client ID: B402(0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 02/06/23 11:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/21/23 14:14
Analyst: RMP
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 23:35
Cleanup Method: EPA 3665A
Cleanup Date: 02/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.5	3.42	1	A
Aroclor 1221	ND		ug/kg	38.5	3.86	1	A
Aroclor 1232	ND		ug/kg	38.5	8.17	1	A
Aroclor 1242	ND		ug/kg	38.5	5.19	1	A
Aroclor 1248	ND		ug/kg	38.5	5.78	1	A
Aroclor 1254	ND		ug/kg	38.5	4.21	1	A
Aroclor 1260	ND		ug/kg	38.5	7.12	1	A
Aroclor 1262	ND		ug/kg	38.5	4.89	1	A
Aroclor 1268	ND		ug/kg	38.5	3.99	1	A
PCBs, Total	ND		ug/kg	38.5	3.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11
Client ID: B402 (14-16)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 08:55
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/21/23 14:22
Analyst: RMP
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 23:35
Cleanup Method: EPA 3665A
Cleanup Date: 02/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.2	3.66	1	A
Aroclor 1221	ND		ug/kg	41.2	4.13	1	A
Aroclor 1232	ND		ug/kg	41.2	8.74	1	A
Aroclor 1242	ND		ug/kg	41.2	5.56	1	A
Aroclor 1248	ND		ug/kg	41.2	6.18	1	A
Aroclor 1254	ND		ug/kg	41.2	4.51	1	A
Aroclor 1260	ND		ug/kg	41.2	7.62	1	A
Aroclor 1262	ND		ug/kg	41.2	5.24	1	A
Aroclor 1268	ND		ug/kg	41.2	4.27	1	A
PCBs, Total	ND		ug/kg	41.2	3.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15
Client ID: B402 (33-35)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 10:18
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/21/23 13:50
Analyst: RMP
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 23:35
Cleanup Method: EPA 3665A
Cleanup Date: 02/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.5	3.59	1	A
Aroclor 1221	ND		ug/kg	40.5	4.06	1	A
Aroclor 1232	ND		ug/kg	40.5	8.58	1	A
Aroclor 1242	ND		ug/kg	40.5	5.46	1	A
Aroclor 1248	ND		ug/kg	40.5	6.07	1	A
Aroclor 1254	ND		ug/kg	40.5	4.43	1	A
Aroclor 1260	ND		ug/kg	40.5	7.48	1	A
Aroclor 1262	ND		ug/kg	40.5	5.14	1	A
Aroclor 1268	ND		ug/kg	40.5	4.19	1	A
PCBs, Total	ND		ug/kg	40.5	3.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18
Client ID: RINSE BLANK
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 16:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/20/23 23:14
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 02/19/23 18:50
Cleanup Method: EPA 3665A
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/20/23 20:35
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 02/19/23 18:50
Cleanup Method: EPA 3665A
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 18 Batch: WG1746257-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/21/23 07:32
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 02/20/23 16:43
Cleanup Method: EPA 3665A
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09,11,15 Batch: WG1746623-1						
Aroclor 1016	ND		ug/kg	31.6	2.81	A
Aroclor 1221	ND		ug/kg	31.6	3.17	A
Aroclor 1232	ND		ug/kg	31.6	6.70	A
Aroclor 1242	ND		ug/kg	31.6	4.26	A
Aroclor 1248	ND		ug/kg	31.6	4.74	A
Aroclor 1254	ND		ug/kg	31.6	3.46	A
Aroclor 1260	ND		ug/kg	31.6	5.84	A
Aroclor 1262	ND		ug/kg	31.6	4.01	A
Aroclor 1268	ND		ug/kg	31.6	3.27	A
PCBs, Total	ND		ug/kg	31.6	2.81	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	70		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 18 Batch: WG1746257-2 WG1746257-3									
Aroclor 1016	89		78		40-140	13		50	A
Aroclor 1260	80		76		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		83		30-150	A
Decachlorobiphenyl	105		104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		79		30-150	B
Decachlorobiphenyl	107		104		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09,11,15 Batch: WG1746623-2 WG1746623-3									
Aroclor 1016	88		86		40-140	2		50	A
Aroclor 1260	76		72		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		82		30-150	A
Decachlorobiphenyl	78		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		82		30-150	B
Decachlorobiphenyl	76		75		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*	*Column*
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09,11,15 QC Batch ID: WG1746623-4 WG1746623-5 QC Sample: L2307270-15 Client ID: B402 (33-35)													
Aroclor 1016	ND	248	190	77		180	73		40-140	5		50	A
Aroclor 1260	ND	248	172	69		167	68		40-140	3		50	A

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
2,4,5,6-Tetrachloro-m-xylene	75		72		30-150	A
Decachlorobiphenyl	73		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		74		30-150	B
Decachlorobiphenyl	70		69		30-150	B

PESTICIDES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09
Client ID: B402(0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 02/06/23 11:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/22/23 14:44
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 04:43
Cleanup Method: EPA 3620B
Cleanup Date: 02/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.801	0.358	1	A
Alpha-BHC	ND		ug/kg	0.801	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.729	1	A
Heptachlor	ND		ug/kg	0.961	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.677	1	A
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.801	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.841	1	A
Endrin ketone	ND		ug/kg	1.92	0.495	1	A
Dieldrin	ND		ug/kg	1.20	0.601	1	A
4,4'-DDE	ND		ug/kg	1.92	0.444	1	A
4,4'-DDD	0.742	J	ug/kg	1.92	0.686	1	A
4,4'-DDT	ND		ug/kg	1.92	1.55	1	A
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.642	1	A
Endosulfan sulfate	ND		ug/kg	0.801	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.670	1	A
trans-Chlordane	ND		ug/kg	2.40	0.634	1	A
Chlordane	ND		ug/kg	16.0	6.37	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09 Date Collected: 02/06/23 11:30

Client ID: B402(0-5) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09
Client ID: B402(0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 02/06/23 11:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 02/16/23 13:16
Analyst: MMG
Percent Solids: 82%
Methylation Date: 02/16/23 08:00

Extraction Method: EPA 8151A
Extraction Date: 02/15/23 15:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.10	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	81		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11
Client ID: B402 (14-16)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 08:55
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/22/23 21:26
Analyst: AKM
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 21:39
Cleanup Method: EPA 3620B
Cleanup Date: 02/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.04	0.400	1	A
Lindane	ND		ug/kg	0.852	0.381	1	A
Alpha-BHC	ND		ug/kg	0.852	0.242	1	A
Beta-BHC	ND		ug/kg	2.04	0.775	1	A
Heptachlor	ND		ug/kg	1.02	0.458	1	A
Aldrin	ND		ug/kg	2.04	0.720	1	A
Heptachlor epoxide	ND		ug/kg	3.83	1.15	1	A
Endrin	ND		ug/kg	0.852	0.349	1	A
Endrin aldehyde	ND		ug/kg	2.56	0.895	1	A
Endrin ketone	ND		ug/kg	2.04	0.527	1	A
Dieldrin	ND		ug/kg	1.28	0.639	1	A
4,4'-DDE	ND		ug/kg	2.04	0.473	1	A
4,4'-DDD	ND		ug/kg	2.04	0.729	1	A
4,4'-DDT	ND		ug/kg	2.04	1.64	1	A
Endosulfan I	ND		ug/kg	2.04	0.483	1	A
Endosulfan II	ND		ug/kg	2.04	0.683	1	A
Endosulfan sulfate	ND		ug/kg	0.852	0.406	1	A
Methoxychlor	ND		ug/kg	3.83	1.19	1	A
Toxaphene	ND		ug/kg	38.3	10.7	1	A
cis-Chlordane	0.728	J	ug/kg	2.56	0.712	1	A
trans-Chlordane	ND	IP	ug/kg	2.56	0.675	1	B
Chlordane	ND		ug/kg	17.0	6.77	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11 Date Collected: 02/09/23 08:55

Client ID: B402 (14-16) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11
Client ID: B402 (14-16)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 08:55
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 02/16/23 13:35
Analyst: MMG
Percent Solids: 77%
Methylation Date: 02/16/23 08:00

Extraction Method: EPA 8151A
Extraction Date: 02/15/23 15:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	214	13.4	1	A
2,4,5-T	ND		ug/kg	214	6.62	1	A
2,4,5-TP (Silvex)	ND		ug/kg	214	5.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	87		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15
Client ID: B402 (33-35)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 10:18
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 02/22/23 20:54
Analyst: AKM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/20/23 21:39
Cleanup Method: EPA 3620B
Cleanup Date: 02/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.799	0.357	1	A
Alpha-BHC	ND		ug/kg	0.799	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.727	1	A
Heptachlor	ND		ug/kg	0.959	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.675	1	A
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.799	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.839	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	ND		ug/kg	1.20	0.599	1	A
4,4'-DDE	ND		ug/kg	1.92	0.443	1	A
4,4'-DDD	ND		ug/kg	1.92	0.684	1	A
4,4'-DDT	ND		ug/kg	1.92	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.453	1	A
Endosulfan II	ND		ug/kg	1.92	0.641	1	A
Endosulfan sulfate	ND		ug/kg	0.799	0.380	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.668	1	A
trans-Chlordane	ND		ug/kg	2.40	0.633	1	A
Chlordane	ND		ug/kg	16.0	6.35	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15 Date Collected: 02/09/23 10:18

Client ID: B402 (33-35) Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15
Client ID: B402 (33-35)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 10:18
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 02/16/23 13:53
Analyst: MMG
Percent Solids: 81%
Methylation Date: 02/16/23 08:00

Extraction Method: EPA 8151A
Extraction Date: 02/15/23 15:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	203	12.8	1	A
2,4,5-T	ND		ug/kg	203	6.31	1	A
2,4,5-TP (Silvex)	ND		ug/kg	203	5.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	85		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18
Client ID: RINSE BLANK
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 16:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 02/16/23 15:56
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 02/13/23 09:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18 Date Collected: 02/09/23 16:00

Client ID: RINSE BLANK Date Received: 02/09/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18
Client ID: RINSE BLANK
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 16:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 02/14/23 08:53
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 02/12/23 14:30

Methylation Date: 02/13/23 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	83		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/14/23 07:39
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 02/12/23 14:30

Methylation Date: 02/13/23 20:06

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 18 Batch: WG1743648-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	86		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/23 16:40
Analyst: AAR

Extraction Method: EPA 3510C
Extraction Date: 02/12/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18 Batch: WG1743693-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/13/23 16:40
Analyst: AAR

Extraction Method: EPA 3510C
Extraction Date: 02/12/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18 Batch: WG1743693-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 02/16/23 09:55
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 02/15/23 15:39

Methylation Date: 02/16/23 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 09,11,15 Batch: WG1744874-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.03	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	102		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/22/23 13:48
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/20/23 04:41
Cleanup Method: EPA 3620B
Cleanup Date: 02/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1746295-1						
Delta-BHC	ND		ug/kg	1.50	0.295	A
Lindane	ND		ug/kg	0.627	0.280	A
Alpha-BHC	ND		ug/kg	0.627	0.178	A
Beta-BHC	ND		ug/kg	1.50	0.571	A
Heptachlor	ND		ug/kg	0.753	0.338	A
Aldrin	ND		ug/kg	1.50	0.530	A
Heptachlor epoxide	ND		ug/kg	2.82	0.847	A
Endrin	ND		ug/kg	0.627	0.257	A
Endrin aldehyde	ND		ug/kg	1.88	0.659	A
Endrin ketone	ND		ug/kg	1.50	0.388	A
Dieldrin	ND		ug/kg	0.941	0.470	A
4,4'-DDE	ND		ug/kg	1.50	0.348	A
4,4'-DDD	ND		ug/kg	1.50	0.537	A
4,4'-DDT	ND		ug/kg	1.50	1.21	A
Endosulfan I	ND		ug/kg	1.50	0.356	A
Endosulfan II	ND		ug/kg	1.50	0.503	A
Endosulfan sulfate	ND		ug/kg	0.627	0.299	A
Methoxychlor	ND		ug/kg	2.82	0.878	A
Toxaphene	ND		ug/kg	28.2	7.90	A
cis-Chlordane	ND		ug/kg	1.88	0.524	A
trans-Chlordane	ND		ug/kg	1.88	0.497	A
Chlordane	ND		ug/kg	12.5	4.99	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/22/23 13:48
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/20/23 04:41
Cleanup Method: EPA 3620B
Cleanup Date: 02/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1746295-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/22/23 20:21
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/20/23 21:39
Cleanup Method: EPA 3620B
Cleanup Date: 02/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11,15 Batch: WG1746661-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.572	A
Heptachlor	ND		ug/kg	0.754	0.338	A
Aldrin	ND		ug/kg	1.51	0.531	A
Heptachlor epoxide	ND		ug/kg	2.83	0.848	A
Endrin	ND		ug/kg	0.628	0.258	A
Endrin aldehyde	ND		ug/kg	1.88	0.660	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.943	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.538	A
4,4'-DDT	ND		ug/kg	1.51	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.504	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.83	0.880	A
Toxaphene	ND		ug/kg	28.3	7.92	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.498	A
Chlordane	ND		ug/kg	12.6	5.00	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/22/23 20:21
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 02/20/23 21:39
Cleanup Method: EPA 3620B
Cleanup Date: 02/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 02/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11,15 Batch: WG1746661-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 18 Batch: WG1743648-2 WG1743648-3									
2,4-D	91		99		30-150	8		25	A
2,4,5-T	84		91		30-150	8		25	A
2,4,5-TP (Silvex)	80		85		30-150	6		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	92		98		30-150	A
DCAA	90		97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18 Batch: WG1743693-2 WG1743693-3									
Delta-BHC	79		80		30-150	2		20	A
Lindane	94		97		30-150	3		20	A
Alpha-BHC	94		98		30-150	4		20	A
Beta-BHC	85		88		30-150	3		20	A
Heptachlor	101		104		30-150	3		20	A
Aldrin	78		80		30-150	2		20	A
Heptachlor epoxide	86		87		30-150	2		20	A
Endrin	91		94		30-150	3		20	A
Endrin aldehyde	81		82		30-150	1		20	A
Endrin ketone	107		108		30-150	1		20	A
Dieldrin	89		91		30-150	2		20	A
4,4'-DDE	81		85		30-150	5		20	A
4,4'-DDD	116		118		30-150	2		20	A
4,4'-DDT	118		126		30-150	7		20	A
Endosulfan I	79		81		30-150	3		20	A
Endosulfan II	88		89		30-150	2		20	A
Endosulfan sulfate	86		87		30-150	2		20	A
Methoxychlor	140		145		30-150	4		20	A
cis-Chlordane	75		77		30-150	3		20	A
trans-Chlordane	91		93		30-150	2		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18 Batch: WG1743693-2 WG1743693-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		66		30-150	A
Decachlorobiphenyl	78		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		73		30-150	B
Decachlorobiphenyl	78		74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 09,11,15 Batch: WG1744874-2 WG1744874-3									
2,4-D	103		104		30-150	1		30	A
2,4,5-T	102		100		30-150	2		30	A
2,4,5-TP (Silvex)	101		98		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	99		98		30-150	A
DCAA	102		103		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1746295-2 WG1746295-3									
Delta-BHC	91		116		30-150	24		30	A
Lindane	84		108		30-150	25		30	A
Alpha-BHC	84		110		30-150	27		30	A
Beta-BHC	97		119		30-150	20		30	A
Heptachlor	91		114		30-150	22		30	A
Aldrin	87		111		30-150	24		30	A
Heptachlor epoxide	84		104		30-150	21		30	A
Endrin	102		129		30-150	23		30	A
Endrin aldehyde	65		82		30-150	23		30	A
Endrin ketone	93		118		30-150	24		30	A
Dieldrin	107		136		30-150	24		30	A
4,4'-DDE	100		127		30-150	24		30	A
4,4'-DDD	113		143		30-150	23		30	A
4,4'-DDT	106		136		30-150	25		30	A
Endosulfan I	95		121		30-150	24		30	A
Endosulfan II	105		133		30-150	24		30	A
Endosulfan sulfate	74		94		30-150	24		30	A
Methoxychlor	99		123		30-150	22		30	A
cis-Chlordane	80		100		30-150	22		30	A
trans-Chlordane	107		135		30-150	23		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1746295-2 WG1746295-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		87		30-150	A
Decachlorobiphenyl	70		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		81		30-150	B
Decachlorobiphenyl	61		67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11,15 Batch: WG1746661-2 WG1746661-3									
Delta-BHC	105		87		30-150	19		30	A
Lindane	102		86		30-150	17		30	A
Alpha-BHC	105		89		30-150	16		30	A
Beta-BHC	115		93		30-150	21		30	A
Heptachlor	105		88		30-150	18		30	A
Aldrin	100		85		30-150	16		30	A
Heptachlor epoxide	90		77		30-150	16		30	A
Endrin	94		80		30-150	16		30	A
Endrin aldehyde	52		45		30-150	14		30	A
Endrin ketone	86		75		30-150	14		30	A
Dieldrin	98		82		30-150	18		30	A
4,4'-DDE	95		79		30-150	18		30	A
4,4'-DDD	99		84		30-150	16		30	A
4,4'-DDT	94		80		30-150	16		30	A
Endosulfan I	96		81		30-150	17		30	A
Endosulfan II	95		81		30-150	16		30	A
Endosulfan sulfate	68		62		30-150	9		30	A
Methoxychlor	88		74		30-150	17		30	A
cis-Chlordane	87		72		30-150	19		30	A
trans-Chlordane	113		96		30-150	16		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11,15 Batch: WG1746661-2 WG1746661-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		83		30-150	A
Decachlorobiphenyl	92		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		81		30-150	B
Decachlorobiphenyl	87		74		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 09,11,15 QC Batch ID: WG1744874-4 WG1744874-5 QC Sample: L2307270-15 Client ID: B402 (33-35)													
2,4-D	ND	205	214	104		217	107		30-150	1		30	A
2,4,5-T	ND	205	219	107		222	110		30-150	1		30	A
2,4,5-TP (Silvex)	ND	205	215	105		218	108		30-150	1		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	103		105		30-150	A
DCAA	99		99		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11,15 QC Batch ID: WG1746661-4 WG1746661-5 QC Sample: L2307270-15 Client ID: B402 (33-35)													
Delta-BHC	ND	39.7	21.1	53		18.7	47		30-150	12		50	A
Lindane	ND	39.7	22.4	56		20.7	52		30-150	8		50	A
Alpha-BHC	ND	39.7	23.3	59		21.2	54		30-150	9		50	A
Beta-BHC	ND	39.7	30.8	78		31.8	80		30-150	3		50	A
Heptachlor	ND	39.7	31.1	78		32.2	81		30-150	3		50	A
Aldrin	ND	39.7	32.1	81		33.8	85		30-150	5		50	A
Heptachlor epoxide	ND	39.7	31.7	80		34.0	86		30-150	7		50	A
Endrin	ND	39.7	31.0	78		32.2	81		30-150	4		50	A
Endrin aldehyde	ND	39.7	14.0	35		12.4	31		30-150	12		50	A
Endrin ketone	ND	39.7	22.4	56		20.6	52		30-150	8		50	A
Dieldrin	ND	39.7	32.3	81		33.3	84		30-150	3		50	A
4,4'-DDE	ND	39.7	36.1	91		39.4	100		30-150	9		50	A
4,4'-DDD	ND	39.7	27.0	68		25.9	65		30-150	4		50	A
4,4'-DDT	ND	39.7	22.5	57		20.5	52		30-150	9		50	A
Endosulfan I	ND	39.7	22.2	56		20.4	52		30-150	8		50	A
Endosulfan II	ND	39.7	22.6	57		20.9	53		30-150	8		50	A
Endosulfan sulfate	ND	39.7	16.6	42		15.3	39		30-150	8		50	A
Methoxychlor	ND	39.7	23.3	59		21.9	55		30-150	6		50	A
cis-Chlordane	ND	39.7	26.6	67		27.1	68		30-150	2		50	A
trans-Chlordane	ND	39.7	38.4	97		39.5	100		30-150	3		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11,15 QC Batch ID: WG1746661-4 WG1746661-5 QC Sample: L2307270-15 Client ID: B402 (33-35)												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	A
Decachlorobiphenyl	82		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		81		30-150	B
Decachlorobiphenyl	76		74		30-150	B

METALS

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-01
Client ID: MW1_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/07/23 09:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	70.9		mg/l	0.100	0.0191	1	02/12/23 14:00	02/12/23 21:44	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0211	J	mg/l	0.0500	0.0191	1	02/12/23 11:30	02/12/23 20:17	EPA 3005A	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-02
Client ID: MW2_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/07/23 12:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	130.		mg/l	1.00	0.191	10	02/12/23 14:00	02/13/23 00:14	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/12/23 11:30	02/12/23 20:22	EPA 3005A	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-03
Client ID: MW3S_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/07/23 15:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	104.		mg/l	1.00	0.191	10	02/12/23 14:00	02/13/23 00:20	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	2.69		mg/l	0.0500	0.0191	1	02/12/23 11:30	02/12/23 20:27	EPA 3005A	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-04
Client ID: MW3I_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/08/23 10:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	195.		mg/l	2.00	0.382	10	02/12/23 14:00	02/13/23 14:47	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0215	J	mg/l	0.0500	0.0191	1	02/12/23 11:30	02/12/23 20:01	EPA 3005A	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-05
Client ID: MW4S_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/08/23 14:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	53.2		mg/l	0.100	0.0191	1	02/12/23 14:00	02/12/23 22:54	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	2.44		mg/l	0.0500	0.0191	1	02/12/23 11:30	02/12/23 20:33	EPA 3005A	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-06
Client ID: MW4I_G
Sample Location: LIVERPOOL, NY
Date Collected: 02/08/23 16:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	547.		mg/l	2.00	0.382	10	02/12/23 14:00	02/13/23 14:57	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	3.69		mg/l	0.0500	0.0191	1	02/12/23 11:30	02/12/23 20:38	EPA 3005A	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-07
Client ID: DUP01_020823
Sample Location: LIVERPOOL, NY
Date Collected: 02/08/23 00:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	151.		mg/l	0.143	0.0273	1	02/12/23 14:00	02/12/23 23:05	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.0250	J	mg/l	0.0500	0.0191	1	02/12/23 11:30	02/12/23 20:43	EPA 3005A	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09
Client ID: B402(0-5)
Sample Location: LIVERPOOL, NY
Date Collected: 02/06/23 11:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	9.31	2.51	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.65	0.354	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Arsenic, Total	6.39		mg/kg	0.931	0.194	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Barium, Total	131		mg/kg	0.931	0.162	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.447	J	mg/kg	0.465	0.031	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Cadmium, Total	0.127	J	mg/kg	0.931	0.091	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Calcium, Total	30000		mg/kg	9.31	3.26	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Chromium, Total	18.2		mg/kg	0.931	0.089	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Cobalt, Total	9.69		mg/kg	1.86	0.154	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Copper, Total	20.6		mg/kg	0.931	0.240	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Iron, Total	21700		mg/kg	4.65	0.840	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Lead, Total	12.8		mg/kg	4.65	0.249	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Magnesium, Total	10500		mg/kg	9.31	1.43	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Manganese, Total	351		mg/kg	0.931	0.148	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Mercury, Total	ND		mg/kg	0.092	0.060	1	02/15/23 14:50	02/21/23 21:17	EPA 7471B	1,7471B	ZNK
Nickel, Total	21.9		mg/kg	2.33	0.225	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Potassium, Total	1230		mg/kg	233	13.4	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.86	0.240	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.465	0.263	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Sodium, Total	299		mg/kg	186	2.93	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Thallium, Total	0.411	J	mg/kg	1.86	0.293	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Vanadium, Total	23.1		mg/kg	0.931	0.189	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW
Zinc, Total	52.7		mg/kg	4.65	0.273	2	02/15/23 14:30	02/15/23 19:25	EPA 3050B	1,6010D	AMW

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11
Client ID: B402 (14-16)
Sample Location: LIVERPOOL, NY
Date Collected: 02/09/23 08:55
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5280		mg/kg	9.97	2.69	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.99	0.379	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Arsenic, Total	3.33		mg/kg	0.997	0.207	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Barium, Total	54.2		mg/kg	0.997	0.174	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.124	J	mg/kg	0.499	0.033	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.997	0.098	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Calcium, Total	57400		mg/kg	49.9	17.4	10	02/15/23 14:30	02/15/23 23:12	EPA 3050B	1,6010D	AMW
Chromium, Total	9.62		mg/kg	0.997	0.096	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Cobalt, Total	5.38		mg/kg	1.99	0.166	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Copper, Total	13.3		mg/kg	0.997	0.257	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Iron, Total	13500		mg/kg	4.99	0.900	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Lead, Total	5.02		mg/kg	4.99	0.267	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Magnesium, Total	20700		mg/kg	9.97	1.54	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Manganese, Total	392		mg/kg	0.997	0.158	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Mercury, Total	ND		mg/kg	0.082	0.053	1	02/15/23 14:50	02/21/23 21:21	EPA 7471B	1,7471B	ZNK
Nickel, Total	10.9		mg/kg	2.49	0.241	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Potassium, Total	789		mg/kg	249	14.4	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.99	0.257	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.499	0.282	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Sodium, Total	184	J	mg/kg	199	3.14	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Thallium, Total	0.416	J	mg/kg	1.99	0.314	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Vanadium, Total	13.8		mg/kg	0.997	0.202	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW
Zinc, Total	31.0		mg/kg	4.99	0.292	2	02/15/23 14:30	02/15/23 19:30	EPA 3050B	1,6010D	AMW

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15
Client ID: B402 (33-35)
Sample Location: LIVERPOOL, NY
Date Collected: 02/09/23 10:18
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3770		mg/kg	9.30	2.51	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Antimony, Total	ND		mg/kg	4.65	0.354	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Arsenic, Total	2.29		mg/kg	0.930	0.194	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Barium, Total	17.0		mg/kg	0.930	0.162	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Beryllium, Total	0.042	J	mg/kg	0.465	0.031	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.930	0.091	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Calcium, Total	60000		mg/kg	46.5	16.3	10	02/15/23 14:30	02/15/23 19:44	EPA 3050B	1,6010D	AMW
Chromium, Total	6.79		mg/kg	0.930	0.089	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Cobalt, Total	4.75		mg/kg	1.86	0.154	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Copper, Total	10.6		mg/kg	0.930	0.240	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Iron, Total	10000		mg/kg	4.65	0.840	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Lead, Total	3.93	J	mg/kg	4.65	0.249	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Magnesium, Total	21300		mg/kg	9.30	1.43	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Manganese, Total	272		mg/kg	0.930	0.148	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Mercury, Total	ND		mg/kg	0.091	0.060	1	02/15/23 14:50	02/16/23 17:32	EPA 7471B	1,7471B	DMB
Nickel, Total	8.89		mg/kg	2.33	0.225	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Potassium, Total	659		mg/kg	233	13.4	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Selenium, Total	ND		mg/kg	1.86	0.240	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Silver, Total	ND		mg/kg	0.465	0.263	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Sodium, Total	128	J	mg/kg	186	2.93	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Thallium, Total	ND		mg/kg	1.86	0.293	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Vanadium, Total	8.80		mg/kg	0.930	0.189	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW
Zinc, Total	17.8		mg/kg	4.65	0.273	2	02/15/23 14:30	02/15/23 18:30	EPA 3050B	1,6010D	AMW

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2307270
Project Number: 2001642
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18
Client ID: RINSE BLANK
Sample Location: LIVERPOOL, NY
Date Collected: 02/09/23 16:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00466	J	mg/l	0.0100	0.00327	1	02/12/23 14:00	02/13/23 15:03	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Barium, Total	0.00020	J	mg/l	0.00050	0.00017	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Calcium, Total	0.0844	J	mg/l	0.100	0.0394	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Iron, Total	ND		mg/l	0.100	0.0191	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Manganese, Total	0.00080	J	mg/l	0.00100	0.00044	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00014	J	mg/l	0.00020	0.00009	1	02/12/23 14:35	02/14/23 20:10	EPA 7470A	1,7470A	DMB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP
Zinc, Total	0.01142		mg/l	0.01000	0.00341	1	02/12/23 14:00	02/12/23 23:32	EPA 3005A	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1743557-1										
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/12/23 11:30	02/12/23 18:52	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07,18 Batch: WG1743568-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/12/23 14:00	02/13/23 14:15	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Iron, Total	ND		mg/l	0.100	0.0191	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Thallium, Total	0.00020	J	mg/l	0.00100	0.00014	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/12/23 14:00	02/12/23 22:13	1,6020B	WKP

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18 Batch: WG1743569-1										
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	02/12/23 14:35	02/14/23 19:47	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09,11,15 Batch: WG1743954-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Barium, Total	ND		mg/kg	0.400	0.070	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Copper, Total	ND		mg/kg	0.400	0.103	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Iron, Total	ND		mg/kg	2.00	0.361	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Lead, Total	ND		mg/kg	2.00	0.107	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Potassium, Total	ND		mg/kg	100	5.76	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Silver, Total	ND		mg/kg	0.200	0.113	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Sodium, Total	4.61	J	mg/kg	80.0	1.26	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2307270

Project Number: 2001642 **Report Date:** 03/10/23

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/kg	0.400	0.081	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW
Zinc, Total	ND	mg/kg	2.00	0.117	1	02/15/23 14:30	02/15/23 18:16	1,6010D	AMW

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09,11,15 Batch: WG1743959-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/15/23 14:50	02/16/23 17:18	1,7471B	DMB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1743557-2								
Iron, Dissolved	95		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,18 Batch: WG1743568-2					
Aluminum, Total	97	-	80-120	-	
Antimony, Total	86	-	80-120	-	
Arsenic, Total	98	-	80-120	-	
Barium, Total	100	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	92	-	80-120	-	
Chromium, Total	94	-	80-120	-	
Cobalt, Total	93	-	80-120	-	
Copper, Total	96	-	80-120	-	
Iron, Total	99	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	93	-	80-120	-	
Potassium, Total	89	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	98	-	80-120	-	
Sodium, Total	104	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	92	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,18 Batch: WG1743568-2					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 18 Batch: WG1743569-2					
Mercury, Total	99	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1743954-2 SRM Lot Number: D116-540					
Aluminum, Total	89	-	45-155	-	
Antimony, Total	198	-	2-205	-	
Arsenic, Total	110	-	82-119	-	
Barium, Total	99	-	82-118	-	
Beryllium, Total	108	-	82-118	-	
Cadmium, Total	106	-	82-118	-	
Calcium, Total	101	-	81-119	-	
Chromium, Total	107	-	81-118	-	
Cobalt, Total	105	-	83-117	-	
Copper, Total	104	-	83-117	-	
Iron, Total	106	-	58-142	-	
Lead, Total	105	-	83-117	-	
Magnesium, Total	99	-	75-125	-	
Manganese, Total	102	-	82-118	-	
Nickel, Total	107	-	82-118	-	
Potassium, Total	100	-	68-131	-	
Selenium, Total	111	-	78-122	-	
Silver, Total	106	-	79-121	-	
Sodium, Total	104	-	71-130	-	
Thallium, Total	107	-	80-120	-	
Vanadium, Total	107	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1743954-2 SRM Lot Number: D116-540					
Zinc, Total	109	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 09,11,15 Batch: WG1743959-2 SRM Lot Number: D116-540					
Mercury, Total	101	-	58-142	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1743557-3 WG1743557-4 QC Sample: L2307194-01 Client ID: MS Sample												
Iron, Dissolved	0.0961	1	1.04	94		1.04	94		75-125	0		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1743557-7 WG1743557-8 QC Sample: L2307270-04 Client ID: MW3I_G												
Iron, Dissolved	0.0215J	1	0.984	98		0.957	96		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,18 QC Batch ID: WG1743568-3 WG1743568-4 QC Sample: L2307270-04 Client ID: MW3I_G											
Aluminum, Total	61.2	4	67.1	**148**	Q	69.0	**195**	Q	75-125	3	20
Antimony, Total	ND	1	0.4874	**49**	Q	0.4218	**42**	Q	75-125	14	20
Arsenic, Total	0.0607	0.24	0.2639	85		0.2734	89		75-125	4	20
Barium, Total	1.651	4	5.630	99		5.706	101		75-125	1	20
Beryllium, Total	0.0042J	0.1	0.09792	98		0.1035	104		75-125	6	20
Cadmium, Total	0.0015J	0.106	0.1064	100		0.1050	99		75-125	1	20
Calcium, Total	2020	20	1990	**0**	Q	2120	**500**	Q	75-125	6	20
Chromium, Total	0.1664	0.4	0.5516	96		0.5700	101		75-125	3	20
Cobalt, Total	0.0909	1	1.013	92		1.052	96		75-125	4	20
Copper, Total	0.6118	0.5	1.054	88		1.118	101		75-125	6	20
Iron, Total	195.	2	202	**350**	Q	213	**900**	Q	75-125	5	20
Lead, Total	0.1615	1.06	1.212	99		1.253	103		75-125	3	20
Magnesium, Total	346	20	341	**0**	Q	375	**145**	Q	75-125	9	20
Manganese, Total	13.60	1	14.50	90		15.54	**194**	Q	75-125	7	20
Nickel, Total	0.1840	1	1.038	85		1.102	92		75-125	6	20
Potassium, Total	19.8	20	37.7	90		38.8	95		75-125	3	20
Selenium, Total	0.055J	0.24	0.261	109		0.266	111		75-125	2	20
Silver, Total	ND	0.1	0.09437	94		0.09803	98		75-125	4	20
Sodium, Total	95.0	20	114	95		119	120		75-125	4	20
Thallium, Total	0.0088J	0.24	0.2259	94		0.2311	96		75-125	2	20
Vanadium, Total	0.0926J	1	1.031	103		1.095	110		75-125	6	20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07,18 QC Batch ID: WG1743568-3 WG1743568-4 QC Sample: L2307270-04 Client ID: MW3I_G										
Zinc, Total	13.24	1	14.18	94	14.86	**162**	Q	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1743569-3 QC Sample: L2307099-05 Client ID: MS Sample										
Mercury, Total	0.00022	0.005	0.00495	95	-	-		75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,15 QC Batch ID: WG1743954-3 WG1743954-4 QC Sample: L2307270-15 Client ID: B402 (33-35)												
Aluminum, Total	3770	188	4150	**203**	Q	4080	**164**	Q	75-125	2		20
Antimony, Total	ND	46.9	53.2	113		53.5	113		75-125	1		20
Arsenic, Total	2.29	11.2	16.1	123		15.5	117		75-125	4		20
Barium, Total	17.0	188	209	102		209	102		75-125	0		20
Beryllium, Total	0.042J	4.69	4.99	106		5.00	106		75-125	0		20
Cadmium, Total	ND	4.97	5.16	104		5.16	103		75-125	0		20
Calcium, Total	60000	938	62700	**288**	Q	65700	**604**	Q	75-125	5		20
Chromium, Total	6.79	18.8	26.0	102		25.7	100		75-125	1		20
Cobalt, Total	4.75	46.9	51.0	99		50.6	97		75-125	1		20
Copper, Total	10.6	23.4	61.5	**217**	Q	42.7	**136**	Q	75-125	**36**	Q	20
Iron, Total	10000	93.8	10100	107		9900	**0**	Q	75-125	2		20
Lead, Total	3.93J	49.7	52.2	105		51.8	104		75-125	1		20
Magnesium, Total	21300	938	22400	117		22200	95		75-125	1		20
Manganese, Total	272	46.9	310	81		319	100		75-125	3		20
Nickel, Total	8.89	46.9	54.7	98		54.2	96		75-125	1		20
Potassium, Total	659	938	1760	117		1760	117		75-125	0		20
Selenium, Total	ND	11.2	12.4	110		11.8	104		75-125	5		20
Silver, Total	ND	4.69	4.99	106		5.02	106		75-125	1		20
Sodium, Total	128J	938	1190	**127**	Q	1200	**127**	Q	75-125	1		20
Thallium, Total	ND	11.2	10.7	95		10.7	94		75-125	0		20
Vanadium, Total	8.80	46.9	58.0	105		57.4	103		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09,11,15 QC Batch ID: WG1743954-3 WG1743954-4 QC Sample: L2307270-15 Client ID: B402 (33-35)									
Zinc, Total	17.8	46.9	64.1	99	64.2	98	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 09,11,15 QC Batch ID: WG1743959-3 WG1743959-4 QC Sample: L2307270-15 Client ID: B402 (33-35)									
Mercury, Total	ND	1.63	1.66	102	1.65	101	80-120	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1743569-4 QC Sample: L2307099-05 Client ID: DUP Sample						
Mercury, Total	0.00022	0.00027	mg/l	20		20

INORGANICS
&
MISCELLANEOUS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-01
Client ID: MW1_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 09:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab										
Sulfate	129.		mg/l	10.0	4.54	10	-	02/13/23 18:25	44,300.0	AVT

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-02
Client ID: MW2_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 12:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab										
Sulfate	42.3		mg/l	10.0	4.54	10	-	02/13/23 18:37	44,300.0	AVT

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-03
Client ID: MW3S_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/07/23 15:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab										
Sulfate	109.		mg/l	10.0	4.54	10	-	02/13/23 18:49	44,300.0	AVT

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-04
Client ID: MW3I_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 10:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab										
Sulfate	73.6		mg/l	10.0	4.54	10	-	02/13/23 19:38	44,300.0	AVT

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-05
Client ID: MW4S_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 14:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab										
Sulfate	313.		mg/l	10.0	4.54	10	-	02/13/23 19:50	44,300.0	AVT

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-06
Client ID: MW4I_G
Sample Location: LIVERPOOL, NY

Date Collected: 02/08/23 16:45
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab										
Sulfate	99.6		mg/l	10.0	4.54	10	-	02/13/23 20:02	44,300.0	AVT

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-09
Client ID: B402(0-5)
Sample Location: LIVERPOOL, NY

Date Collected: 02/06/23 11:30
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	02/10/23 12:06	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	02/14/23 15:45	02/15/23 08:14	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-11
Client ID: B402 (14-16)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 08:55
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.9		%	0.100	NA	1	-	02/10/23 12:06	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	02/17/23 07:30	02/17/23 12:34	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-15
Client ID: B402 (33-35)
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 10:18
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	02/10/23 12:06	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	02/17/23 07:30	02/17/23 12:35	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

SAMPLE RESULTS

Lab ID: L2307270-18
Client ID: RINSE BLANK
Sample Location: LIVERPOOL, NY

Date Collected: 02/09/23 16:00
Date Received: 02/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/15/23 06:40	02/15/23 10:31	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-06 Batch: WG1744075-1										
Sulfate	ND		mg/l	1.00	0.454	1	-	02/13/23 18:01	44,300.0	AVT
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1744312-1										
Cyanide, Total	ND		mg/kg	0.94	0.20	1	02/14/23 15:45	02/15/23 07:52	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 18 Batch: WG1744559-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	02/15/23 06:40	02/15/23 10:25	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 11,15 Batch: WG1745087-1										
Cyanide, Total	ND		mg/kg	0.87	0.18	1	02/17/23 07:30	02/17/23 12:28	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 Batch: WG1744075-2								
Sulfate	104		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1744312-2 WG1744312-3								
Cyanide, Total	81		84		80-120	5		35
General Chemistry - Westborough Lab Associated sample(s): 18 Batch: WG1744559-2 WG1744559-3								
Cyanide, Total	111		100		85-115	10		20
General Chemistry - Westborough Lab Associated sample(s): 11,15 Batch: WG1745087-2 WG1745087-3								
Cyanide, Total	**64**	Q	107		80-120	**45**	Q	35

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1744075-3 WG1744075-4 QC Sample: L2307270-04 Client ID: MW3I_G												
Sulfate	73.6	40	113	98		112	97		90-110	1		20
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1744312-4 WG1744312-5 QC Sample: L2307585-02 Client ID: MS Sample												
Cyanide, Total	ND	10	9.7	97		9.2	92		75-125	5		35
General Chemistry - Westborough Lab Associated sample(s): 18 QC Batch ID: WG1744559-4 WG1744559-5 QC Sample: L2307755-01 Client ID: MS Sample												
Cyanide, Total	0.005	0.2	0.208	101		0.214	104		80-120	3		20
General Chemistry - Westborough Lab Associated sample(s): 11,15 QC Batch ID: WG1745087-4 WG1745087-5 QC Sample: L2307270-15 Client ID: B402 (33-35)												
Cyanide, Total	ND	12	11	94		9.5	84		75-125	15		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2307270

Report Date: 03/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09,11,15 QC Batch ID: WG1743039-1 QC Sample: L2307270-15 Client ID: B402 (33-35)						
Solids, Total	80.8	80.3	%	1		20

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307270-01A	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-01B	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-01C	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-01D	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-01E	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-01F	Plastic 120ml unpreserved	D	7	7	4.2	Y	Absent		SO4-300(28)
L2307270-01G	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-01H	Plastic 250ml HNO3 preserved	D	<2	<2	4.2	Y	Absent		FE-6020T(180)
L2307270-01X	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)
L2307270-02A	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-02B	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-02C	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-02D	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-02E	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-02F	Plastic 120ml unpreserved	D	7	7	4.2	Y	Absent		SO4-300(28)
L2307270-02G	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-02H	Plastic 250ml HNO3 preserved	D	5	<2	4.2	N	Absent		FE-6020T(180)
L2307270-02X	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)
L2307270-03A	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-03B	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307270-03C	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-03D	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-03E	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-03F	Plastic 120ml unpreserved	D	7	7	4.2	Y	Absent		SO4-300(28)
L2307270-03G	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-03H	Plastic 250ml HNO3 preserved	D	5	<2	4.2	N	Absent		FE-6020T(180)
L2307270-03X	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)
L2307270-04A	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04A1	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04A2	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04B	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04B1	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04B2	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04C	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04C1	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04C2	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-04D	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-04E	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-04F	Plastic 120ml unpreserved	D	7	7	4.2	Y	Absent		SO4-300(28)
L2307270-04G	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-04G1	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-04G2	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-04H	Plastic 250ml HNO3 preserved	D	7	<2	4.2	N	Absent		FE-6020T(180)
L2307270-04H1	Plastic 250ml HNO3 preserved	D	7	<2	4.2	N	Absent		FE-6020T(180)
L2307270-04H2	Plastic 250ml HNO3 preserved	D	7	<2	4.2	N	Absent		FE-6020T(180)
L2307270-04X	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)
L2307270-04X1	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)
L2307270-04X2	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307270-05A	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-05B	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-05C	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-05D	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-05E	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-05F	Plastic 120ml unpreserved	D	7	7	4.2	Y	Absent		SO4-300(28)
L2307270-05G	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-05H	Plastic 250ml HNO3 preserved	D	<2	<2	4.2	Y	Absent		FE-6020T(180)
L2307270-05X	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)
L2307270-06A	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-06B	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-06C	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-06D	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-06E	20ml Vial HCl preserved	D	NA		4.2	Y	Absent		DISSGAS(14)
L2307270-06F	Plastic 120ml unpreserved	D	7	7	4.2	Y	Absent		SO4-300(28)
L2307270-06G	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-06H	Plastic 250ml HNO3 preserved	D	7	5	4.2	N	Absent		FE-6020T(180)
L2307270-06X	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)
L2307270-07A	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-07B	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-07C	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-07D	Plastic 250ml unpreserved	D	7	7	4.2	Y	Absent		-
L2307270-07E	Plastic 250ml HNO3 preserved	D	7	<2	4.2	N	Absent		FE-6020T(180)
L2307270-07X	Plastic 120ml HNO3 preserved Filtrates	D	NA		4.2	Y	Absent		FE-6020S(180)
L2307270-08A	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-08B	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-08C	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2307270-08D	Vial HCl preserved	D	NA		4.2	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307270-09A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2307270-09B	Vial water preserved	A	NA		3.5	Y	Absent	**10-FEB-23 10:09**	NYTCL-8260HLW-R2(14)
L2307270-09C	Vial water preserved	A	NA		3.5	Y	Absent	**10-FEB-23 10:09**	NYTCL-8260HLW-R2(14)
L2307270-09D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2307270-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2307270-09F	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(90)
L2307270-09G	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2307270-10A	Vial MeOH preserved	C	NA		5.1	Y	Absent		HOLD-8260HLW(14)
L2307270-10B	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-10C	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-10D	Plastic 2oz unpreserved for TS	C	NA		5.1	Y	Absent		HOLD-WETCHEM()
L2307270-10E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		HOLD-METAL(180)
L2307270-10F	Plastic 8oz unpreserved	C	NA		5.1	Y	Absent		HOLD-1633(90)
L2307270-10G	Glass 500ml/16oz unpreserved	C	NA		5.1	Y	Absent		HOLD-8151(14),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2307270-11A	Vial MeOH preserved	C	NA		5.1	Y	Absent		NYTCL-8260HLW-R2(14)
L2307270-11B	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	NYTCL-8260HLW-R2(14)
L2307270-11C	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	NYTCL-8260HLW-R2(14)
L2307270-11D	Plastic 2oz unpreserved for TS	C	NA		5.1	Y	Absent		TS(7)
L2307270-11E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2307270-11F	Plastic 8oz unpreserved	C	NA		5.1	Y	Absent		A2-1633-DRAFT(90)
L2307270-11G	Glass 500ml/16oz unpreserved	C	NA		5.1	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2307270-12A	Vial MeOH preserved	C	NA		5.1	Y	Absent		HOLD-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307270-12B	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-12C	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-12D	Plastic 2oz unpreserved for TS	C	NA		5.1	Y	Absent		HOLD-WETCHEM()
L2307270-12E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		HOLD-METAL(180)
L2307270-12F	Plastic 8oz unpreserved	C	NA		5.1	Y	Absent		HOLD-1633(90)
L2307270-12G	Glass 500ml/16oz unpreserved	C	NA		5.1	Y	Absent		HOLD-8151(14),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2307270-13A	Vial MeOH preserved	C	NA		5.1	Y	Absent		HOLD-8260HLW(14)
L2307270-13B	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-13C	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-13D	Plastic 2oz unpreserved for TS	C	NA		5.1	Y	Absent		HOLD-WETCHEM()
L2307270-13E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		HOLD-METAL(180)
L2307270-13F	Plastic 8oz unpreserved	C	NA		5.1	Y	Absent		HOLD-1633(90)
L2307270-13G	Glass 500ml/16oz unpreserved	C	NA		5.1	Y	Absent		HOLD-8151(14),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2307270-14A	Vial MeOH preserved	C	NA		5.1	Y	Absent		HOLD-8260HLW(14)
L2307270-14B	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-14C	Vial water preserved	C	NA		5.1	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-14D	Plastic 2oz unpreserved for TS	C	NA		5.1	Y	Absent		HOLD-WETCHEM()
L2307270-14E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		5.1	Y	Absent		HOLD-METAL(180)
L2307270-14F	Plastic 8oz unpreserved	C	NA		5.1	Y	Absent		HOLD-1633(90)
L2307270-14G	Glass 500ml/16oz unpreserved	C	NA		5.1	Y	Absent		HOLD-8151(14),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2307270-15A	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2307270-15A1	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2307270-15A2	Vial MeOH preserved	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2307270-15B	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	NYTCL-8260HLW-R2(14)
L2307270-15B1	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	NYTCL-8260HLW-R2(14)
L2307270-15B2	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	NYTCL-8260HLW-R2(14)
L2307270-15C	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307270-15C1	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	NYTCL-8260HLW-R2(14)
L2307270-15C2	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	NYTCL-8260HLW-R2(14)
L2307270-15D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2307270-15D1	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2307270-15D2	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2307270-15E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2307270-15E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2307270-15E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2307270-15F	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(90)
L2307270-15F1	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(90)
L2307270-15F2	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(90)
L2307270-15G	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2307270-15G1	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2307270-15G2	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2307270-16A	Vial MeOH preserved	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2307270-16B	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-16C	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-16D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2307270-16E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2307270-16F	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2307270-16G	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2307270-17A	Vial MeOH preserved	A	NA		3.5	Y	Absent		HOLD-8260HLW(14)
L2307270-17B	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-17C	Vial water preserved	A	NA		3.5	Y	Absent	10-FEB-23 10:09	HOLD-8260HLW(14)
L2307270-17D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		HOLD-WETCHEM()
L2307270-17E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		HOLD-METAL(180)
L2307270-17F	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		HOLD-1633(90)
L2307270-17G	Glass 500ml/16oz unpreserved	A	NA		3.5	Y	Absent		HOLD-8151(14),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2307270-18A	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2307270-18B	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2307270-18C	Vial HCl preserved	B	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2307270-18D	Plastic 250ml HNO3 preserved	B	<2	<2	3.5	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2307270-18E	Plastic 250ml NaOH preserved	B	>12	>12	3.5	Y	Absent		TCN-9010(14)
L2307270-18F	Amber 120ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2307270-18G	Amber 120ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2307270-18H	Amber 120ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2307270-18I	Amber 120ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2307270-18J	Amber 250ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-LVI(7)
L2307270-18K	Amber 250ml unpreserved	B	7	7	3.5	Y	Absent		NYTCL-8270-LVI(7)
L2307270-18L	Plastic 500ml unpreserved	B	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2307270-18M	Plastic 500ml unpreserved	B	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2307270-18N	Plastic 500ml unpreserved	B	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2307270-18O	Amber 1000ml unpreserved	B	7	7	3.5	Y	Absent		HERB-APA(7)
L2307270-18P	Amber 1000ml unpreserved	B	7	7	3.5	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2307270
Report Date: 03/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2307270
Report Date: 03/10/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2307270
Project Number:	2001642	**Report Date:**	03/10/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2307270
Project Number:	2001642	**Report Date:**	03/10/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 2/10/23

ALPHA Job #: L2307010

Client Information

Client: GEI
Address: 1301 Trumansburg Rd Suite N, Ithaca, NY 14850
Phone:
Fax:
Email: jholden@geiconsultants.com

Project Information

Project Name: Universal - Liverpool
Project Location: Liverpool, NY
Project #: 2001642
(Use Project name as Project #)
Project Manager: Jeff Holden
ALPHAQuote #:

Turn-Around Time

Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
send results to jholden@geiconsultants & wmoore@geiconsultants.

Please specify Metals or TAL.

Deliverables

ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement

NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information

Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SOM	Dissolved Metals	Total Metals	8260	Dissolved Gas				Sample Specific Comments	Total Bottles
07270 01	MW1-G	2/9/23	930	GW	BP	1	1	1	3	2					8
-02	MW2-G	2/7/23	1200	GW	BP	1	1	1	3	2					8
-03	MW3E-G	2/7/23	1545	GW	BP	1	1	1	3	2					8
-04	MW3 MW3I-G	2/8/23	1030	GW	BP	1	1	1	3	2					8
-04	MS. MW3I-G	2/8/23	1030	GW	BP	0	1	1	3	0				DF BS	5
-04	MSD. MW3I-G	2/8/23	1030	GW	BP	0	1	1	3	0				DF BS	5
-05	MW4S-G	2/8/23	1400	GW	BP	1	1	1	3	2					8
-06	MW4I-G	2/8/23	1045	GW	BP	1	1	1	3	2					8
-07	DUP01-020823	2/8/23	—	GW	BP	0	1	1	3	0				DF BS	5
-08	TRIP BLANK	2/9/23	1540	W	BP				2					Lab Filled	2

Container Type: P P P V V
Preservative: A A C B B

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Brenna Pratt	2/9/23 1900	[illegible]	2/9/23 1902
[illegible]	2/9/23 1902	[illegible]	2/9/23 1902
			2/10/23 0920

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 3

Date Rec'd in Lab: 2/10/23

ALPHA Job #: L2307270

Client Information
Client: GEI
Address: 1801 Trumansburg Rd Suite N Ithaca, NY 14850
Phone: [illegible]
Fax:
Email: jholden@geiconsultants.com

Project Information
Project Name: Unocal - Liverpool
Project Location: Liverpool
Project #: 2001042
(Use Project name as Project #)
Project Manager: Jeff Holden
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables
ASP-A / ASP-B
EQuIS (1 File) / EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS / NY Part 375
AWQ Standards / NY CP-51
NY Restricted Use / Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility: NJ / NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
Send results to wmoore@geiconsultants & jholden@geiconsultants.com.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration: Done / Lab to do
Preservation: Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	1,4-Dioxane, NYTCL-8260, TCL, NYTCL-8260, 8260	Total Hg Mercury	NJ-NY-1633	TS	NY TCL 8260				Sample Specific Comments	Total Bottles
67270-09	B402(0-5)	2/6/23	1130	S	BP	1	1	1	1	3					7
-10	B402(10-12)	2/9/23	845	S	BP	1	1	1	1	3				Hold	7
-11	B402 (14-16)	2/9/23	855	S	BP	1	1	1	1	3					7
-12	B402 (18-20)	2/9/23	915	S	BP	1	1	1	1	3				Hold	7
-13	B402 (20-25)	2/9/23	930	S	BP	1	1	1	1	3				Hold	7
-14	B402 (28-30)	2/9/23	950	S	BP	1	1	1	1	3				Hold	7
-15	B402 (33-35)	2/9/23	1010	S	BP	1	1	1	1	3					7
-16	B402 (35-40)	2/9/23	1045	S	BP	1	1	1	1	3				Hold	7
-17	DUP01-020923	2/9/23	—	S	BP	1	1	1	1	3				Hold	7
-15	MS/MSD - B402 (33-35)	2/9/23	1010	S	BP	2	2	2	2	6					14
					Container Type	A/G	A/G	P	P	V					
					Preservative	A	A	A	A	F+O					

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	2/9/23 1900	[signature] HAR	2/9/23 1902
[signature] SSSH	2/9/23 1902	[signature]	2/9/23 1902
[signature]	2/9/23 1902	[signature]	2/10/23 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 3 of 3

Date Rec'd in Lab: 2/10/23

ALPHA Job #: L2307200

Project Information
Project Name: Un: First Liverpool
Project Location: Liverpool, NY
Project #: 2001643
(Use Project name as Project #)
Project Manager: Jeff Holcomb
ALPHAQuote #:

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date:
# of Days:

Client Information
Client: GEI
Address: 1301 Trumansburg Rd
Suite N, Ithaca, NY 14850
Phone:
Fax:
Email: jholcomb@geiconsultants.com

Deliverables
ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8081, 8082	8270	Herb-APP	AZ-NY-1633	Total Hg (Low Level)	TCN	8260	Sample Specific Comments	Total Bottles
07070-18	Rinse Trip Blank	2/9/23	1600	W	BP	4	2	2	3	1	1	3		16

Container Type: A A A P P P V
Preservative: A A A A B E B

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Bacteria Rinse Trip Blank	2/9/23 1900		
	2/9/23 1902		2/9/23 1902
	2/9/23 1902		2/10/23 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2309361
Client:	GEI Consultants, Inc., P.C. 1301 Trumansburg Road Suite N Ithaca, NY 14850
ATTN:	Jeffrey Holden
Phone:	(607) 216-8955
Project Name:	UNIFIRST LIVERPOOL
Project Number:	2001642
Report Date:	02/27/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642

Lab Number: L2309361
Report Date: 02/27/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2309361-01	MW 5S	WATER	LIVERPOOL, NY	02/21/23 11:00	02/21/23
L2309361-02	MW 5I	WATER	LIVERPOOL, NY	02/21/23 12:00	02/21/23
L2309361-03	TRIP BLANK	WATER	LIVERPOOL, NY	02/21/23 00:00	02/21/23

Project Name:	UNIFIRST LIVERPOOL	**Lab Number:**	L2309361
Project Number:	2001642	**Report Date:**	02/27/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	UNIFIRST LIVERPOOL	**Lab Number:**	L2309361
Project Number:	2001642	**Report Date:**	02/27/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey – Tiffani Morrissey

Title: Technical Director/Representative Date: 02/27/23

ORGANICS

VOLATILES

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642
Lab Number: L2309361
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2309361-01 D
Client ID: MW 5S
Sample Location: LIVERPOOL, NY

Date Collected: 02/21/23 11:00
Date Received: 02/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/23/23 15:04
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	72		ug/l	2.0	0.64	4
Toluene	11		ug/l	10	2.8	4
Ethylbenzene	500		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	2.0	J	ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2309361

Project Number: 2001642 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2309361-01 D Date Collected: 02/21/23 11:00

Client ID: MW 5S Date Received: 02/21/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	40		ug/l	10	2.8	4
o-Xylene	11		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	54		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	230		ug/l	40	1.1	4
1,4-Dioxane	ND		ug/l	1000	240	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	160		ug/l	40	1.6	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	78		70-130

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642
Lab Number: L2309361
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2309361-02
Client ID: MW 5I
Sample Location: LIVERPOOL, NY

Date Collected: 02/21/23 12:00
Date Received: 02/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/23/23 15:27
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.30	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	1.4	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2309361

Project Number: 2001642 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2309361-02 Date Collected: 02/21/23 12:00

Client ID: MW 5I Date Received: 02/21/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.4	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	2.2	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642
Lab Number: L2309361
Report Date: 02/27/23

SAMPLE RESULTS

Lab ID: L2309361-03
Client ID: TRIP BLANK
Sample Location: LIVERPOOL, NY
Date Collected: 02/21/23 00:00
Date Received: 02/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/23/23 15:51
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2309361

Project Number: 2001642 **Report Date:** 02/27/23

SAMPLE RESULTS

Lab ID: L2309361-03 Date Collected: 02/21/23 00:00

Client ID: TRIP BLANK Date Received: 02/21/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: UNIFIRST LIVERPOOL **Lab Number:** L2309361

Project Number: 2001642 **Report Date:** 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/23/23 08:32
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1748326-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642
Lab Number: L2309361
Report Date: 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/23/23 08:32
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1748326-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642
Lab Number: L2309361
Report Date: 02/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/23/23 08:32
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1748326-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST LIVERPOOL

Project Number: 2001642

Lab Number: L2309361

Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1748326-3 WG1748326-4								
Methylene chloride	99		100		70-130	1		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	97		99		63-132	2		20
1,2-Dichloropropane	99		100		70-130	1		20
Dibromochloromethane	85		87		63-130	2		20
1,1,2-Trichloroethane	95		97		70-130	2		20
Tetrachloroethene	99		100		70-130	1		20
Chlorobenzene	98		100		75-130	2		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	91		95		67-130	4		20
trans-1,3-Dichloropropene	91		93		70-130	2		20
cis-1,3-Dichloropropene	92		93		70-130	1		20
Bromoform	75		76		54-136	1		20
1,1,2,2-Tetrachloroethane	87		90		67-130	3		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	97		100		39-139	3		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST LIVERPOOL

Project Number: 2001642

Lab Number: L2309361

Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1748326-3 WG1748326-4								
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	92		94		70-130	2		20
1,3-Dichlorobenzene	95		95		70-130	0		20
1,4-Dichlorobenzene	94		95		70-130	1		20
Methyl tert butyl ether	90		96		63-130	6		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	92		94		36-147	2		20
Acetone	81		83		58-148	2		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	90		98		63-138	9		20
4-Methyl-2-pentanone	84		92		59-130	9		20
2-Hexanone	92		96		57-130	4		20
Bromochloromethane	98		100		70-130	2		20
1,2-Dibromoethane	90		92		70-130	2		20
1,2-Dibromo-3-chloropropane	71		75		41-144	5		20
Isopropylbenzene	99		100		70-130	1		20
1,2,3-Trichlorobenzene	87		91		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST LIVERPOOL

Project Number: 2001642

Lab Number: L2309361

Report Date: 02/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1748326-3 WG1748326-4								
1,2,4-Trichlorobenzene	90		91		70-130	1		20
Methyl Acetate	94		96		70-130	2		20
Cyclohexane	110		120		70-130	9		20
1,4-Dioxane	104		106		56-162	2		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		112		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	103		104		70-130

Project Name: UNIFIRST LIVERPOOL
Project Number: 2001642

Lab Number: L2309361
Report Date: 02/27/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2309361-01A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2309361-01B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2309361-01C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2309361-02A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2309361-02B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2309361-02C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2309361-03A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2309361-03B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	UNIFIRST LIVERPOOL	**Lab Number:**	L2309361
Project Number:	2001642	**Report Date:**	02/27/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST LIVERPOOL	**Lab Number:**	L2309361
Project Number:	2001642	**Report Date:**	02/27/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST LIVERPOOL	**Lab Number:**	L2309361
Project Number:	2001642	**Report Date:**	02/27/23

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST LIVERPOOL	**Lab Number:**	L2309361
Project Number:	2001642	**Report Date:**	02/27/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 2/22/23

ALPHA Job #: L2309361

Client Information

Client: GEL Consultants
Address: 1301 Comanche Rd Suite #N
Phone: 607-216-8966
Fax:
Email: Wmoore@gelconsultants.com

Project Information

Project Name: Upstate Liverpool
Project Location: Liverpool NY
Project #: 2001642
(Use Project name as Project #)
Project Manager: Jeff Holden
ALPHAQuote #:

Turn-Around Time

Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables

ASP-A: ☐ ASP-B: ☒
EQuIS (1 File): ☐ EQuIS (4 File): ☐
Other: ☐

Regulatory Requirement

NY TOGS: ☐ NY Part 375: ☒
AWQ Standards: ☐ NY CP-51: ☒
NY Restricted Use: ☐ Other: ☐
NY Unrestricted Use: ☐
NYC Sewer Discharge: ☐

Billing Information

Same as Client Info: ☐
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
NJ: ☐ NY: ☒
Other: ☐

These samples have been previously analyzed by Alpha: ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NOC 8260	Sample Specific Comments
09361-01	MW5S	2/21/23	11:00	GW	JD	X	
-02	MW5T	2/21/23	12:00	GW	JD	X	
-03	Trip Blank	2/21/23	12:00	GW	JD	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
KE = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
	X	Jeff Holden Sup Sec St	2/21/23 1756
Jeff Holden Sup Sec St	2/21/23 1756	Jeff Holden Sup Sec St	2/21/23 1756
Jeff Holden Sup Sec St.	2/21/23 1756		2/22/23 0040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2338669
Client:	GEI Consultants, Inc., P.C. 1301 Trumansburg Road Suite N Ithaca, NY 14850
ATTN:	Wendy Moore
Phone:	(607) 216-8966
Project Name:	UNIFIRST - LIVERPOOL
Project Number:	2001642
Report Date:	07/26/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2338669-01	MW1	WATER	LIVERPOOL, NY	07/06/23 15:25	07/06/23
L2338669-02	MW2	WATER	LIVERPOOL, NY	07/06/23 09:45	07/06/23
L2338669-03	MW3S	WATER	LIVERPOOL, NY	07/06/23 12:05	07/06/23
L2338669-04	MW3I	WATER	LIVERPOOL, NY	07/06/23 09:55	07/06/23
L2338669-05	MW4S	WATER	LIVERPOOL, NY	07/06/23 14:55	07/06/23
L2338669-06	MW4I	WATER	LIVERPOOL, NY	07/06/23 12:25	07/06/23
L2338669-07	MW5S	WATER	LIVERPOOL, NY	07/05/23 12:25	07/06/23
L2338669-08	MW5I	WATER	LIVERPOOL, NY	07/05/23 14:35	07/06/23
L2338669-09	TP-6/7/23 (TRIP BLANK)	WATER	LIVERPOOL, NY	07/05/23 00:00	07/06/23

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2338669
Project Number:	2001642	**Report Date:**	07/26/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2338669
Project Number:	2001642	**Report Date:**	07/26/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2338669-07R/D: The analysis was performed utilizing a compromised vial.

Dissolved Gases

L2338669-01, -03, and -05: The samples were collected in pre-preserved vials; however, the pH of the samples were determined to be greater than two. The samples were analyzed within the method required holding time.

Dissolved Metals

The WG1801934-4 Laboratory Duplicate RPD for iron (56%), performed on L2338669-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 07/26/23

ORGANICS

VOLATILES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-01
Client ID: MW1
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 15:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/15/23 01:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	91		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	54		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.18	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.71	J	ug/l	2.5	0.70	1
Trichloroethene	27		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2338669
Project Number: 2001642
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-01
Client ID: MW1
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 15:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	130		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.41	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-01
Client ID: MW1
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 15:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/13/23 16:58
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	182		ug/l	2.00	2.00	1	A
Ethene	3.82		ug/l	0.500	0.500	1	A
Ethane	3.69		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-02
Client ID: MW2
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 09:45
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/17/23 23:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	150		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	9.8		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.79	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.27	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	18		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-02 Date Collected: 07/06/23 09:45

Client ID: MW2 Date Received: 07/06/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	38		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	102		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-02
Client ID: MW2
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 09:45
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/13/23 17:16
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	72.3		ug/l	2.00	2.00	1	A
Ethene	0.670		ug/l	0.500	0.500	1	A
Ethane	0.555		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 12:05
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/13/23 17:34
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	4630		ug/l	2.00	2.00	1	A
Ethene	3110		ug/l	0.500	0.500	1	A
Ethane	1050		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-03 D
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 12:05
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/15/23 02:24
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1200	350	500
1,1-Dichloroethane	ND		ug/l	1200	350	500
Chloroform	ND		ug/l	1200	350	500
Carbon tetrachloride	ND		ug/l	250	67.	500
1,2-Dichloropropane	ND		ug/l	500	68.	500
Dibromochloromethane	ND		ug/l	250	74.	500
1,1,2-Trichloroethane	ND		ug/l	750	250	500
Tetrachloroethene	41000		ug/l	250	90.	500
Chlorobenzene	ND		ug/l	1200	350	500
Trichlorofluoromethane	ND		ug/l	1200	350	500
1,2-Dichloroethane	ND		ug/l	250	66.	500
1,1,1-Trichloroethane	ND		ug/l	1200	350	500
Bromodichloromethane	ND		ug/l	250	96.	500
trans-1,3-Dichloropropene	ND		ug/l	250	82.	500
cis-1,3-Dichloropropene	ND		ug/l	250	72.	500
Bromoform	ND		ug/l	1000	320	500
1,1,2,2-Tetrachloroethane	ND		ug/l	250	84.	500
Benzene	ND		ug/l	250	80.	500
Toluene	ND		ug/l	1200	350	500
Ethylbenzene	ND		ug/l	1200	350	500
Chloromethane	ND		ug/l	1200	350	500
Bromomethane	ND		ug/l	1200	350	500
Vinyl chloride	12000		ug/l	500	36.	500
Chloroethane	ND		ug/l	1200	350	500
1,1-Dichloroethene	200	J	ug/l	250	84.	500
trans-1,2-Dichloroethene	ND		ug/l	1200	350	500
Trichloroethene	30000		ug/l	250	88.	500
1,2-Dichlorobenzene	ND		ug/l	1200	350	500

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-03 D Date Collected: 07/06/23 12:05

Client ID: MW3S Date Received: 07/06/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1200	350	500
1,4-Dichlorobenzene	ND		ug/l	1200	350	500
Methyl tert butyl ether	ND		ug/l	1200	350	500
p/m-Xylene	ND		ug/l	1200	350	500
o-Xylene	ND		ug/l	1200	350	500
cis-1,2-Dichloroethene	90000		ug/l	1200	350	500
Styrene	ND		ug/l	1200	350	500
Dichlorodifluoromethane	ND		ug/l	2500	500	500
Acetone	ND		ug/l	2500	730	500
Carbon disulfide	ND		ug/l	2500	500	500
2-Butanone	ND		ug/l	2500	970	500
4-Methyl-2-pentanone	ND		ug/l	2500	500	500
2-Hexanone	ND		ug/l	2500	500	500
Bromochloromethane	ND		ug/l	1200	350	500
1,2-Dibromoethane	ND		ug/l	1000	320	500
1,2-Dibromo-3-chloropropane	ND		ug/l	1200	350	500
Isopropylbenzene	ND		ug/l	1200	350	500
1,2,3-Trichlorobenzene	ND		ug/l	1200	350	500
1,2,4-Trichlorobenzene	ND		ug/l	1200	350	500
Methyl Acetate	ND		ug/l	1000	120	500
Cyclohexane	ND		ug/l	5000	140	500
1,4-Dioxane	ND		ug/l	120000	30000	500
Freon-113	ND		ug/l	1200	350	500
Methyl cyclohexane	ND		ug/l	5000	200	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 09:55
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/14/23 09:50
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	748		ug/l	2.00	2.00	1	A
Ethene	9.45		ug/l	0.500	0.500	1	A
Ethane	4.67		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-04 D
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 09:55
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/15/23 02:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	19		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	26		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	8.6	J	ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	18		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-04 D Date Collected: 07/06/23 09:55

Client ID: MW3I Date Received: 07/06/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	970		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 14:55
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/14/23 10:07
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	5610		ug/l	2.00	2.00	1	A
Ethene	60.4		ug/l	0.500	0.500	1	A
Ethane	578		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-05 D
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 14:55
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/15/23 03:13
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2500	700	1000
1,1-Dichloroethane	ND		ug/l	2500	700	1000
Chloroform	ND		ug/l	2500	700	1000
Carbon tetrachloride	ND		ug/l	500	130	1000
1,2-Dichloropropane	ND		ug/l	1000	140	1000
Dibromochloromethane	ND		ug/l	500	150	1000
1,1,2-Trichloroethane	ND		ug/l	1500	500	1000
Tetrachloroethene	120000		ug/l	500	180	1000
Chlorobenzene	ND		ug/l	2500	700	1000
Trichlorofluoromethane	ND		ug/l	2500	700	1000
1,2-Dichloroethane	ND		ug/l	500	130	1000
1,1,1-Trichloroethane	ND		ug/l	2500	700	1000
Bromodichloromethane	ND		ug/l	500	190	1000
trans-1,3-Dichloropropene	ND		ug/l	500	160	1000
cis-1,3-Dichloropropene	ND		ug/l	500	140	1000
Bromoform	ND		ug/l	2000	650	1000
1,1,2,2-Tetrachloroethane	ND		ug/l	500	170	1000
Benzene	ND		ug/l	500	160	1000
Toluene	ND		ug/l	2500	700	1000
Ethylbenzene	ND		ug/l	2500	700	1000
Chloromethane	ND		ug/l	2500	700	1000
Bromomethane	ND		ug/l	2500	700	1000
Vinyl chloride	1400		ug/l	1000	71.	1000
Chloroethane	ND		ug/l	2500	700	1000
1,1-Dichloroethene	ND		ug/l	500	170	1000
trans-1,2-Dichloroethene	ND		ug/l	2500	700	1000
Trichloroethene	7400		ug/l	500	180	1000
1,2-Dichlorobenzene	ND		ug/l	2500	700	1000

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-05 D Date Collected: 07/06/23 14:55

Client ID: MW4S Date Received: 07/06/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2500	700	1000
1,4-Dichlorobenzene	ND		ug/l	2500	700	1000
Methyl tert butyl ether	ND		ug/l	2500	700	1000
p/m-Xylene	ND		ug/l	2500	700	1000
o-Xylene	ND		ug/l	2500	700	1000
cis-1,2-Dichloroethene	16000		ug/l	2500	700	1000
Styrene	ND		ug/l	2500	700	1000
Dichlorodifluoromethane	ND		ug/l	5000	1000	1000
Acetone	ND		ug/l	5000	1500	1000
Carbon disulfide	ND		ug/l	5000	1000	1000
2-Butanone	ND		ug/l	5000	1900	1000
4-Methyl-2-pentanone	ND		ug/l	5000	1000	1000
2-Hexanone	ND		ug/l	5000	1000	1000
Bromochloromethane	ND		ug/l	2500	700	1000
1,2-Dibromoethane	ND		ug/l	2000	650	1000
1,2-Dibromo-3-chloropropane	ND		ug/l	2500	700	1000
Isopropylbenzene	ND		ug/l	2500	700	1000
1,2,3-Trichlorobenzene	ND		ug/l	2500	700	1000
1,2,4-Trichlorobenzene	ND		ug/l	2500	700	1000
Methyl Acetate	ND		ug/l	2000	230	1000
Cyclohexane	ND		ug/l	10000	270	1000
1,4-Dioxane	ND		ug/l	250000	61000	1000
Freon-113	ND		ug/l	2500	700	1000
Methyl cyclohexane	ND		ug/l	10000	400	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 12:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/14/23 10:25
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	1770		ug/l	2.00	2.00	1	A
Ethene	104		ug/l	0.500	0.500	1	A
Ethane	44.8		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-06 D
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 12:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/17/23 23:56
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.8	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	7700		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	8.4	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	360		ug/l	50	3.6	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	25		ug/l	25	8.4	50
trans-1,2-Dichloroethene	ND		ug/l	120	35.	50
Trichloroethene	2000		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-06 D Date Collected: 07/06/23 12:25

Client ID: MW4I Date Received: 07/06/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	3600		ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	ND		ug/l	500	14.	50
1,4-Dioxane	ND		ug/l	12000	3000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	ND		ug/l	500	20.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2338669
Project Number: 2001642
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-07 R/D
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 07/05/23 12:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/23 12:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	ND		ug/l	2.5	0.90	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	88		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-07 D
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 07/05/23 12:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/18/23 00:18
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	41		ug/l	2.5	0.80	5
Toluene	11	J	ug/l	12	3.5	5
Ethylbenzene	780		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	0.58	J	ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-07 D
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 07/05/23 12:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	42		ug/l	12	3.5	5
o-Xylene	8.3	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	100		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	270		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	180		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	91		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY
Date Collected: 07/05/23 14:35
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/15/23 04:27
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-08 Date Collected: 07/05/23 14:35

Client ID: MW5I Date Received: 07/06/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.38	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.65	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-09
Client ID: TP-6/7/23 (TRIP BLANK)
Sample Location: LIVERPOOL, NY
Date Collected: 07/05/23 00:00
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/15/23 04:52
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2338669
Project Number: 2001642
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-09
Client ID: TP-6/7/23 (TRIP BLANK)
Sample Location: LIVERPOOL, NY
Date Collected: 07/05/23 00:00
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 07/13/23 13:00
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-03 Batch: WG1802918-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 07/14/23 09:30
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 04-06 Batch: WG1803274-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/23 20:38
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05,08-09 Batch: WG1804087-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/23 20:38
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05,08-09 Batch: WG1804087-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/14/23 20:38
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05,08-09 Batch: WG1804087-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	106		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/18/23 08:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1804535-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/18/23 08:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1804535-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/18/23 08:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1804535-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/23 19:10
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06-07 Batch: WG1804751-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/23 19:10
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06-07 Batch: WG1804751-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/17/23 19:10
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,06-07 Batch: WG1804751-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 Batch: WG1802918-2									
Methane	103		-		80-120	-		25	A
Ethene	96		-		80-120	-		25	A
Ethane	97		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 04-06 Batch: WG1803274-2									
Methane	114		-		80-120	-		25	A
Ethene	108		-		80-120	-		25	A
Ethane	106		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05,08-09 Batch: WG1804087-3 WG1804087-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	96		95		70-130	1		20
Carbon tetrachloride	92		96		63-132	4		20
1,2-Dichloropropane	89		90		70-130	1		20
Dibromochloromethane	73		74		63-130	1		20
1,1,2-Trichloroethane	84		85		70-130	1		20
Tetrachloroethene	90		92		70-130	2		20
Chlorobenzene	94		96		75-130	2		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	91		91		70-130	0		20
1,1,1-Trichloroethane	96		97		67-130	1		20
Bromodichloromethane	85		87		67-130	2		20
trans-1,3-Dichloropropene	76		78		70-130	3		20
cis-1,3-Dichloropropene	88		87		70-130	1		20
Bromoform	73		73		54-136	0		20
1,1,2,2-Tetrachloroethane	86		87		67-130	1		20
Benzene	95		95		70-130	0		20
Toluene	95		98		70-130	3		20
Ethylbenzene	98		100		70-130	2		20
Chloromethane	99		94		64-130	5		20
Bromomethane	84		81		39-139	4		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05,08-09 Batch: WG1804087-3 WG1804087-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		99		70-130	1		20
Trichloroethene	92		93		70-130	1		20
1,2-Dichlorobenzene	94		94		70-130	0		20
1,3-Dichlorobenzene	96		97		70-130	1		20
1,4-Dichlorobenzene	95		95		70-130	0		20
Methyl tert butyl ether	83		86		63-130	4		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	99		95		36-147	4		20
Acetone	86		86		58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	73		87		63-138	18		20
4-Methyl-2-pentanone	76		80		59-130	5		20
2-Hexanone	77		86		57-130	11		20
Bromochloromethane	95		94		70-130	1		20
1,2-Dibromoethane	81		83		70-130	2		20
1,2-Dibromo-3-chloropropane	80		82		41-144	2		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	88		87		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05,08-09 Batch: WG1804087-3 WG1804087-4								
1,2,4-Trichlorobenzene	87		85		70-130	2		20
Methyl Acetate	85		87		70-130	2		20
Cyclohexane	99		100		70-130	1		20
1,4-Dioxane	86		84		56-162	2		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	98		99		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		94		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1804535-3 WG1804535-4								
Methylene chloride	100		98		70-130	2		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	98		96		70-130	2		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	92		90		70-130	2		20
Dibromochloromethane	77		75		63-130	3		20
1,1,2-Trichloroethane	83		81		70-130	2		20
Tetrachloroethene	99		96		70-130	3		20
Chlorobenzene	99		96		75-130	3		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	92		91		70-130	1		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	90		86		67-130	5		20
trans-1,3-Dichloropropene	76		74		70-130	3		20
cis-1,3-Dichloropropene	87		86		70-130	1		20
Bromoform	77		75		54-136	3		20
1,1,2,2-Tetrachloroethane	86		84		67-130	2		20
Benzene	99		95		70-130	4		20
Toluene	100		97		70-130	3		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	100		94		64-130	6		20
Bromomethane	64		62		39-139	3		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1804535-3 WG1804535-4								
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		98		70-130	2		20
1,2-Dichlorobenzene	95		93		70-130	2		20
1,3-Dichlorobenzene	100		97		70-130	3		20
1,4-Dichlorobenzene	99		95		70-130	4		20
Methyl tert butyl ether	81		79		63-130	3		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	97		90		36-147	7		20
Acetone	79		75		58-148	5		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	79		79		63-138	0		20
4-Methyl-2-pentanone	73		73		59-130	0		20
2-Hexanone	77		74		57-130	4		20
Bromochloromethane	97		91		70-130	6		20
1,2-Dibromoethane	80		79		70-130	1		20
1,2-Dibromo-3-chloropropane	82		77		41-144	6		20
Isopropylbenzene	110		100		70-130	10		20
1,2,3-Trichlorobenzene	87		84		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1804535-3 WG1804535-4								
1,2,4-Trichlorobenzene	86		83		70-130	4		20
Methyl Acetate	83		83		70-130	0		20
Cyclohexane	110		100		70-130	10		20
1,4-Dioxane	82		92		56-162	11		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	100		97		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06-07 Batch: WG1804751-3 WG1804751-4								
Methylene chloride	100		99		70-130	1		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	98		93		63-130	5		20
1,1,2-Trichloroethane	99		93		70-130	6		20
Tetrachloroethene	120		100		70-130	18		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		95		70-130	5		20
cis-1,3-Dichloropropene	100		98		70-130	2		20
Bromoform	93		89		54-136	4		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	110		99		64-130	11		20
Bromomethane	90		83		39-139	8		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06-07 Batch: WG1804751-3 WG1804751-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		98		70-130	12		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	110		98		70-130	12		20
1,4-Dichlorobenzene	110		98		70-130	12		20
Methyl tert butyl ether	95		96		63-130	1		20
p/m-Xylene	110		100		70-130	10		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	98		100		58-148	2		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	89		96		63-138	8		20
4-Methyl-2-pentanone	90		92		59-130	2		20
2-Hexanone	82		90		57-130	9		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		95		70-130	5		20
1,2-Dibromo-3-chloropropane	88		94		41-144	7		20
Isopropylbenzene	110		100		70-130	10		20
1,2,3-Trichlorobenzene	100		97		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,06-07 Batch: WG1804751-3 WG1804751-4								
1,2,4-Trichlorobenzene	100		95		70-130	5		20
Methyl Acetate	97		100		70-130	3		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	90		92		56-162	2		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		102		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	98		102		70-130

METALS

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2338669
Project Number: 2001642
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-01
Client ID: MW1
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 15:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	44.6		mg/l	0.0500	0.0090	1	07/13/23 00:34	07/23/23 19:16	EPA 3005A	1,6010D	DHL
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.294		mg/l	0.0500	0.0090	1	07/11/23 20:36	07/25/23 22:49	EPA 3005A	1,6010D	CEY

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-02
Client ID: MW2
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Water

Date Collected: 07/06/23 09:45
Date Received: 07/06/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	1.09		mg/l	0.0500	0.0090	1	07/13/23 00:34	07/23/23 19:21	EPA 3005A	1,6010D	DHL
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.842		mg/l	0.0500	0.0090	1	07/11/23 20:36	07/25/23 23:21	EPA 3005A	1,6010D	CEY

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2338669
Project Number: 2001642
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 12:05
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	44.4		mg/l	0.0500	0.0090	1	07/13/23 00:34	07/23/23 19:26	EPA 3005A	1,6010D	DHL
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	39.2		mg/l	0.0500	0.0090	1	07/11/23 20:36	07/25/23 23:26	EPA 3005A	1,6010D	CEY

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Water

Date Collected: 07/06/23 09:55
Date Received: 07/06/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	2.50		mg/l	0.0500	0.0090	1	07/13/23 00:34	07/23/23 19:32	EPA 3005A	1,6010D	DHL
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	1.91		mg/l	0.0500	0.0090	1	07/11/23 20:36	07/25/23 23:31	EPA 3005A	1,6010D	CEY

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Water

Date Collected: 07/06/23 14:55
Date Received: 07/06/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	57.1		mg/l	0.0500	0.0090	1	07/13/23 00:34	07/23/23 19:37	EPA 3005A	1,6010D	DHL
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.604		mg/l	0.0500	0.0090	1	07/11/23 20:36	07/25/23 23:35	EPA 3005A	1,6010D	CEY

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2338669
Project Number: 2001642
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY
Date Collected: 07/06/23 12:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Iron, Total	1.50		mg/l	0.0500	0.0090	1	07/13/23 00:34	07/23/23 19:42	EPA 3005A	1,6010D	DHL
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	1.23		mg/l	0.0500	0.0090	1	07/11/23 20:36	07/25/23 23:40	EPA 3005A	1,6010D	CEY

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2338669

Project Number: 2001642 **Report Date:** 07/26/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1801812-1										
Iron, Total	ND		mg/l	0.0500	0.0090	1	07/13/23 00:34	07/14/23 13:43	1,6010D	MRC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1801934-1										
Iron, Dissolved	ND		mg/l	0.0500	0.0090	1	07/11/23 20:36	07/25/23 22:34	1,6010D	CEY

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1801812-2								
Iron, Total	106		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1801934-2								
Iron, Dissolved	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1801812-3 QC Sample: L2339019-01 Client ID: MS Sample												
Iron, Total	ND	2	2.01	100		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1801934-3 QC Sample: L2338669-01 Client ID: MW1												
Iron, Dissolved	0.294	1	1.14	85		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1801934-4 QC Sample: L2338669-01 Client ID: MW1						
Iron, Dissolved	0.294	0.165	mg/l	**56**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-01
Client ID: MW1
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 15:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	140		mg/l	50	6.8	5	07/19/23 12:00	07/19/23 12:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-02
Client ID: MW2
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 09:45
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	28.		mg/l	10	1.4	1	07/19/23 12:00	07/19/23 12:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY
Sample Depth:
Matrix: Water

Date Collected: 07/06/23 12:05
Date Received: 07/06/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	46.		mg/l	20	2.7	2	07/19/23 12:00	07/19/23 12:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 09:55
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	120		mg/l	50	6.8	5	07/19/23 12:00	07/19/23 12:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 14:55
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	190		mg/l	100	14.	10	07/19/23 12:00	07/19/23 12:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

SAMPLE RESULTS

Lab ID: L2338669-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 07/06/23 12:25
Date Received: 07/06/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Sulfate	140		mg/l	50	6.8	5	07/19/23 12:00	07/19/23 12:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2338669
Report Date: 07/26/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1804940-1										
Sulfate	ND		mg/l	10	1.4	1	07/19/23 12:00	07/19/23 12:00	121,4500SO4-E	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1804940-2								
Sulfate	95		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1804940-4 QC Sample: L2340833-01 Client ID: MS Sample												
Sulfate	32.	40	71	98		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2338669

Report Date: 07/26/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1804940-3 QC Sample: L2340833-01 Client ID: DUP Sample						
Sulfate	32.	32	mg/l	0		14

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2338669-01A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-01B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-01C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-01D	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-01E	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-01F	Plastic 120ml unpreserved	A	7	7	3.3	Y	Absent		SO4-4500(28)
L2338669-01G	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-SI(180)
L2338669-01H	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-TI(180)
L2338669-02A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-02B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-02C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-02D	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-02E	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-02F	Plastic 120ml unpreserved	A	7	7	3.3	Y	Absent		SO4-4500(28)
L2338669-02G	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-SI(180)
L2338669-02H	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-TI(180)
L2338669-03A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-03B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-03C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-03D	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-03E	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-03F	Plastic 120ml unpreserved	A	7	7	3.3	Y	Absent		SO4-4500(28)
L2338669-03G	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-SI(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2338669-03H	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-TI(180)
L2338669-04A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-04B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-04C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-04D	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-04E	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-04F	Plastic 120ml unpreserved	A	7	7	3.3	Y	Absent		SO4-4500(28)
L2338669-04G	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-SI(180)
L2338669-04H	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-TI(180)
L2338669-05A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-05B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-05C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-05D	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-05E	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-05F	Plastic 120ml unpreserved	A	7	7	3.3	Y	Absent		SO4-4500(28)
L2338669-05G	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-SI(180)
L2338669-05H	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-TI(180)
L2338669-06A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-06B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-06C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-06D	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-06E	20ml Vial HCl preserved	A	NA		3.3	Y	Absent		DISSGAS(14)
L2338669-06F	Plastic 120ml unpreserved	A	7	7	3.3	Y	Absent		SO4-4500(28)
L2338669-06G	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-SI(180)
L2338669-06H	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		FE-TI(180)
L2338669-07A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-07B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-07C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2338669
Report Date: 07/26/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2338669-08A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-08B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-08C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-09A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)
L2338669-09B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2338669
Project Number:	2001642	**Report Date:**	07/26/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2338669
Project Number:	2001642	**Report Date:**	07/26/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2338669
Project Number:	2001642	**Report Date:**	07/26/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

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Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 7/7/23

ALPHA Job #: L2338669 (7/7/23)

Client Information
Client: GEI Consultants Inc
Address: 1301 Trumansburg Rd Suite N
Phone: 607-216-8966
Fax:
Email: wmoore@geiconsultants.com

Project Information
Project Name: Ontario Liverpool
Project Location: Liverpool NY
Project #: 2001692
(Use Project name as Project #)
Project Manager: Wendy Moore
ALPHAQuote #:

Turn-Around Time
Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Extra bottle ware given for MW5I, MW5S, return/dump/call/want tested

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOA list EPA 8260D	Dissolved Gases	Dissolved Iron EPA 200.7	Total Iron EPA 200.7	Dissolved TAL Metals EPA 200.7				Sample Specific Comments
38669-01	MW1	7/6/23	15:25	GW	JD	X	X	X	X	X				
-02	MW2	7/6	9:45			X	X	X	X	X				
-03	MW3S	7/6	12:05			X	X	X	X	X				
-04	MW3I	7/6	9:55			X	X	X	X	X				
-05	MW4S	7/6	14:55			X	X	X	X	X				
-06	MW4I	7/6	12:25			X	X	X	X	X				
-07	MW5S	7/5	11:25			X								
-08	MW5I	7/5	14:35	↓	↓	X								
-09	TP-6/7/23 (Trip blank)	6/7/23	12:00		JD									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	V	P	P	P				
Preservative	B	B	A	C	C				

Relinquished By:	Date/Time	Received By:	Date/Time
John Dillon	17:30 / 6/7/23	Secured Storage	6/8/23 17:38
Secured Storage	6/8/23 1800	Hebgen	6/8/23 1400
			7/7/23 0110

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2371128
Client:	GEI Consultants, Inc., P.C. 1301 Trumansburg Road Suite N Ithaca, NY 14850
ATTN:	Wendy Moore
Phone:	(607) 216-8966
Project Name:	UNIFIRST - LIVERPOOL
Project Number:	2001642
Report Date:	12/19/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2371128-01	MW1R	WATER	LIVERPOOL, NY	11/30/23 10:05	12/01/23
L2371128-02	MW2R	WATER	LIVERPOOL, NY	12/01/23 08:40	12/01/23
L2371128-03	MW3S	WATER	LIVERPOOL, NY	12/01/23 08:45	12/01/23
L2371128-04	MW3I	WATER	LIVERPOOL, NY	11/30/23 15:45	12/01/23
L2371128-05	MW4S	WATER	LIVERPOOL, NY	12/01/23 11:05	12/01/23
L2371128-06	MW4I	WATER	LIVERPOOL, NY	12/01/23 10:05	12/01/23
L2371128-07	MW5S	WATER	LIVERPOOL, NY	11/29/23 09:25	12/01/23
L2371128-08	MW5I	WATER	LIVERPOOL, NY	11/29/23 10:00	12/01/23
L2371128-09	MW6	WATER	LIVERPOOL, NY	11/28/23 15:05	12/01/23
L2371128-10	MW7	WATER	LIVERPOOL, NY	11/28/23 15:30	12/01/23
L2371128-11	MW8	WATER	LIVERPOOL, NY	11/29/23 09:40	12/01/23
L2371128-12	MW9S	WATER	LIVERPOOL, NY	11/29/23 11:50	12/01/23
L2371128-13	MW9I	WATER	LIVERPOOL, NY	11/29/23 15:50	12/01/23
L2371128-14	MW10	WATER	LIVERPOOL, NY	11/29/23 12:15	12/01/23
L2371128-15	MW11	WATER	LIVERPOOL, NY	11/29/23 16:00	12/01/23
L2371128-16	MW12S	WATER	LIVERPOOL, NY	11/30/23 10:35	12/01/23
L2371128-17	MW12I	WATER	LIVERPOOL, NY	11/30/23 12:30	12/01/23
L2371128-18	DUP-12.1.23	WATER	LIVERPOOL, NY	12/01/23 10:30	12/01/23
L2371128-19	MW13S	WATER	LIVERPOOL, NY	11/30/23 12:20	12/01/23
L2371128-20	MW13I	WATER	LIVERPOOL, NY	11/30/23 10:15	12/01/23
L2371128-21	RB-12.1.23	WATER	LIVERPOOL, NY	12/01/23 12:15	12/01/23
L2371128-22	TB-12.1.23	WATER	LIVERPOOL, NY	12/01/23 15:00	12/01/23
L2371128-23	FB	WATER	LIVERPOOL, NY	12/01/23 15:00	12/01/23

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2371128
Project Number:	2001642	**Report Date:**	12/19/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2371128
Project Number:	2001642	**Report Date:**	12/19/23

Case Narrative (continued)

Report Submission

December 19, 2023: This final report includes the results of all requested analyses.

December 12, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2371128-02: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3 to a pH <2.

L2371128-22: The Trip Blank was only analyzed for Volatile Organics. No containers were received for any other requested analysis.

L2371128-23: A sample identified as "FB" was received, but not listed on the Chain of Custody. At the client's request, this sample was not analyzed.

Volatile Organics

L2371128-05D2: The surrogate recovery for 4-bromofluorobenzene (144%) is outside the acceptance criteria; however, since the sample was non-detect for all target analytes associated with this surrogate, re-analysis was not required.

Dissolved Gases

L2371128-03 and -05: The samples were collected in pre-preserved vials; however, the pH of the samples was determined to be greater than two.

Semivolatile Organics by SIM

The WG1859056-1 Method Blank, associated with L2371128-07, -08, and -11 through -15, has a concentration above the reporting limit for naphthalene. Since the sample concentrations for L2371128-07 and

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128
Project Number: 2001642 **Report Date:** 12/19/23

Case Narrative (continued)

-11 through -15 are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B". L2371128-08 was re-extracted with the method required holding time exceeded and both the sample and WG1862199-1 Method Blank were non-detect to the RL for this target compound. The results of both extractions are reported and the original sample result is reported with a "B" qualifier.

Perfluorinated Alkyl Acids by Isotope Dilution
L2371128-01, -02, -03, -06, -07, -09 through -12, -14, -15, -18, -21, WG1862713-1, WG1862713-4, and WG1863357-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
L2371128-03, -05, and -11: The sample was centrifuged and decanted prior to extraction due to sample matrix.
The WG1862713-3/-4 MS/MSD recoveries, performed on L2371128-08, are outside the acceptance criteria for 1h,1h,2h,2h-perfluorooctanesulfonic acid (6:2fts) (9%/32%).

PCBs
L2371128-03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Pesticides
L2371128-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (600%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (10%) and decachlorobiphenyl (7%) due to interference with the Internal Standard.

Herbicides
L2371128-03: The internal standard (IS) response for 4,4'-DBOB (380%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. The surrogate recovery

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2371128
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Case Narrative (continued)

is outside the method acceptance criteria for dcaa (4%) due to interference with the Internal Standard.

Total Metals

L2371128-21: The initial analysis yielded a high Relative Standard Deviation (>30%) for calcium. Re-analysis confirmed the original result.

The WG1859957-3/-4 MS/MSD recoveries for calcium (130%/160%), iron (MSD 126%), magnesium (25%/60%), and sodium (0%/140%), performed on L2371128-08, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1860083-3 MS recoveries for calcium (30%) and sodium (40%), performed on L2371128-19, do not apply because the sample concentrations are greater than four times the spike amounts added.

Cyanide, Total

The WG1861003-4 MS recovery, performed on L2371128-08, is outside the acceptance criteria for cyanide, total (175%); however, the associated LCS recovery is within criteria. No further action was taken. The MS/MSD RPD is above the acceptance criteria for cyanide, total (59%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 12/19/23

ORGANICS

VOLATILES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/07/23 21:09
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.62		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	15		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	14		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.29	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01 Date Collected: 11/30/23 10:05

Client ID: MW1R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	0.92	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	14		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	3.2		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.57	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	114		70-130

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/05/23 07:42
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	203		ug/l	2.00	2.00	1	A
Ethene	4.05		ug/l	0.500	0.500	1	A
Ethane	0.890		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/07/23 21:33
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	42		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.2		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.18	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	17		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02 Date Collected: 12/01/23 08:40

Client ID: MW2R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	51		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/05/23 07:59
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	51.6		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/05/23 08:17
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	4510		ug/l	2.00	2.00	1	A
Ethene	4480	E	ug/l	0.500	0.500	1	A
Ethane	944		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03 D
Client ID: MW3S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 04:28
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2500	700	1000
1,1-Dichloroethane	ND		ug/l	2500	700	1000
Chloroform	ND		ug/l	2500	700	1000
Carbon tetrachloride	ND		ug/l	500	130	1000
1,2-Dichloropropane	ND		ug/l	1000	140	1000
Dibromochloromethane	ND		ug/l	500	150	1000
1,1,2-Trichloroethane	ND		ug/l	1500	500	1000
Tetrachloroethene	1400		ug/l	500	180	1000
Chlorobenzene	ND		ug/l	2500	700	1000
Trichlorofluoromethane	ND		ug/l	2500	700	1000
1,2-Dichloroethane	ND		ug/l	500	130	1000
1,1,1-Trichloroethane	ND		ug/l	2500	700	1000
Bromodichloromethane	ND		ug/l	500	190	1000
trans-1,3-Dichloropropene	ND		ug/l	500	160	1000
cis-1,3-Dichloropropene	ND		ug/l	500	140	1000
Bromoform	ND		ug/l	2000	650	1000
1,1,2,2-Tetrachloroethane	ND		ug/l	500	170	1000
Benzene	ND		ug/l	500	160	1000
Toluene	ND		ug/l	2500	700	1000
Ethylbenzene	ND		ug/l	2500	700	1000
Chloromethane	ND		ug/l	2500	700	1000
Bromomethane	ND		ug/l	2500	700	1000
Vinyl chloride	38000		ug/l	1000	71.	1000
Chloroethane	ND		ug/l	2500	700	1000
1,1-Dichloroethene	220	J	ug/l	500	170	1000
trans-1,2-Dichloroethene	ND		ug/l	2500	700	1000
Trichloroethene	650		ug/l	500	180	1000
1,2-Dichlorobenzene	ND		ug/l	2500	700	1000

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03 D Date Collected: 12/01/23 08:45

Client ID: MW3S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2500	700	1000
1,4-Dichlorobenzene	ND		ug/l	2500	700	1000
Methyl tert butyl ether	ND		ug/l	2500	700	1000
p/m-Xylene	ND		ug/l	2500	700	1000
o-Xylene	ND		ug/l	2500	700	1000
cis-1,2-Dichloroethene	190000		ug/l	2500	700	1000
Styrene	ND		ug/l	2500	700	1000
Dichlorodifluoromethane	ND		ug/l	5000	1000	1000
Acetone	ND		ug/l	5000	1500	1000
Carbon disulfide	ND		ug/l	5000	1000	1000
2-Butanone	ND		ug/l	5000	1900	1000
4-Methyl-2-pentanone	ND		ug/l	5000	1000	1000
2-Hexanone	ND		ug/l	5000	1000	1000
Bromochloromethane	ND		ug/l	2500	700	1000
1,2-Dibromoethane	ND		ug/l	2000	650	1000
1,2-Dibromo-3-chloropropane	ND		ug/l	2500	700	1000
Isopropylbenzene	ND		ug/l	2500	700	1000
1,2,3-Trichlorobenzene	ND		ug/l	2500	700	1000
1,2,4-Trichlorobenzene	ND		ug/l	2500	700	1000
Methyl Acetate	ND		ug/l	2000	230	1000
Cyclohexane	ND		ug/l	10000	270	1000
1,4-Dioxane	ND		ug/l	250000	61000	1000
Freon-113	ND		ug/l	2500	700	1000
Methyl cyclohexane	ND		ug/l	10000	400	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	115		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03 D
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/05/23 10:44
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Ethene	4250		ug/l	1.00	1.00	2	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/07/23 21:58
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	2.3		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	1.8	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	7.3		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.26	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.4		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04 Date Collected: 11/30/23 15:45

Client ID: MW3I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	140		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/06/23 13:47
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	277		ug/l	2.00	2.00	1	A
Ethene	1.11		ug/l	0.500	0.500	1	A
Ethane	1.31		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/05/23 08:53
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	6100		ug/l	2.00	2.00	1	A
Ethene	65.3		ug/l	0.500	0.500	1	A
Ethane	638		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05 D2
Client ID: MW4S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 09:05
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	140000		ug/l	1000	360	2000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	**144**	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05 D
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 02:51
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	500	140	200
1,1-Dichloroethane	ND		ug/l	500	140	200
Chloroform	ND		ug/l	500	140	200
Carbon tetrachloride	ND		ug/l	100	27.	200
1,2-Dichloropropane	ND		ug/l	200	27.	200
Dibromochloromethane	ND		ug/l	100	30.	200
1,1,2-Trichloroethane	ND		ug/l	300	100	200
Tetrachloroethene	87000	E	ug/l	100	36.	200
Chlorobenzene	ND		ug/l	500	140	200
Trichlorofluoromethane	ND		ug/l	500	140	200
1,2-Dichloroethane	ND		ug/l	100	26.	200
1,1,1-Trichloroethane	ND		ug/l	500	140	200
Bromodichloromethane	ND		ug/l	100	38.	200
trans-1,3-Dichloropropene	ND		ug/l	100	33.	200
cis-1,3-Dichloropropene	ND		ug/l	100	29.	200
Bromoform	ND		ug/l	400	130	200
1,1,2,2-Tetrachloroethane	ND		ug/l	100	33.	200
Benzene	ND		ug/l	100	32.	200
Toluene	ND		ug/l	500	140	200
Ethylbenzene	ND		ug/l	500	140	200
Chloromethane	ND		ug/l	500	140	200
Bromomethane	ND		ug/l	500	140	200
Vinyl chloride	870		ug/l	200	14.	200
Chloroethane	ND		ug/l	500	140	200
1,1-Dichloroethene	35	J	ug/l	100	34.	200
trans-1,2-Dichloroethene	ND		ug/l	500	140	200
Trichloroethene	5900		ug/l	100	35.	200
1,2-Dichlorobenzene	ND		ug/l	500	140	200

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05 D Date Collected: 12/01/23 11:05
Client ID: MW4S Date Received: 12/01/23
Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	500	140	200
1,4-Dichlorobenzene	ND		ug/l	500	140	200
Methyl tert butyl ether	ND		ug/l	500	140	200
p/m-Xylene	ND		ug/l	500	140	200
o-Xylene	ND		ug/l	500	140	200
cis-1,2-Dichloroethene	17000		ug/l	500	140	200
Styrene	ND		ug/l	500	140	200
Dichlorodifluoromethane	ND		ug/l	1000	200	200
Acetone	ND		ug/l	1000	290	200
Carbon disulfide	ND		ug/l	1000	200	200
2-Butanone	ND		ug/l	1000	390	200
4-Methyl-2-pentanone	ND		ug/l	1000	200	200
2-Hexanone	ND		ug/l	1000	200	200
Bromochloromethane	ND		ug/l	500	140	200
1,2-Dibromoethane	ND		ug/l	400	130	200
1,2-Dibromo-3-chloropropane	ND		ug/l	500	140	200
Isopropylbenzene	ND		ug/l	500	140	200
1,2,3-Trichlorobenzene	ND		ug/l	500	140	200
1,2,4-Trichlorobenzene	ND		ug/l	500	140	200
Methyl Acetate	ND		ug/l	400	47.	200
Cyclohexane	ND		ug/l	2000	54.	200
1,4-Dioxane	ND		ug/l	50000	12000	200
Freon-113	ND		ug/l	500	140	200
Methyl cyclohexane	ND		ug/l	2000	79.	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	106		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/05/23 09:11
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	2050		ug/l	2.00	2.00	1	A
Ethene	82.5		ug/l	0.500	0.500	1	A
Ethane	32.1		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06 D
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 03:15
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.8	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	720		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	8.4	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	330		ug/l	50	3.6	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	29		ug/l	25	8.4	50
trans-1,2-Dichloroethene	ND		ug/l	120	35.	50
Trichloroethene	2200		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06 D Date Collected: 12/01/23 10:05
Client ID: MW4I Date Received: 12/01/23
Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	6700		ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	ND		ug/l	500	14.	50
1,4-Dioxane	ND		ug/l	12000	3000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	ND		ug/l	500	20.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/06/23 13:29
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	2490		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	5.54		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07 D
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 10:39
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	19		ug/l	2.5	0.80	5
Toluene	7.4	J	ug/l	12	3.5	5
Ethylbenzene	600		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07 D Date Collected: 11/29/23 09:25

Client ID: MW5S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	30		ug/l	12	3.5	5
o-Xylene	6.9	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	96		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	200		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	120		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	86		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/07/23 22:22
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08 Date Collected: 11/29/23 10:00

Client ID: MW5I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.40	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 12/07/23 06:27
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	1660		ug/l	2.00	2.00	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY
Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/07/23 22:46
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09 Date Collected: 11/28/23 15:05

Client ID: MW6 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY
Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/07/23 23:11
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	4.7		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10 Date Collected: 11/28/23 15:30

Client ID: MW7 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	113		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/07/23 23:35
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11 Date Collected: 11/29/23 09:40

Client ID: MW8 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	116		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 00:00
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.41	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12 Date Collected: 11/29/23 11:50

Client ID: MW9S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 00:24
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13 Date Collected: 11/29/23 15:50

Client ID: MW9I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	114		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 00:48
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14 Date Collected: 11/29/23 12:15

Client ID: MW10 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	114		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 01:13
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.34	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.27	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15 Date Collected: 11/29/23 16:00

Client ID: MW11 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	114		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 01:37
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.50		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.47	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.61		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16 Date Collected: 11/30/23 10:35

Client ID: MW12S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	7.2		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	114		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 02:02
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17 Date Collected: 11/30/23 12:30

Client ID: MW12I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	115		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18 D
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 04:04
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.8	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	670		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	8.4	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	330		ug/l	50	3.6	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	26		ug/l	25	8.4	50
trans-1,2-Dichloroethene	ND		ug/l	120	35.	50
Trichloroethene	1900		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18 D Date Collected: 12/01/23 10:30
Client ID: DUP-12.1.23 Date Received: 12/01/23
Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	6000		ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	ND		ug/l	500	14.	50
1,4-Dioxane	ND		ug/l	12000	3000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	ND		ug/l	500	20.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 02:26
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.30	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19 Date Collected: 11/30/23 12:20

Client ID: MW13S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.3	J	ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	112		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 09:54
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20 Date Collected: 11/30/23 10:15

Client ID: MW13I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/08/23 10:16
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21 Date Collected: 12/01/23 12:15

Client ID: RB-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.6		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.3	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-22
Client ID: TB-12.1.23
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 15:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/07/23 20:44
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-22 Date Collected: 12/01/23 15:00

Client ID: TB-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	111		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 12/05/23 07:16
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-03,05-06 Batch: WG1859813-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 12/06/23 07:48
Analyst: SRO

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 04,07-08 Batch: WG1860403-3						
Methane	ND		ug/l	2.00	2.00	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/07/23 20:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08-19,22 Batch: WG1861391-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/07/23 20:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08-19,22 Batch: WG1861391-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/07/23 20:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,08-19,22 Batch: WG1861391-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/08/23 08:21
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1861505-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/08/23 08:21
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1861505-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/08/23 08:21
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1861505-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	102		70-130

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/08/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,20-21 Batch: WG1861535-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/08/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,20-21 Batch: WG1861535-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/08/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,20-21 Batch: WG1861535-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG1859813-2									
Methane	107		-		80-120	-		25	A
Ethene	100		-		80-120	-		25	A
Ethane	99		-		80-120	-		25	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 04,07-08 Batch: WG1860403-2									
Methane	97		-		80-120	-		25	A
Ethene	91		-		80-120	-		25	A
Ethane	89		-		80-120	-		25	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08-19,22 Batch: WG1861391-3 WG1861391-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	97		100		70-130	3		20
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	92		92		70-130	0		20
Dibromochloromethane	99		98		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	89		92		70-130	3		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	88		90		54-136	2		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	**62**	Q	**62**	Q	64-130	0		20
Bromomethane	100		100		39-139	0		20
Vinyl chloride	81		82		55-140	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08-19,22 Batch: WG1861391-3 WG1861391-4								
Chloroethane	96		100		55-138	4		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	62		63		36-147	2		20
Acetone	60		80		58-148	**29**	Q	20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	68		71		63-138	4		20
4-Methyl-2-pentanone	61		65		59-130	6		20
2-Hexanone	**56**	Q	60		57-130	7		20
Bromochloromethane	120		120		70-130	0		20
1,2-Dibromoethane	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	88		93		41-144	6		20
Isopropylbenzene	99		98		70-130	1		20
1,2,3-Trichlorobenzene	87		94		70-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08-19,22 Batch: WG1861391-3 WG1861391-4								
1,2,4-Trichlorobenzene	92		94		70-130	2		20
Methyl Acetate	**66**	Q	**69**	Q	70-130	4		20
Cyclohexane	77		79		70-130	3		20
1,4-Dioxane	106		118		56-162	11		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		93		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	93		92		70-130
Dibromofluoromethane	104		108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1861505-3 WG1861505-4								
Methylene chloride	100		94		70-130	6		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		95		70-130	5		20
Carbon tetrachloride	93		85		63-132	9		20
1,2-Dichloropropane	95		89		70-130	7		20
Dibromochloromethane	95		78		63-130	20		20
1,1,2-Trichloroethane	98		78		70-130	**23**	Q	20
Tetrachloroethene	110		80		70-130	**32**	Q	20
Chlorobenzene	120		110		75-130	9		20
Trichlorofluoromethane	80		95		62-150	17		20
1,2-Dichloroethane	91		92		70-130	1		20
1,1,1-Trichloroethane	95		88		67-130	8		20
Bromodichloromethane	87		84		67-130	4		20
trans-1,3-Dichloropropene	96		74		70-130	**26**	Q	20
cis-1,3-Dichloropropene	76		82		70-130	8		20
Bromoform	80		99		54-136	**21**	Q	20
1,1,2,2-Tetrachloroethane	87		110		67-130	**23**	Q	20
Benzene	99		92		70-130	7		20
Toluene	91		86		70-130	6		20
Ethylbenzene	120		100		70-130	18		20
Chloromethane	82		100		64-130	20		20
Bromomethane	72		95		39-139	**28**	Q	20
Vinyl chloride	79		90		55-140	13		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1861505-3 WG1861505-4								
Chloroethane	85		100		55-138	16		20
1,1-Dichloroethene	100		92		61-145	8		20
trans-1,2-Dichloroethene	100		94		70-130	6		20
Trichloroethene	92		84		70-130	9		20
1,2-Dichlorobenzene	120		110		70-130	9		20
1,3-Dichlorobenzene	120		110		70-130	9		20
1,4-Dichlorobenzene	120		110		70-130	9		20
Methyl tert butyl ether	71		73		63-130	3		20
p/m-Xylene	120		100		70-130	18		20
o-Xylene	105		125		70-130	17		20
cis-1,2-Dichloroethene	100		94		70-130	6		20
Styrene	105		125		70-130	17		20
Dichlorodifluoromethane	64		81		36-147	**23**	Q	20
Acetone	110		110		58-148	0		20
Carbon disulfide	110		94		51-130	16		20
2-Butanone	88		91		63-138	3		20
4-Methyl-2-pentanone	83		75		59-130	10		20
2-Hexanone	98		110		57-130	12		20
Bromochloromethane	95		92		70-130	3		20
1,2-Dibromoethane	96		85		70-130	12		20
1,2-Dibromo-3-chloropropane	97		110		41-144	13		20
Isopropylbenzene	97		110		70-130	13		20
1,2,3-Trichlorobenzene	120		110		70-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1861505-3 WG1861505-4								
1,2,4-Trichlorobenzene	120		110		70-130	9		20
Methyl Acetate	91		97		70-130	6		20
Cyclohexane	98		88		70-130	11		20
1,4-Dioxane	136		142		56-162	4		20
Freon-113	91		81		70-130	12		20
Methyl cyclohexane	89		80		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		97		70-130
Toluene-d8	89		91		70-130
4-Bromofluorobenzene	83		113		70-130
Dibromofluoromethane	95		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,20-21 Batch: WG1861535-3 WG1861535-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		99		63-130	1		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		98		70-130	2		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	100		96		62-150	4		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		99		67-130	1		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		110		70-130	0		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	100		99		64-130	1		20
Bromomethane	100		100		39-139	0		20
Vinyl chloride	99		94		55-140	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,20-21 Batch: WG1861535-3 WG1861535-4								
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	115		105		70-130	9		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	93		90		36-147	3		20
Acetone	100		100		58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	100		100		63-138	0		20
4-Methyl-2-pentanone	91		92		59-130	1		20
2-Hexanone	98		100		57-130	2		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	100		96		41-144	4		20
Isopropylbenzene	110		100		70-130	10		20
1,2,3-Trichlorobenzene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,20-21 Batch: WG1861535-3 WG1861535-4								
1,2,4-Trichlorobenzene	110		100		70-130	10		20
Methyl Acetate	100		100		70-130	0		20
Cyclohexane	100		95		70-130	5		20
1,4-Dioxane	108		120		56-162	11		20
Freon-113	100		98		70-130	2		20
Methyl cyclohexane	100		95		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	98		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*	*Column*
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG1859813-5 QC Sample: L2371128-02 Client ID: MW2R													
Methane	51.6	54.6	108	103		-	-		80-120	-		25	A
Ethene	ND	95.5	102	107		-	-		80-120	-		25	A
Ethane	ND	102	107	104		-	-		80-120	-		25	A

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,08-19,22 QC Batch ID: WG1861391-6 WG1861391-7 QC Sample: L2371128-08 Client ID: MW5I												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	10	100		10	100		70-130	0		20
Chloroform	ND	10	12	120		12	120		70-130	0		20
Carbon tetrachloride	ND	10	13	130		12	120		63-132	8		20
1,2-Dichloropropane	ND	10	9.7	97		9.1	91		70-130	6		20
Dibromochloromethane	ND	10	10	100		10	100		63-130	0		20
1,1,2-Trichloroethane	ND	10	11	110		10	100		70-130	10		20
Tetrachloroethene	ND	10	11	110		10	100		70-130	10		20
Chlorobenzene	ND	10	11	110		11	110		75-130	0		20
Trichlorofluoromethane	ND	10	13	130		12	120		62-150	8		20
1,2-Dichloroethane	ND	10	9.6	96		9.4	94		70-130	2		20
1,1,1-Trichloroethane	ND	10	13	130		12	120		67-130	8		20
Bromodichloromethane	ND	10	12	120		11	110		67-130	9		20
trans-1,3-Dichloropropene	ND	10	10	100		9.7	97		70-130	3		20
cis-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
Bromoform	ND	10	9.2	92		9.0	90		54-136	2		20
1,1,2,2-Tetrachloroethane	ND	10	10	100		10	100		67-130	0		20
Benzene	ND	10	12	120		12	120		70-130	0		20
Toluene	ND	10	11	110		11	110		70-130	0		20
Ethylbenzene	ND	10	12	120		11	110		70-130	9		20
Chloromethane	ND	10	6.7	67		6.5	65		64-130	3		20
Bromomethane	ND	10	8.9	89		8.8	88		39-139	1		20
Vinyl chloride	ND	10	9.1	91		8.8	88		55-140	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Client ID: MW5I	Associated sample(s): 01-06,08-19,22		QC Batch ID: WG1861391-6			WG1861391-7			QC Sample: L2371128-08			
Chloroethane	ND	10	11	110		10	100		55-138	10		20
1,1-Dichloroethene	ND	10	12	120		11	110		61-145	9		20
trans-1,2-Dichloroethene	ND	10	12	120		11	110		70-130	9		20
Trichloroethene	ND	10	12	120		11	110		70-130	9		20
1,2-Dichlorobenzene	ND	10	10	100		9.9	99		70-130	1		20
1,3-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
1,4-Dichlorobenzene	ND	10	10	100		10	100		70-130	0		20
Methyl tert butyl ether	ND	10	10	100		10	100		63-130	0		20
p/m-Xylene	ND	20	23	115		22	110		70-130	4		20
o-Xylene	ND	20	23	115		22	110		70-130	4		20
cis-1,2-Dichloroethene	ND	10	12	120		12	120		70-130	0		20
Styrene	ND	20	23	115		22	110		70-130	4		20
Dichlorodifluoromethane	ND	10	6.6	66		6.3	63		36-147	5		20
Acetone	ND	10	6.8	68		6.9	69		58-148	1		20
Carbon disulfide	ND	10	12	120		12	120		51-130	0		20
2-Butanone	ND	10	6.9	69		7.6	76		63-138	10		20
4-Methyl-2-pentanone	ND	10	6.4	64		6.3	63		59-130	2		20
2-Hexanone	ND	10	5.7	57		5.6	**56**	Q	57-130	2		20
Bromochloromethane	ND	10	12	120		12	120		70-130	0		20
1,2-Dibromoethane	ND	10	9.9	99		9.8	98		70-130	1		20
1,2-Dibromo-3-chloropropane	ND	10	9.4	94		9.6	96		41-144	2		20
Isopropylbenzene	ND	10	10	100		10	100		70-130	0		20
1,2,3-Trichlorobenzene	ND	10	9.3	93		9.6	96		70-130	3		20

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Client ID: MW5I	Associated sample(s): 01-06,08-19,22		QC Batch ID: WG1861391-6			WG1861391-7			QC Sample: L2371128-08			
1,2,4-Trichlorobenzene	ND	10	9.3	93		9.4	94		70-130	1		20
Methyl Acetate	ND	10	6.5	**65**	Q	6.3	**63**	Q	70-130	3		20
Cyclohexane	ND	10	8.7J	87		8.0J	80		70-130	8		20
1,4-Dioxane	ND	500	570	114		550	110		56-162	4		20
Freon-113	ND	10	12	120		11	110		70-130	9		20
Methyl cyclohexane	0.40J	10	12	120		11	110		70-130	9		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
4-Bromofluorobenzene	90		92		70-130
Dibromofluoromethane	107		106		70-130
Toluene-d8	97		97		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG1859813-4 QC Sample: L2371128-05 Client ID: MW4S							
Methane	6100	6330	ug/l	4		25	A
Ethene	65.3	63.1	ug/l	3		25	A
Ethane	638	671	ug/l	5		25	A

SEMIVOLATILES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/05/23 09:59
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01 Date Collected: 11/30/23 10:05

Client ID: MW1R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	75		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 15:28
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.4		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.36		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01 Date Collected: 11/30/23 10:05

Client ID: MW1R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		21-120
Phenol-d6	72		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	80		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 19:06
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.7		ng/l	1.88	0.383	1
Perfluoropentanoic Acid (PFPeA)	12.5		ng/l	1.88	0.371	1
Perfluorobutanesulfonic Acid (PFBS)	1.17	J	ng/l	1.88	0.223	1
Perfluorohexanoic Acid (PFHxA)	10.2		ng/l	1.88	0.308	1
Perfluoroheptanoic Acid (PFHpA)	3.34		ng/l	1.88	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	1.29	J	ng/l	1.88	0.353	1
Perfluorooctanoic Acid (PFOA)	6.32		ng/l	1.88	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.88	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.773	JF	ng/l	1.88	0.645	1
Perfluorononanoic Acid (PFNA)	2.52		ng/l	1.88	0.293	1
Perfluorooctanesulfonic Acid (PFOS)	22.4		ng/l	1.88	0.473	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.608	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.244	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.919	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.544	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.754	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.349	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.307	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.88	0.233	1
PFOA/PFOS, Total	28.7		ng/l	1.88	0.221	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01 Date Collected: 11/30/23 10:05

Client ID: MW1R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	69		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**53**	Q	62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	79		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	66		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**53**	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**61**	Q	69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**58**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	50		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	50		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	59		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	57		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	57		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 06:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02 Date Collected: 12/01/23 08:40

Client ID: MW2R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	68		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 03:00
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.12		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	58		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 19:22
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.26		ng/l	1.88	0.383	1
Perfluoropentanoic Acid (PFPeA)	6.14		ng/l	1.88	0.372	1
Perfluorobutanesulfonic Acid (PFBS)	1.14	J	ng/l	1.88	0.224	1
Perfluorohexanoic Acid (PFHxA)	4.66		ng/l	1.88	0.308	1
Perfluoroheptanoic Acid (PFHpA)	3.03		ng/l	1.88	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	2.80		ng/l	1.88	0.353	1
Perfluorooctanoic Acid (PFOA)	13.0		ng/l	1.88	0.222	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.25	J	ng/l	1.88	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.646	1
Perfluorononanoic Acid (PFNA)	1.08	JF	ng/l	1.88	0.293	1
Perfluorooctanesulfonic Acid (PFOS)	17.9		ng/l	1.88	0.473	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.608	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.244	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.920	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.545	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.755	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.349	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.307	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.88	0.233	1
PFOA/PFOS, Total	30.9		ng/l	1.88	0.222	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02 Date Collected: 12/01/23 08:40

Client ID: MW2R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	80		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	65		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	102		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**56**	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	75		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**59**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	54		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	52		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	66		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	59		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	33		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 06:59
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03 Date Collected: 12/01/23 08:45

Client ID: MW3S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	22.		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	150		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	64		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 03:16
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	48		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.07	J	ug/l	0.10	0.02	1
Pentachlorophenol	0.23	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	55		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 19:39
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	14.6		ng/l	2.00	0.407	1
Perfluoropentanoic Acid (PFPeA)	20.5		ng/l	2.00	0.395	1
Perfluorobutanesulfonic Acid (PFBS)	4.58		ng/l	2.00	0.238	1
Perfluorohexanoic Acid (PFHxA)	13.6		ng/l	2.00	0.327	1
Perfluoroheptanoic Acid (PFHpA)	8.50		ng/l	2.00	0.225	1
Perfluorohexanesulfonic Acid (PFHxS)	12.4	F	ng/l	2.00	0.375	1
Perfluorooctanoic Acid (PFOA)	17.2		ng/l	2.00	0.236	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.57	JF	ng/l	2.00	1.33	1
Perfluoroheptanesulfonic Acid (PFHpS)	3.05	F	ng/l	2.00	0.687	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.311	1
Perfluorooctanesulfonic Acid (PFOS)	10.1		ng/l	2.00	0.503	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.303	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.647	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.978	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.579	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.803	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.371	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248	1
PFOA/PFOS, Total	27.3		ng/l	2.00	0.236	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03 Date Collected: 12/01/23 08:45

Client ID: MW3S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	72		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	69		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	85		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**151**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	64		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	75		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	64		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	82		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	48		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	58		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	66		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 07:23
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04 Date Collected: 11/30/23 15:45

Client ID: MW3I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	83		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 15:44
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	72		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 19:55
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.59	J	ng/l	1.87	0.382	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.87	0.371	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.87	0.223	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.87	0.307	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.87	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.87	0.352	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.87	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.48	J	ng/l	1.87	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.87	0.644	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.87	0.292	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.87	0.472	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.87	0.284	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.87	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.87	0.607	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.87	0.243	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.87	0.917	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.87	0.543	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.87	0.753	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.87	0.348	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.87	0.306	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.87	0.232	1
PFOA/PFOS, Total	ND		ng/l	1.87	0.221	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04 Date Collected: 11/30/23 15:45

Client ID: MW3I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	76		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	112		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	81		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	73		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	43		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	49		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	76		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	58		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	57		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 07:46
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05 Date Collected: 12/01/23 11:05

Client ID: MW4S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	70		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 03:33
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.42		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.10		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	66		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 20:12
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	12.6		ng/l	1.94	0.395	1
Perfluoropentanoic Acid (PFPeA)	36.4		ng/l	1.94	0.383	1
Perfluorobutanesulfonic Acid (PFBS)	4.52		ng/l	1.94	0.230	1
Perfluorohexanoic Acid (PFHxA)	24.2		ng/l	1.94	0.318	1
Perfluoroheptanoic Acid (PFHpA)	15.9		ng/l	1.94	0.218	1
Perfluorohexanesulfonic Acid (PFHxS)	4.55		ng/l	1.94	0.364	1
Perfluorooctanoic Acid (PFOA)	37.5		ng/l	1.94	0.228	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.94	1.29	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.94	0.666	1
Perfluorononanoic Acid (PFNA)	3.61		ng/l	1.94	0.302	1
Perfluorooctanesulfonic Acid (PFOS)	12.9		ng/l	1.94	0.488	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.94	0.294	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.94	1.17	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.94	0.627	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.94	0.252	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.94	0.949	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.94	0.562	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.94	0.778	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.94	0.360	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.94	0.317	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.94	0.240	1
PFOA/PFOS, Total	50.4		ng/l	1.94	0.228	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05 Date Collected: 12/01/23 11:05

Client ID: MW4S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	66		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	112		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	63		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	76		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	32		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	52		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	73		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	47		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	69		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	61		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 08:10
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06 Date Collected: 12/01/23 10:05

Client ID: MW4I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	65		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 03:50
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	62		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 20:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.61	J	ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	3.19		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	0.906	J	ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.82	J	ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.634	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.464	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.597	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.903	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.534	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.740	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.301	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	ND		ng/l	1.84	0.217	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06 Date Collected: 12/01/23 10:05

Client ID: MW4I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	75		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**60**	Q	62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	82		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	72		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	67		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	60		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**67**	Q	69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**59**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	37		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	41		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	58		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	44		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	56		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/05/23 09:22
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07 Date Collected: 11/29/23 09:25

Client ID: MW5S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	51		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 15:51
Analyst: CMM
Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.34		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	20		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.06	J	ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.29		ug/l	0.10	0.01	1
Phenanthrene	0.19		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.04	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	7.4		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	51		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 20:45
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	18.1		ng/l	2.11	0.430	1
Perfluoropentanoic Acid (PFPeA)	37.4		ng/l	2.11	0.417	1
Perfluorobutanesulfonic Acid (PFBS)	4.84		ng/l	2.11	0.251	1
Perfluorohexanoic Acid (PFHxA)	25.2		ng/l	2.11	0.346	1
Perfluoroheptanoic Acid (PFHpA)	13.3		ng/l	2.11	0.237	1
Perfluorohexanesulfonic Acid (PFHxS)	7.38		ng/l	2.11	0.396	1
Perfluorooctanoic Acid (PFOA)	91.5		ng/l	2.11	0.249	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.95	J	ng/l	2.11	1.40	1
Perfluoroheptanesulfonic Acid (PFHpS)	1.30	JF	ng/l	2.11	0.725	1
Perfluorononanoic Acid (PFNA)	4.32		ng/l	2.11	0.329	1
Perfluorooctanesulfonic Acid (PFOS)	32.2		ng/l	2.11	0.531	1
Perfluorodecanoic Acid (PFDA)	0.468	J	ng/l	2.11	0.320	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.11	1.28	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.11	0.683	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.11	0.274	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.11	1.03	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.11	0.611	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.11	0.847	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.11	0.392	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.11	0.345	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.11	0.261	1
PFOA/PFOS, Total	124		ng/l	2.11	0.249	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07 Date Collected: 11/29/23 09:25

Client ID: MW5S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**61**	Q	62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**166**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	64		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**56**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	89		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	67		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	66		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	58		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/05/23 10:34
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08 Date Collected: 11/29/23 10:00

Client ID: MW5I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	80		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 16:08
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.14	B	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	72		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 21:02
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.46	J	ng/l	1.89	0.385	1
Perfluoropentanoic Acid (PFPeA)	0.472	J	ng/l	1.89	0.374	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.89	0.225	1
Perfluorohexanoic Acid (PFHxA)	0.430	JF	ng/l	1.89	0.310	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.89	0.212	1
Perfluorohexanesulfonic Acid (PFHxS)	0.483	J	ng/l	1.89	0.355	1
Perfluorooctanoic Acid (PFOA)	0.257	JF	ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	42.7		ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.649	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.89	0.294	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.89	0.476	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.287	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.612	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.89	0.245	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.925	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.547	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.89	0.759	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.351	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.309	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.234	1
PFOA/PFOS, Total	0.257	J	ng/l	1.89	0.223	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08 Date Collected: 11/29/23 10:00

Client ID: MW5I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	121		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	77		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	103		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	59		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	62		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	60		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	61		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	69		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	47		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	62		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	57		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08 RE
Client ID: MW5I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/12/23 09:51
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/11/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.08	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08 RE Date Collected: 11/29/23 10:00
Client ID: MW5I Date Received: 12/01/23
Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	68		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/08/23 01:34
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09 Date Collected: 11/28/23 15:05

Client ID: MW6 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	32		10-120
4-Terphenyl-d14	60		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 15:18
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.01	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.01	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09 Date Collected: 11/28/23 15:05

Client ID: MW6 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	51		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 21:51
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.31	J	ng/l	1.93	0.393	1
Perfluoropentanoic Acid (PFPeA)	0.717	J	ng/l	1.93	0.381	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.93	0.229	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.93	0.316	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.93	0.217	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.93	0.362	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.93	0.227	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.93	1.28	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.93	0.663	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.93	0.300	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.93	0.486	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.93	0.293	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.93	1.17	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.93	0.624	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.93	0.250	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.93	0.944	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.93	0.559	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.93	0.774	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.93	0.358	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.93	0.315	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.93	0.239	1
PFOA/PFOS, Total	ND		ng/l	1.93	0.227	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09 Date Collected: 11/28/23 15:05

Client ID: MW6 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	70		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	83		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	90		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	73		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**58**	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	72		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**59**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	34		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	42		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	64		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	41		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	55		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	48		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/08/23 01:56
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 16:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10 Date Collected: 11/28/23 15:30

Client ID: MW7 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	65		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 15:35
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 16:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.01	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.01	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10 Date Collected: 11/28/23 15:30

Client ID: MW7 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	56		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 22:08
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.16		ng/l	1.84	0.375	1
Perfluoropentanoic Acid (PFPeA)	1.73	J	ng/l	1.84	0.364	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	1.00	JF	ng/l	1.84	0.301	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.84	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.632	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.463	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.279	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.596	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.901	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.533	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.739	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.342	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.301	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	ND		ng/l	1.84	0.217	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10 Date Collected: 11/28/23 15:30

Client ID: MW7 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	68		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**56**	Q	62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	76		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	75		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	66		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**52**	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**61**	Q	69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**47**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	33		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	38		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**49**	Q	55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	24		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	42		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	54		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	52		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/05/23 10:58
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11 Date Collected: 11/29/23 09:40

Client ID: MW8 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	73		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 16:58
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.09	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.14	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	58		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 22:41
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.8		ng/l	1.89	0.386	1
Perfluoropentanoic Acid (PFPeA)	21.0		ng/l	1.89	0.375	1
Perfluorobutanesulfonic Acid (PFBS)	2.91		ng/l	1.89	0.225	1
Perfluorohexanoic Acid (PFHxA)	12.7		ng/l	1.89	0.310	1
Perfluoroheptanoic Acid (PFHpA)	8.44		ng/l	1.89	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.89	0.356	1
Perfluorooctanoic Acid (PFOA)	8.09		ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.651	1
Perfluorononanoic Acid (PFNA)	0.662	JF	ng/l	1.89	0.295	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.89	0.477	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.288	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.613	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.89	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.928	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.549	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.89	0.761	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.352	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.310	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.235	1
PFOA/PFOS, Total	8.09		ng/l	1.89	0.223	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11 Date Collected: 11/29/23 09:40

Client ID: MW8 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**51**	Q	62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	77		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	60		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	74		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	83		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**156**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	66		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	77		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	63		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	109		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	46		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	69		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	59		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	49		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	62		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 03:27
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12 Date Collected: 11/29/23 11:50

Client ID: MW9S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	32		10-120
4-Terphenyl-d14	53		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 17:14
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12 Date Collected: 11/29/23 11:50

Client ID: MW9S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	63		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 22:58
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.31		ng/l	2.05	0.419	1
Perfluoropentanoic Acid (PFPeA)	7.18		ng/l	2.05	0.406	1
Perfluorobutanesulfonic Acid (PFBS)	0.825	J	ng/l	2.05	0.244	1
Perfluorohexanoic Acid (PFHxA)	4.47		ng/l	2.05	0.337	1
Perfluoroheptanoic Acid (PFHpA)	2.22		ng/l	2.05	0.231	1
Perfluorohexanesulfonic Acid (PFHxS)	0.952	J	ng/l	2.05	0.386	1
Perfluorooctanoic Acid (PFOA)	5.54		ng/l	2.05	0.242	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.05	1.37	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.05	0.706	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.05	0.320	1
Perfluorooctanesulfonic Acid (PFOS)	8.14		ng/l	2.05	0.517	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.05	0.312	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.05	1.24	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.05	0.665	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.05	0.267	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.05	1.00	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.05	0.595	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.05	0.825	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.05	0.382	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.05	0.336	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.05	0.254	1
PFOA/PFOS, Total	13.7		ng/l	2.05	0.242	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12 Date Collected: 11/29/23 11:50

Client ID: MW9S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	82		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	69		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	71		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	116		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**55**	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	81		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**59**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	44		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	52		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	61		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	45		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	56		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	50		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 03:50
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13 Date Collected: 11/29/23 15:50

Client ID: MW9I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	32		10-120
4-Terphenyl-d14	86		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 17:31
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.07	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.14		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.07	J	ug/l	0.10	0.01	1
Acenaphthylene	0.01	J	ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.01	1
Pyrene	0.06	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	38		10-120
4-Terphenyl-d14	76		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 23:14
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.06		ng/l	1.94	0.396	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.94	0.384	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.94	0.231	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.94	0.318	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.94	0.218	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.94	0.364	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.94	0.229	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.37	J	ng/l	1.94	1.29	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.94	0.667	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.94	0.302	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.94	0.489	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.94	0.295	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.94	1.18	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.94	0.628	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.94	0.252	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.94	0.950	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.94	0.562	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.94	0.779	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.94	0.361	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.94	0.317	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.94	0.240	1
PFOA/PFOS, Total	ND		ng/l	1.94	0.229	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13 Date Collected: 11/29/23 15:50

Client ID: MW9I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	81		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	65		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	79		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	69		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	50		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	73		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	46		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	40		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	46		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 04:12
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14 Date Collected: 11/29/23 12:15

Client ID: MW10 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	69		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 17:47
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	JB	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	71		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 23:31
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.09		ng/l	1.88	0.383	1
Perfluoropentanoic Acid (PFPeA)	6.26		ng/l	1.88	0.372	1
Perfluorobutanesulfonic Acid (PFBS)	1.32	JF	ng/l	1.88	0.223	1
Perfluorohexanoic Acid (PFHxA)	3.92		ng/l	1.88	0.308	1
Perfluoroheptanoic Acid (PFHpA)	2.13		ng/l	1.88	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	1.85	J	ng/l	1.88	0.353	1
Perfluorooctanoic Acid (PFOA)	5.56		ng/l	1.88	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.64		ng/l	1.88	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.646	1
Perfluorononanoic Acid (PFNA)	0.563	J	ng/l	1.88	0.293	1
Perfluorooctanesulfonic Acid (PFOS)	6.43		ng/l	1.88	0.473	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.608	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.244	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.919	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.544	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.754	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.349	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.307	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.88	0.233	1
PFOA/PFOS, Total	12.0		ng/l	1.88	0.221	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14 Date Collected: 11/29/23 12:15

Client ID: MW10 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	63		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	77		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	80		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	76		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**166**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	61		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	71		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	64		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	46		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	64		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	49		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	54		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 04:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 20:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	2.9		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15 Date Collected: 11/29/23 16:00

Client ID: MW11 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	2.7		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	75		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 18:04
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	6.3		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	2.7		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	7.1		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.46		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.33		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.42		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.17		ug/l	0.10	0.01	1
Chrysene	0.36		ug/l	0.10	0.01	1
Acenaphthylene	0.43		ug/l	0.10	0.01	1
Anthracene	1.8		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.17		ug/l	0.10	0.01	1
Fluorene	5.0		ug/l	0.10	0.01	1
Phenanthrene	6.5		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.18		ug/l	0.10	0.01	1
Pyrene	1.8		ug/l	0.10	0.02	1
2-Methylnaphthalene	2.4		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15 Date Collected: 11/29/23 16:00

Client ID: MW11 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	71		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 23:47
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.06		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	3.47		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	1.16	J	ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	2.69		ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	1.86	F	ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	0.630	JF	ng/l	1.86	0.350	1
Perfluorooctanoic Acid (PFOA)	3.95		ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.641	1
Perfluorononanoic Acid (PFNA)	1.24	JF	ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	9.53		ng/l	1.86	0.470	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.283	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.914	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.541	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.749	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.347	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	13.5		ng/l	1.86	0.220	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15 Date Collected: 11/29/23 16:00

Client ID: MW11 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	63		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	66		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	104		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**55**	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	72		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	60		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	35		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	56		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	39		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	59		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	48		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 08:34
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16 Date Collected: 11/30/23 10:35

Client ID: MW12S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	77		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 16:16
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.52		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.42		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.17		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.31		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.62		ug/l	0.10	0.01	1
Phenanthrene	1.3		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.35		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.13		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	81		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/18/23 00:04
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.65		ng/l	1.87	0.381	1
Perfluoropentanoic Acid (PFPeA)	6.97		ng/l	1.87	0.370	1
Perfluorobutanesulfonic Acid (PFBS)	2.48		ng/l	1.87	0.222	1
Perfluorohexanoic Acid (PFHxA)	5.11		ng/l	1.87	0.306	1
Perfluoroheptanoic Acid (PFHpA)	3.02		ng/l	1.87	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	0.998	J	ng/l	1.87	0.351	1
Perfluorooctanoic Acid (PFOA)	5.35	F	ng/l	1.87	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.87	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.87	0.643	1
Perfluorononanoic Acid (PFNA)	1.20	JF	ng/l	1.87	0.292	1
Perfluorooctanesulfonic Acid (PFOS)	10.3		ng/l	1.87	0.471	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.87	0.284	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.87	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.87	0.605	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.87	0.243	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.87	0.916	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.87	0.542	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.87	0.751	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.87	0.348	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.87	0.306	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.87	0.232	1
PFOA/PFOS, Total	15.7		ng/l	1.87	0.220	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16 Date Collected: 11/30/23 10:35

Client ID: MW12S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	144		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	59		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	81		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	71		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	53		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	68		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 08:57
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17 Date Collected: 11/30/23 12:30

Client ID: MW12I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	85		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 16:32
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.05	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.07	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.07	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.10		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.06	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	80		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/18/23 00:21
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.913	J	ng/l	1.90	0.388	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.90	0.377	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.90	0.226	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.90	0.312	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.90	0.214	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.90	0.358	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.90	0.224	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.90	1.27	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.90	0.654	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.90	0.297	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.90	0.479	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.90	0.289	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.90	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.90	0.616	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.90	0.247	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.90	0.932	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.90	0.552	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.90	0.765	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.90	0.354	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.90	0.311	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.90	0.236	1
PFOA/PFOS, Total	ND		ng/l	1.90	0.224	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17 Date Collected: 11/30/23 12:30

Client ID: MW12I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	74		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	75		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	62		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	71		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	64		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	53		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	65		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	44		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	48		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	55		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 09:21
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18 Date Collected: 12/01/23 10:30

Client ID: DUP-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	65		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 04:07
Analyst: DV
Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Chrysene	0.05	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	56		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/18/23 00:37
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.63	J	ng/l	1.84	0.375	1
Perfluoropentanoic Acid (PFPeA)	3.69		ng/l	1.84	0.364	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	0.916	J	ng/l	1.84	0.301	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.84	0.207	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.38		ng/l	1.84	1.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.632	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.84	0.287	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.84	0.463	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.279	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.11	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.596	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.239	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.901	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.533	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.739	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.342	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.301	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	ND		ng/l	1.84	0.217	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18 Date Collected: 12/01/23 10:30

Client ID: DUP-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	76		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	62		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	73		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	81		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	59		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	74		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**61**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	57		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	66		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	49		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 09:45
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19 Date Collected: 11/30/23 12:20

Client ID: MW13S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	78		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 16:48
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1.0		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.48		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.04	J	ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.08	J	ug/l	0.10	0.01	1
Phenanthrene	0.09	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.04	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	77		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/18/23 00:54
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.97		ng/l	1.96	0.400	1
Perfluoropentanoic Acid (PFPeA)	14.1		ng/l	1.96	0.388	1
Perfluorobutanesulfonic Acid (PFBS)	2.96		ng/l	1.96	0.233	1
Perfluorohexanoic Acid (PFHxA)	13.1		ng/l	1.96	0.321	1
Perfluoroheptanoic Acid (PFHpA)	3.96		ng/l	1.96	0.221	1
Perfluorohexanesulfonic Acid (PFHxS)	0.972	J	ng/l	1.96	0.368	1
Perfluorooctanoic Acid (PFOA)	5.86		ng/l	1.96	0.231	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.01		ng/l	1.96	1.30	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.96	0.674	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.96	0.306	1
Perfluorooctanesulfonic Acid (PFOS)	3.41		ng/l	1.96	0.494	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.96	0.298	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.96	1.19	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.96	0.635	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.96	0.255	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.96	0.960	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.96	0.568	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.96	0.788	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.96	0.365	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.96	0.321	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.96	0.243	1
PFOA/PFOS, Total	9.27		ng/l	1.96	0.231	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19 Date Collected: 11/30/23 12:20

Client ID: MW13S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	66		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	120		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	59		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	72		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	65		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	76		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	71		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	39		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	67		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/07/23 16:46
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20 Date Collected: 11/30/23 10:15

Client ID: MW13I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	84		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 17:05
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.35		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.01	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.10	J	ug/l	0.10	0.01	1
Phenanthrene	0.18		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.10		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	68		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/18/23 01:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.548	J	ng/l	1.89	0.385	1
Perfluoropentanoic Acid (PFPeA)	0.472	J	ng/l	1.89	0.374	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.89	0.225	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.89	0.310	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.89	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.89	0.355	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.650	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.89	0.295	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.89	0.476	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.287	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.612	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.89	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.926	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.548	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.89	0.759	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.351	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.309	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.234	1
PFOA/PFOS, Total	ND		ng/l	1.89	0.223	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20 Date Collected: 11/30/23 10:15

Client ID: MW13I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	81		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	73		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	75		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	68		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	69		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	48		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	49		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	74		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	40		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	48		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	68		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	57		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/06/23 04:56
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21 Date Collected: 12/01/23 12:15

Client ID: RB-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	1.6	J	ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	66		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 04:23
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21 Date Collected: 12/01/23 12:15

Client ID: RB-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	58		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/16/23 10:03
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/13/23 10:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.88	0.384	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.88	0.373	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.88	0.224	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.88	0.309	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.88	0.212	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.88	0.354	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.88	0.222	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.88	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.648	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.88	0.294	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.88	0.475	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.286	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.610	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.245	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.923	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.546	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.757	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.350	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.308	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.88	0.234	1
PFOA/PFOS, Total	ND		ng/l	1.88	0.222	1

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21 Date Collected: 12/01/23 12:15

Client ID: RB-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	**169**	Q	58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**204**	Q	62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**191**	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**197**	Q	57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**163**	Q	60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**170**	Q	71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**165**	Q	62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**154**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**178**	Q	59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**169**	Q	69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**166**	Q	62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	160		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	109		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**169**	Q	55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	111		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**165**	Q	27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**157**	Q	48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	123		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/05/23 00:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 11:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1858983-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/05/23 00:40
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 11:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1858983-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	35		10-120
4-Terphenyl-d14	77		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/03/23 08:30
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 12:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-10 Batch: WG1858984-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.05	J	ug/l	0.10	0.05
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01
Chrysene	0.01	J	ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/03/23 08:30
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 12:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-10 Batch: WG1858984-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	80		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/04/23 23:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08,11-15 Batch: WG1859049-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/04/23 23:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08,11-15 Batch: WG1859049-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	77		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/04/23 19:49
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-08,11-15 Batch: WG1859056-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.22		ug/l	0.10	0.05
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01
Chrysene	0.02	J	ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/04/23 19:49
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 19:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-08,11-15 Batch: WG1859056-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	58		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/06/23 02:17
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,16-17,19-20 Batch: WG1859265-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/06/23 02:17
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,16-17,19-20 Batch: WG1859265-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	84		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 14:56
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,04,16-17,19-20 Batch: WG1859266-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/08/23 14:56
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 23:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,04,16-17,19-20 Batch: WG1859266-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	78		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/05/23 12:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 02:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-06,18,21 Batch: WG1859736-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/05/23 12:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 02:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-06,18,21 Batch: WG1859736-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	68		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/06/23 10:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 02:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-03,05-06,18,21 Batch: WG1859738-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/06/23 10:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/05/23 02:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-03,05-06,18,21 Batch: WG1859738-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	77		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/12/23 08:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/11/23 05:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08 Batch: WG1862199-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/12/23 08:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/11/23 05:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08 Batch: WG1862199-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	78		41-149

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 18:33
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-20 Batch: WG1862713-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/17/23 18:33
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/12/23 08:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-20 Batch: WG1862713-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	83		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**132**	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	120		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	118		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	85		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	51		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	58		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	54		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	81		22-136

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/16/23 09:30
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/13/23 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21 Batch: WG1863357-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/16/23 09:30
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/13/23 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21 Batch: WG1863357-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	113		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	130		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	126		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	117		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	115		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	124		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	114		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	114		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	81		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	112		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	99		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1858983-2 WG1858983-3								
Bis(2-chloroethyl)ether	81		58		40-140	**33**	Q	30
3,3'-Dichlorobenzidine	55		51		40-140	8		30
2,4-Dinitrotoluene	85		63		48-143	30		30
2,6-Dinitrotoluene	92		64		40-140	**36**	Q	30
4-Chlorophenyl phenyl ether	94		69		40-140	**31**	Q	30
4-Bromophenyl phenyl ether	97		68		40-140	**35**	Q	30
Bis(2-chloroisopropyl)ether	68		48		40-140	**34**	Q	30
Bis(2-chloroethoxy)methane	86		62		40-140	**32**	Q	30
Hexachlorocyclopentadiene	55		**36**	Q	40-140	**42**	Q	30
Isophorone	84		61		40-140	**32**	Q	30
Nitrobenzene	78		56		40-140	**33**	Q	30
NDPA/DPA	92		69		40-140	29		30
n-Nitrosodi-n-propylamine	86		62		29-132	**32**	Q	30
Bis(2-ethylhexyl)phthalate	92		65		40-140	**34**	Q	30
Butyl benzyl phthalate	87		66		40-140	27		30
Di-n-butylphthalate	91		64		40-140	**35**	Q	30
Di-n-octylphthalate	85		63		40-140	30		30
Diethyl phthalate	92		66		40-140	**33**	Q	30
Dimethyl phthalate	94		66		40-140	**35**	Q	30
Biphenyl	98		68		40-140	**36**	Q	30
4-Chloroaniline	55		45		40-140	20		30
2-Nitroaniline	90		66		52-143	**31**	Q	30
3-Nitroaniline	77		58		25-145	28		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1858983-2 WG1858983-3								
4-Nitroaniline	81		63		51-143	25		30
Dibenzofuran	93		68		40-140	**31**	Q	30
1,2,4,5-Tetrachlorobenzene	99		66		2-134	**40**	Q	30
Acetophenone	89		63		39-129	**34**	Q	30
2,4,6-Trichlorophenol	102		69		30-130	**39**	Q	30
p-Chloro-m-cresol	89		66		23-97	30		30
2-Chlorophenol	81		58		27-123	**33**	Q	30
2,4-Dichlorophenol	91		67		30-130	30		30
2,4-Dimethylphenol	34		38		30-130	11		30
2-Nitrophenol	86		62		30-130	**32**	Q	30
4-Nitrophenol	66		46		10-80	**36**	Q	30
2,4-Dinitrophenol	91		64		20-130	**35**	Q	30
4,6-Dinitro-o-cresol	101		73		20-164	**32**	Q	30
Phenol	71		50		12-110	**35**	Q	30
2-Methylphenol	76		60		30-130	24		30
3-Methylphenol/4-Methylphenol	84		64		30-130	27		30
2,4,5-Trichlorophenol	101		72		30-130	**34**	Q	30
Carbazole	89		66		55-144	30		30
Atrazine	101		73		40-140	**32**	Q	30
Benzaldehyde	84		61		40-140	**32**	Q	30
Caprolactam	35		26		10-130	30		30
2,3,4,6-Tetrachlorophenol	94		66		40-140	**35**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1858983-2 WG1858983-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		50		21-120
Phenol-d6	65		45		10-120
Nitrobenzene-d5	79		57		23-120
2-Fluorobiphenyl	90		61		15-120
2,4,6-Tribromophenol	86		66		10-120
4-Terphenyl-d14	95		67		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-10 Batch: WG1858984-2 WG1858984-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Acenaphthene	94		68		40-140	32		40
2-Chloronaphthalene	89		63		40-140	34		40
Fluoranthene	108		84		40-140	25		40
Hexachlorobutadiene	70		49		40-140	35		40
Naphthalene	85		60		40-140	34		40
Benzo(a)anthracene	104		79		40-140	27		40
Benzo(a)pyrene	107		81		40-140	28		40
Benzo(b)fluoranthene	113		90		40-140	23		40
Benzo(k)fluoranthene	113		81		40-140	33		40
Chrysene	99		75		40-140	28		40
Acenaphthylene	98		70		40-140	33		40
Anthracene	106		80		40-140	28		40
Benzo(ghi)perylene	106		82		40-140	26		40
Fluorene	98		72		40-140	31		40
Phenanthrene	99		75		40-140	28		40
Dibenzo(a,h)anthracene	114		88		40-140	26		40
Indeno(1,2,3-cd)pyrene	119		92		40-140	26		40
Pyrene	108		85		40-140	24		40
2-Methylnaphthalene	92		65		40-140	34		40
Pentachlorophenol	96		68		40-140	34		40
Hexachlorobenzene	88		66		40-140	29		40
Hexachloroethane	74		52		40-140	35		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-10 Batch: WG1858984-2 WG1858984-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		59		21-120
Phenol-d6	82		55		10-120
Nitrobenzene-d5	106		74		23-120
2-Fluorobiphenyl	89		63		15-120
2,4,6-Tribromophenol	100		73		10-120
4-Terphenyl-d14	96		76		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,11-15 Batch: WG1859049-2 WG1859049-3								
Bis(2-chloroethyl)ether	63		58		40-140	8		30
3,3'-Dichlorobenzidine	60		53		40-140	12		30
2,4-Dinitrotoluene	59		54		48-143	9		30
2,6-Dinitrotoluene	62		56		40-140	10		30
4-Chlorophenyl phenyl ether	65		59		40-140	10		30
4-Bromophenyl phenyl ether	67		60		40-140	11		30
Bis(2-chloroisopropyl)ether	54		50		40-140	8		30
Bis(2-chloroethoxy)methane	62		58		40-140	7		30
Hexachlorocyclopentadiene	**39**	Q	**35**	Q	40-140	11		30
Isophorone	64		58		40-140	10		30
Nitrobenzene	63		56		40-140	12		30
NDPA/DPA	67		60		40-140	11		30
n-Nitrosodi-n-propylamine	64		58		29-132	10		30
Bis(2-ethylhexyl)phthalate	70		60		40-140	15		30
Butyl benzyl phthalate	65		57		40-140	13		30
Di-n-butylphthalate	62		55		40-140	12		30
Di-n-octylphthalate	67		60		40-140	11		30
Diethyl phthalate	63		58		40-140	8		30
Dimethyl phthalate	62		57		40-140	8		30
Biphenyl	68		61		40-140	11		30
4-Chloroaniline	**38**	Q	**32**	Q	40-140	17		30
2-Nitroaniline	66		60		52-143	10		30
3-Nitroaniline	54		50		25-145	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,11-15 Batch: WG1859049-2 WG1859049-3								
4-Nitroaniline	63		58		51-143	8		30
Dibenzofuran	67		61		40-140	9		30
1,2,4,5-Tetrachlorobenzene	70		63		2-134	11		30
Acetophenone	68		62		39-129	9		30
2,4,6-Trichlorophenol	72		63		30-130	13		30
p-Chloro-m-cresol	66		58		23-97	13		30
2-Chlorophenol	65		59		27-123	10		30
2,4-Dichlorophenol	67		62		30-130	8		30
2,4-Dimethylphenol	47		42		30-130	11		30
2-Nitrophenol	65		60		30-130	8		30
4-Nitrophenol	44		41		10-80	7		30
2,4-Dinitrophenol	42		44		20-130	5		30
4,6-Dinitro-o-cresol	47		47		20-164	0		30
Phenol	54		48		12-110	12		30
2-Methylphenol	64		59		30-130	8		30
3-Methylphenol/4-Methylphenol	64		56		30-130	13		30
2,4,5-Trichlorophenol	69		61		30-130	12		30
Carbazole	62		56		55-144	10		30
Atrazine	70		60		40-140	15		30
Benzaldehyde	69		64		40-140	8		30
Caprolactam	23		21		10-130	9		30
2,3,4,6-Tetrachlorophenol	67		60		40-140	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,11-15 Batch: WG1859049-2 WG1859049-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		54		21-120
Phenol-d6	53		46		10-120
Nitrobenzene-d5	66		57		23-120
2-Fluorobiphenyl	66		57		15-120
2,4,6-Tribromophenol	63		55		10-120
4-Terphenyl-d14	65		55		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08,11-15 Batch: WG1859056-2 WG1859056-3								
Acenaphthene	61		63		40-140	3		40
2-Chloronaphthalene	60		62		40-140	3		40
Fluoranthene	76		75		40-140	1		40
Hexachlorobutadiene	52		53		40-140	2		40
Naphthalene	60		62		40-140	3		40
Benzo(a)anthracene	72		75		40-140	4		40
Benzo(a)pyrene	73		73		40-140	0		40
Benzo(b)fluoranthene	79		80		40-140	1		40
Benzo(k)fluoranthene	72		71		40-140	1		40
Chrysene	67		64		40-140	5		40
Acenaphthylene	64		66		40-140	3		40
Anthracene	71		73		40-140	3		40
Benzo(ghi)perylene	74		77		40-140	4		40
Fluorene	64		65		40-140	2		40
Phenanthrene	66		68		40-140	3		40
Dibenzo(a,h)anthracene	81		84		40-140	4		40
Indeno(1,2,3-cd)pyrene	86		90		40-140	5		40
Pyrene	77		75		40-140	3		40
2-Methylnaphthalene	62		64		40-140	3		40
Pentachlorophenol	**34**	Q	**33**	Q	40-140	3		40
Hexachlorobenzene	60		62		40-140	3		40
Hexachloroethane	56		59		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08,11-15 Batch: WG1859056-2 WG1859056-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		66		21-120
Phenol-d6	60		59		10-120
Nitrobenzene-d5	81		81		23-120
2-Fluorobiphenyl	63		63		15-120
2,4,6-Tribromophenol	75		75		10-120
4-Terphenyl-d14	72		70		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,16-17,19-20 Batch: WG1859265-2 WG1859265-3								
Bis(2-chloroethyl)ether	61		72		40-140	17		30
3,3'-Dichlorobenzidine	71		59		40-140	18		30
2,4-Dinitrotoluene	83		83		48-143	0		30
2,6-Dinitrotoluene	72		77		40-140	7		30
4-Chlorophenyl phenyl ether	63		66		40-140	5		30
4-Bromophenyl phenyl ether	65		68		40-140	5		30
Bis(2-chloroisopropyl)ether	65		76		40-140	16		30
Bis(2-chloroethoxy)methane	66		72		40-140	9		30
Hexachlorocyclopentadiene	46		51		40-140	10		30
Isophorone	61		70		40-140	14		30
Nitrobenzene	70		80		40-140	13		30
NDPA/DPA	67		69		40-140	3		30
n-Nitrosodi-n-propylamine	64		75		29-132	16		30
Bis(2-ethylhexyl)phthalate	99		94		40-140	5		30
Butyl benzyl phthalate	86		80		40-140	7		30
Di-n-butylphthalate	76		77		40-140	1		30
Di-n-octylphthalate	99		89		40-140	11		30
Diethyl phthalate	74		77		40-140	4		30
Dimethyl phthalate	67		72		40-140	7		30
Biphenyl	60		66		40-140	10		30
4-Chloroaniline	43		46		40-140	7		30
2-Nitroaniline	77		83		52-143	8		30
3-Nitroaniline	73		67		25-145	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,16-17,19-20 Batch: WG1859265-2 WG1859265-3								
4-Nitroaniline	82		78		51-143	5		30
Dibenzofuran	64		68		40-140	6		30
1,2,4,5-Tetrachlorobenzene	54		61		2-134	12		30
Acetophenone	58		68		39-129	16		30
2,4,6-Trichlorophenol	69		71		30-130	3		30
p-Chloro-m-cresol	71		75		23-97	5		30
2-Chlorophenol	60		73		27-123	20		30
2,4-Dichlorophenol	67		73		30-130	9		30
2,4-Dimethylphenol	43		50		30-130	15		30
2-Nitrophenol	78		93		30-130	18		30
4-Nitrophenol	**89**	Q	**86**	Q	10-80	3		30
2,4-Dinitrophenol	98		98		20-130	0		30
4,6-Dinitro-o-cresol	99		102		20-164	3		30
Phenol	51		60		12-110	16		30
2-Methylphenol	59		67		30-130	13		30
3-Methylphenol/4-Methylphenol	65		71		30-130	9		30
2,4,5-Trichlorophenol	69		73		30-130	6		30
Carbazole	74		72		55-144	3		30
Atrazine	85		91		40-140	7		30
Benzaldehyde	67		79		40-140	16		30
Caprolactam	36		37		10-130	3		30
2,3,4,6-Tetrachlorophenol	71		69		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,16-17,19-20 Batch: WG1859265-2 WG1859265-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		68		21-120
Phenol-d6	48		57		10-120
Nitrobenzene-d5	70		79		23-120
2-Fluorobiphenyl	59		66		15-120
2,4,6-Tribromophenol	72		75		10-120
4-Terphenyl-d14	70		67		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,04,16-17,19-20 Batch: WG1859266-2 WG1859266-3								
Acenaphthene	67		67		40-140	0		40
2-Chloronaphthalene	63		64		40-140	2		40
Fluoranthene	81		72		40-140	12		40
Hexachlorobutadiene	52		57		40-140	9		40
Naphthalene	60		65		40-140	8		40
Benzo(a)anthracene	88		79		40-140	11		40
Benzo(a)pyrene	92		81		40-140	13		40
Benzo(b)fluoranthene	94		85		40-140	10		40
Benzo(k)fluoranthene	87		76		40-140	13		40
Chrysene	80		72		40-140	11		40
Acenaphthylene	69		70		40-140	1		40
Anthracene	82		77		40-140	6		40
Benzo(ghi)perylene	93		84		40-140	10		40
Fluorene	70		68		40-140	3		40
Phenanthrene	76		71		40-140	7		40
Dibenzo(a,h)anthracene	99		89		40-140	11		40
Indeno(1,2,3-cd)pyrene	110		97		40-140	13		40
Pyrene	80		70		40-140	13		40
2-Methylnaphthalene	65		68		40-140	5		40
Pentachlorophenol	66		70		40-140	6		40
Hexachlorobenzene	67		64		40-140	5		40
Hexachloroethane	56		64		40-140	13		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,04,16-17,19-20 Batch: WG1859266-2 WG1859266-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	62		69		21-120
Phenol-d6	58		62		10-120
Nitrobenzene-d5	80		86		23-120
2-Fluorobiphenyl	64		66		15-120
2,4,6-Tribromophenol	78		70		10-120
4-Terphenyl-d14	72		62		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-06,18,21 Batch: WG1859736-2 WG1859736-3								
Bis(2-chloroethyl)ether	77		57		40-140	30		30
3,3'-Dichlorobenzidine	63		50		40-140	23		30
2,4-Dinitrotoluene	74		56		48-143	28		30
2,6-Dinitrotoluene	78		59		40-140	28		30
4-Chlorophenyl phenyl ether	77		59		40-140	26		30
4-Bromophenyl phenyl ether	73		58		40-140	23		30
Bis(2-chloroisopropyl)ether	63		47		40-140	29		30
Bis(2-chloroethoxy)methane	76		56		40-140	30		30
Hexachlorocyclopentadiene	55		42		40-140	27		30
Isophorone	75		56		40-140	29		30
Nitrobenzene	75		56		40-140	29		30
NDPA/DPA	80		60		40-140	29		30
n-Nitrosodi-n-propylamine	78		59		29-132	28		30
Bis(2-ethylhexyl)phthalate	67		50		40-140	29		30
Butyl benzyl phthalate	73		56		40-140	26		30
Di-n-butylphthalate	70		51		40-140	**31**	Q	30
Di-n-octylphthalate	66		50		40-140	28		30
Diethyl phthalate	75		56		40-140	29		30
Dimethyl phthalate	79		58		40-140	**31**	Q	30
Biphenyl	82		62		40-140	28		30
4-Chloroaniline	50		**37**	Q	40-140	30		30
2-Nitroaniline	78		62		52-143	23		30
3-Nitroaniline	73		52		25-145	**34**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-06,18,21 Batch: WG1859736-2 WG1859736-3								
4-Nitroaniline	75		58		51-143	26		30
Dibenzofuran	80		61		40-140	27		30
1,2,4,5-Tetrachlorobenzene	84		65		2-134	26		30
Acetophenone	81		61		39-129	28		30
2,4,6-Trichlorophenol	84		63		30-130	29		30
p-Chloro-m-cresol	76		58		23-97	27		30
2-Chlorophenol	77		56		27-123	**32**	Q	30
2,4-Dichlorophenol	82		59		30-130	**33**	Q	30
2,4-Dimethylphenol	55		41		30-130	29		30
2-Nitrophenol	82		60		30-130	**31**	Q	30
4-Nitrophenol	50		36		10-80	**33**	Q	30
2,4-Dinitrophenol	78		59		20-130	28		30
4,6-Dinitro-o-cresol	88		71		20-164	21		30
Phenol	56		42		12-110	29		30
2-Methylphenol	73		52		30-130	**34**	Q	30
3-Methylphenol/4-Methylphenol	73		53		30-130	**32**	Q	30
2,4,5-Trichlorophenol	87		66		30-130	27		30
Carbazole	79		58		55-144	**31**	Q	30
Atrazine	85		63		40-140	30		30
Benzaldehyde	85		64		40-140	28		30
Caprolactam	30		22		10-130	**31**	Q	30
2,3,4,6-Tetrachlorophenol	83		62		40-140	29		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-06,18,21 Batch: WG1859736-2 WG1859736-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		46		21-120
Phenol-d6	53		38		10-120
Nitrobenzene-d5	76		56		23-120
2-Fluorobiphenyl	73		57		15-120
2,4,6-Tribromophenol	72		56		10-120
4-Terphenyl-d14	77		57		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-03,05-06,18,21 Batch: WG1859738-2 WG1859738-3								
Acenaphthene	78		58		40-140	29		40
2-Chloronaphthalene	74		57		40-140	26		40
Fluoranthene	91		67		40-140	30		40
Hexachlorobutadiene	64		50		40-140	25		40
Naphthalene	75		58		40-140	26		40
Benzo(a)anthracene	88		66		40-140	29		40
Benzo(a)pyrene	89		67		40-140	28		40
Benzo(b)fluoranthene	93		74		40-140	23		40
Benzo(k)fluoranthene	92		65		40-140	34		40
Chrysene	82		62		40-140	28		40
Acenaphthylene	80		62		40-140	25		40
Anthracene	88		66		40-140	29		40
Benzo(ghi)perylene	89		67		40-140	28		40
Fluorene	80		60		40-140	29		40
Phenanthrene	83		62		40-140	29		40
Dibenzo(a,h)anthracene	96		74		40-140	26		40
Indeno(1,2,3-cd)pyrene	101		76		40-140	28		40
Pyrene	90		66		40-140	31		40
2-Methylnaphthalene	76		60		40-140	24		40
Pentachlorophenol	87		67		40-140	26		40
Hexachlorobenzene	76		59		40-140	25		40
Hexachloroethane	70		54		40-140	26		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-03,05-06,18,21 Batch: WG1859738-2 WG1859738-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		49		21-120
Phenol-d6	58		45		10-120
Nitrobenzene-d5	94		73		23-120
2-Fluorobiphenyl	74		58		15-120
2,4,6-Tribromophenol	88		68		10-120
4-Terphenyl-d14	82		62		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08 Batch: WG1862199-2 WG1862199-3								
Acenaphthene	71		81		40-140	13		40
2-Chloronaphthalene	62		70		40-140	12		40
Fluoranthene	77		88		40-140	13		40
Hexachlorobutadiene	54		64		40-140	17		40
Naphthalene	63		72		40-140	13		40
Benzo(a)anthracene	80		92		40-140	14		40
Benzo(a)pyrene	82		92		40-140	11		40
Benzo(b)fluoranthene	85		99		40-140	15		40
Benzo(k)fluoranthene	81		91		40-140	12		40
Chrysene	76		84		40-140	10		40
Acenaphthylene	66		74		40-140	11		40
Anthracene	80		91		40-140	13		40
Benzo(ghi)perylene	85		94		40-140	10		40
Fluorene	72		81		40-140	12		40
Phenanthrene	75		85		40-140	13		40
Dibenzo(a,h)anthracene	91		103		40-140	12		40
Indeno(1,2,3-cd)pyrene	95		106		40-140	11		40
Pyrene	77		88		40-140	13		40
2-Methylnaphthalene	65		74		40-140	13		40
Pentachlorophenol	76		81		40-140	6		40
Hexachlorobenzene	66		76		40-140	14		40
Hexachloroethane	64		75		40-140	16		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08 Batch: WG1862199-2 WG1862199-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		75		21-120
Phenol-d6	60		67		10-120
Nitrobenzene-d5	85		95		23-120
2-Fluorobiphenyl	63		71		15-120
2,4,6-Tribromophenol	72		81		10-120
4-Terphenyl-d14	67		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-20 Batch: WG1862713-2								
Perfluorobutanoic Acid (PFBA)	91		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	90		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	89		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	93		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	89		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	88		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	92		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	89		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	94		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	90		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	87		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	88		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	123		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	92		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	97		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	79		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	88		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	91		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	99		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	102		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-20 Batch: WG1862713-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	81				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	115				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	76				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	42				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	64				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	80				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	70				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	79				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
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Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21 Batch: WG1863357-2								
Perfluorobutanoic Acid (PFBA)	90		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	87		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	92		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	98		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	99		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	100		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	97		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	95		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	99		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	94		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	110		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	101		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	105		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	99		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	86		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	101		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	130		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	109		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21 Batch: WG1863357-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	128				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	139				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**135**	Q			70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**133**	Q			57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	122				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	123				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	125				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	135				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	128				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**129**	Q			62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	86				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	123				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**115**	Q			10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	102				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	120				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	94				22-136

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,11-15 QC Batch ID: WG1859049-6 WG1859049-7 QC Sample: L2371128-08 Client ID: MW5I												
Bis(2-chloroethyl)ether	ND	18.2	16	88		15	83		40-140	6		30
3,3'-Dichlorobenzidine	ND	18.2	6.9	**38**	Q	10	55		40-140	**37**	Q	30
2,4-Dinitrotoluene	ND	18.2	16	88		16	88		48-143	0		30
2,6-Dinitrotoluene	ND	18.2	17	94		16	88		40-140	6		30
4-Chlorophenyl phenyl ether	ND	18.2	13	72		14	77		40-140	7		30
4-Bromophenyl phenyl ether	ND	18.2	14	77		14	77		40-140	0		30
Bis(2-chloroisopropyl)ether	ND	18.2	17	94		17	94		40-140	0		30
Bis(2-chloroethoxy)methane	ND	18.2	16	88		16	88		40-140	0		30
Hexachlorocyclopentadiene	ND	18.2	9.8J	54		10.J	55		40-140	2		30
Isophorone	ND	18.2	16	88		16	88		40-140	0		30
Nitrobenzene	ND	18.2	17	94		17	94		40-140	0		30
NDPA/DPA	ND	18.2	14	77		13	72		40-140	7		30
n-Nitrosodi-n-propylamine	ND	18.2	16	88		16	88		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	18.2	20	110		20	110		40-140	0		30
Butyl benzyl phthalate	ND	18.2	17	94		15	83		40-140	13		30
Di-n-butylphthalate	ND	18.2	17	94		16	88		40-140	6		30
Di-n-octylphthalate	ND	18.2	19	100		19	100		40-140	0		30
Diethyl phthalate	ND	18.2	16	88		16	88		40-140	0		30
Dimethyl phthalate	ND	18.2	15	83		15	83		40-140	0		30
Biphenyl	ND	18.2	14	77		14	77		40-140	0		30
4-Chloroaniline	ND	18.2	9.6	53		8.9	49		40-140	8		30
2-Nitroaniline	ND	18.2	18	99		17	94		52-143	6		30
3-Nitroaniline	ND	18.2	12	66		12	66		25-145	0		30

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: MW5I	Associated sample(s): 07-08,11-15		QC Batch ID: WG1859049-6			WG1859049-7			QC Sample: L2371128-08			
4-Nitroaniline	ND	18.2	13	72		14	77		51-143	7		30
Dibenzofuran	ND	18.2	14	77		14	77		40-140	0		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	13	72		13	72		2-134	0		30
Acetophenone	ND	18.2	15	83		14	77		39-129	7		30
2,4,6-Trichlorophenol	ND	18.2	16	88		15	83		30-130	6		30
p-Chloro-m-cresol	ND	18.2	16	88		16	88		23-97	0		30
2-Chlorophenol	ND	18.2	15	83		15	83		27-123	0		30
2,4-Dichlorophenol	ND	18.2	16	88		15	83		30-130	6		30
2,4-Dimethylphenol	ND	18.2	7.2	40		6.8	37		30-130	6		30
2-Nitrophenol	ND	18.2	19	100		20	110		30-130	5		30
4-Nitrophenol	ND	18.2	18	**99**	Q	17	**94**	Q	10-80	6		30
2,4-Dinitrophenol	ND	18.2	20	110		18.J	99		20-130	11		30
4,6-Dinitro-o-cresol	ND	18.2	20	110		19	100		20-164	5		30
Phenol	ND	18.2	13	72		12	66		12-110	8		30
2-Methylphenol	ND	18.2	13	72		13	72		30-130	0		30
3-Methylphenol/4-Methylphenol	ND	18.2	15	83		15	83		30-130	0		30
2,4,5-Trichlorophenol	ND	18.2	15	83		15	83		30-130	0		30
Carbazole	ND	18.2	14	77		14	77		55-144	0		30
Atrazine	ND	18.2	17	94		17	94		40-140	0		30
Benzaldehyde	ND	18.2	17	94		17	94		40-140	0		30
Caprolactam	ND	18.2	10	55		7.9J	43		10-130	23		30
2,3,4,6-Tetrachlorophenol	ND	18.2	14	77		14	77		40-140	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,11-15 QC Batch ID: WG1859049-6 WG1859049-7 QC Sample: L2371128-08 Client ID: MW5I												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	81		77		10-120
2-Fluorobiphenyl	80		79		15-120
2-Fluorophenol	82		81		21-120
4-Terphenyl-d14	76		69		41-149
Nitrobenzene-d5	96		96		23-120
Phenol-d6	73		67		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08,11-15 QC Batch ID: WG1859056-6 WG1859056-7 QC Sample: L2371128-08 Client ID: MW5I												
Acenaphthene	ND	18.2	15	83		15	83		40-140	0		40
2-Chloronaphthalene	ND	18.2	14	77		14	77		40-140	0		40
Fluoranthene	ND	18.2	13	72		13	72		40-140	0		40
Hexachlorobutadiene	ND	18.2	14	77		14	77		40-140	0		40
Naphthalene	0.14B	18.2	14	76		14	76		40-140	0		40
Benzo(a)anthracene	ND	18.2	16	88		16	88		40-140	0		40
Benzo(a)pyrene	ND	18.2	13	72		13	72		40-140	0		40
Benzo(b)fluoranthene	ND	18.2	14	77		15	83		40-140	7		40
Benzo(k)fluoranthene	ND	18.2	14	77		14	77		40-140	0		40
Chrysene	ND	18.2	14	77		15	83		40-140	7		40
Acenaphthylene	ND	18.2	14	77		14	77		40-140	0		40
Anthracene	ND	18.2	14	77		14	77		40-140	0		40
Benzo(ghi)perylene	ND	18.2	14	77		14	77		40-140	0		40
Fluorene	ND	18.2	14	77		14	77		40-140	0		40
Phenanthrene	ND	18.2	14	77		14	77		40-140	0		40
Dibenzo(a,h)anthracene	ND	18.2	14	77		14	77		40-140	0		40
Indeno(1,2,3-cd)pyrene	ND	18.2	15	83		15	83		40-140	0		40
Pyrene	ND	18.2	12	66		12	66		40-140	0		40
2-Methylnaphthalene	0.05J	18.2	14	77		14	77		40-140	0		40
Pentachlorophenol	ND	18.2	16	88		14	77		40-140	13		40
Hexachlorobenzene	ND	18.2	15	83		15	83		40-140	0		40
Hexachloroethane	ND	18.2	15	83		14	77		40-140	7		40

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-08,11-15 QC Batch ID: WG1859056-6 WG1859056-7 QC Sample: L2371128-08 Client ID: MW5I												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	93		93		10-120
2-Fluorobiphenyl	83		83		15-120
2-Fluorophenol	80		76		21-120
4-Terphenyl-d14	68		68		41-149
Nitrobenzene-d5	98		97		23-120
Phenol-d6	73		70		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1862199-6 WG1862199-7 QC Sample: L2371128-08 Client ID: MW5I												
Acenaphthene	ND	18.2	10	55		10	55		40-140	0		40
2-Chloronaphthalene	ND	18.2	9.3	51		9.2	51		40-140	1		40
Fluoranthene	ND	18.2	14	77		11	61		40-140	24		40
Hexachlorobutadiene	ND	18.2	8.3	46		8.1	45		40-140	2		40
Naphthalene	0.08J	18.2	9.8	54		9.4	52		40-140	4		40
Benzo(a)anthracene	ND	18.2	12	66		11	61		40-140	9		40
Benzo(a)pyrene	ND	18.2	12	66		11	61		40-140	9		40
Benzo(b)fluoranthene	ND	18.2	12	66		12	66		40-140	0		40
Benzo(k)fluoranthene	ND	18.2	12	66		12	66		40-140	0		40
Chrysene	ND	18.2	11	61		11	61		40-140	0		40
Acenaphthylene	ND	18.2	10	55		9.8	54		40-140	2		40
Anthracene	ND	18.2	12	66		12	66		40-140	0		40
Benzo(ghi)perylene	ND	18.2	13	72		12	66		40-140	8		40
Fluorene	ND	18.2	11	61		10	55		40-140	10		40
Phenanthrene	ND	18.2	11	61		11	61		40-140	0		40
Dibenzo(a,h)anthracene	ND	18.2	14	77		13	72		40-140	7		40
Indeno(1,2,3-cd)pyrene	ND	18.2	14	77		14	77		40-140	0		40
Pyrene	ND	18.2	14	77		11	61		40-140	24		40
2-Methylnaphthalene	0.03J	18.2	10	55		9.6	53		40-140	4		40
Pentachlorophenol	ND	18.2	12	66		11	61		40-140	9		40
Hexachlorobenzene	ND	18.2	10	55		9.4	52		40-140	6		40
Hexachloroethane	ND	18.2	10	55		9.4	52		40-140	6		40

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1862199-6 WG1862199-7 QC Sample: L2371128-08 Client ID: MW5I												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	66		57		10-120
2-Fluorobiphenyl	52		50		15-120
2-Fluorophenol	57		50		21-120
4-Terphenyl-d14	69		54		41-149
Nitrobenzene-d5	75		66		23-120
Phenol-d6	48		43		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1862713-3 WG1862713-4 QC Sample: L2371128-08 Client ID: MW5I												
Perfluorobutanoic Acid (PFBA)	1.46J	36	35.4	94		35.0	92		67-148	1		30
Perfluoropentanoic Acid (PFPeA)	0.472J	36	35.1	96		35.2	96		63-161	0		30
Perfluorobutanesulfonic Acid (PFBS)	ND	32	29.3	92		29.2	90		65-157	0		30
Perfluorohexanoic Acid (PFHxA)	0.430JF	36	35.0	96		35.8	97		69-168	2		30
Perfluoroheptanoic Acid (PFHpA)	ND	36	34.7	96		33.4	92		58-159	4		30
Perfluorohexanesulfonic Acid (PFHxS)	0.483J	32.9	30.4	91		29.7	88		69-177	2		30
Perfluorooctanoic Acid (PFOA)	0.257JF	36	35.1	97		35.3	96		63-159	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	42.7	34.3	45.8	**9**	Q	53.9	**32**	Q	49-187	16		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	34.4	39.3	114		34.6	100		61-179	13		30
Perfluorononanoic Acid (PFNA)	ND	36	37.0	103		36.6	101		68-171	1		30
Perfluorooctanesulfonic Acid (PFOS)	ND	33.4	34.1	102		29.3	87		52-151	15		30
Perfluorodecanoic Acid (PFDA)	ND	36	35.2	98		39.2	108		63-171	11		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	34.6	34.1	98		45.1	129		56-173	28		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	36	30.8	85		29.9	82		60-166	3		30
Perfluoroundecanoic Acid (PFUnA)	ND	36	34.1	95		35.0	96		60-153	3		30
Perfluorodecanesulfonic Acid (PFDS)	ND	34.8	28.4	82		27.3	78		38-156	4		30
Perfluorooctanesulfonamide (FOSA)	ND	36	27.4F	76		31.1F	86		46-170	13		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	36	29.6	82		39.8	109		45-170	29		30
Perfluorododecanoic Acid (PFDoA)	ND	36	33.1	92		33.4	92		67-153	1		30
Perfluorotridecanoic Acid (PFTrDA)	ND	36	36.6F	102		33.8	93		48-158	8		30
Perfluorotetradecanoic Acid (PFTA)	ND	36	33.0	92		36.8	101		59-182	11		30

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1862713-3 WG1862713-4 QC Sample: L2371128-08 Client ID: MW5I												

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	58		45		10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		97		14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	59		45		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	62		52		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	73		65		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	66		**59**	Q	62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		97		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		86		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		90		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	66		63		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		59		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	83		79		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	78		73		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	50		40		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	71		74		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	78		74		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	59		**58**	Q	59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	120		108		70-131

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1863357-3 WG1863357-4 QC Sample: L2372268-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	7.00J	200	181	87		187	90		67-148	3		30
Perfluoropentanoic Acid (PFPeA)	6.88J	200	173	83		186	90		63-161	7		30
Perfluorobutanesulfonic Acid (PFBS)	1.94J	178	166	92		175	97		65-157	5		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	188	203	108		198	106		37-219	2		30
Perfluorohexanoic Acid (PFHxA)	16.4	200	197	90		206	95		69-168	4		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	188	166	88		172	91		52-156	4		30
Perfluoroheptanoic Acid (PFHpA)	9.56J	200	195	93		203	97		58-159	4		30
Perfluorohexanesulfonic Acid (PFHxS)	5.92JF	183	190	101		184	97		69-177	3		30
Perfluorooctanoic Acid (PFOA)	37.6	200	228	95		239	101		63-159	5		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.7	190	202	100		208	104		49-187	3		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	191	198	104		198	104		61-179	0		30
Perfluorononanoic Acid (PFNA)	ND	200	179	90		190	95		68-171	6		30
Perfluorooctanesulfonic Acid (PFOS)	27.9	186	215	101		208	97		52-151	3		30
Perfluorodecanoic Acid (PFDA)	ND	200	186	93		185	92		63-171	1		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	192	211	110		205	107		56-173	3		30
Perfluorononanesulfonic Acid (PFNS)	ND	192	208	108		207	108		48-150	0		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	200	195	98		198	99		60-166	2		30
Perfluoroundecanoic Acid (PFUnA)	ND	200	189	94		184	92		60-153	3		30
Perfluorodecanesulfonic Acid (PFDS)	ND	193	202	105		197	102		38-156	3		30
Perfluorooctanesulfonamide (FOSA)	ND	200	190	95		199	100		46-170	5		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	200	169	84		183	92		45-170	8		30
Perfluorododecanoic Acid (PFDoA)	ND	200	188	94		187	94		67-153	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21 QC Batch ID: WG1863357-3 WG1863357-4 QC Sample: L2372268-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	200	253	127		246	123		48-158	3		30
Perfluorotetradecanoic Acid (PFTA)	ND	200	210	105		211	106		59-182	0		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**225**	Q	**186**	Q	10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**319**	Q	**246**	Q	12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**276**	Q	**215**	Q	14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**151**	Q	101		27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	115		91		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**152**	Q	118		55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**150**	Q	121		62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	**155**	Q	126		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	**151**	Q	121		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**147**	Q	114		71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**143**	Q	112		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	108		88		22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	**161**	Q	126		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	**174**	Q	132		62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	103		86		10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**144**	Q	115		69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**155**	Q	125		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**165**	Q	133		59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**165**	Q	129		70-131

PCBS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 13:37
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 13:46
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03 D
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/04/23 19:49
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 05:41
Cleanup Method: EPA 3665A
Cleanup Date: 12/04/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/04/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.357	0.305	5	A
Aroclor 1221	ND		ug/l	0.357	0.305	5	A
Aroclor 1232	ND		ug/l	0.357	0.305	5	A
Aroclor 1242	ND		ug/l	0.357	0.305	5	A
Aroclor 1248	ND		ug/l	0.357	0.305	5	A
Aroclor 1254	ND		ug/l	0.357	0.305	5	A
Aroclor 1260	ND		ug/l	0.357	0.305	5	A
Aroclor 1262	ND		ug/l	0.357	0.305	5	A
Aroclor 1268	ND		ug/l	0.357	0.305	5	A
PCBs, Total	ND		ug/l	0.357	0.305	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 14:03
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 14:12
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 14:21
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 14:29
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 13:11
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 14:38
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 14:48
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 14:57
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 15:06
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 15:16
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 15:25
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 16:46
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 16:56
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 17:05
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 17:14
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/03/23 17:24
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 01:30
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/06/23 21:25
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 12/06/23 00:19
Cleanup Method: EPA 3665A
Cleanup Date: 12/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/06/23 21:34
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 12/06/23 00:19
Cleanup Method: EPA 3665A
Cleanup Date: 12/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/03/23 12:36
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 07:51
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04-19 Batch: WG1858907-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/04/23 12:31
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 12/03/23 12:29
Cleanup Method: EPA 3665A
Cleanup Date: 12/04/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/04/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1859174-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/06/23 14:19
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 12/06/23 00:19
Cleanup Method: EPA 3665A
Cleanup Date: 12/06/23
Cleanup Method: EPA 3660B
Cleanup Date: 12/06/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 20-21 Batch: WG1860227-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-19 Batch: WG1858907-2 WG1858907-3									
Aroclor 1016	55		59		40-140	7		50	A
Aroclor 1260	52		61		40-140	16		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		70		30-150	A
Decachlorobiphenyl	59		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		69		30-150	B
Decachlorobiphenyl	61		62		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1859174-2 WG1859174-3									
Aroclor 1016	65		62		40-140	4		50	A
Aroclor 1260	58		59		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		68		30-150	A
Decachlorobiphenyl	56		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		72		30-150	B
Decachlorobiphenyl	64		67		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 20-21 Batch: WG1860227-2 WG1860227-3									
Aroclor 1016	63		66		40-140	5		50	A
Aroclor 1260	61		61		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		68		30-150	A
Decachlorobiphenyl	68		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		70		30-150	B
Decachlorobiphenyl	73		73		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*	*Column*
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-19 QC Batch ID: WG1858907-4 WG1858907-5 QC Sample: L2371128-08 Client ID: MW5I													
Aroclor 1016	ND	1.78	1.04	58		1.09	61		40-140	5		50	A
Aroclor 1260	ND	1.78	1.13	63		1.11	62		40-140	2		50	A

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
2,4,5,6-Tetrachloro-m-xylene	62		64		30-150	A
Decachlorobiphenyl	56		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		65		30-150	B
Decachlorobiphenyl	58		57		30-150	B

PESTICIDES

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/05/23 23:38
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01 Date Collected: 11/30/23 10:05

Client ID: MW1R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 09:48
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	47		30-150	A
DCAA	75		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/05/23 23:50
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02 Date Collected: 12/01/23 08:40

Client ID: MW2R Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 10:06
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	41		30-150	A
DCAA	37		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 00:02
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**10**	Q	30-150	B
Decachlorobiphenyl	**7**	Q	30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 10:25
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	B
2,4,5-T	ND		ug/l	2.00	0.531	1	B
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	**4**	Q	30-150	A
DCAA	65		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 00:14
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 10:43
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	53		30-150	A
DCAA	54		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 00:26
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05 Date Collected: 12/01/23 11:05

Client ID: MW4S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 11:01
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	53		30-150	A
DCAA	53		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 00:38
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 11:19
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	92		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 13:36
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 11:37
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	55		30-150	A
DCAA	55		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 13:48
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 11:55
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	64		30-150	A
DCAA	70		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 14:24
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09 Date Collected: 11/28/23 15:05

Client ID: MW6 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 12:53
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	57		30-150	A
DCAA	72		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 14:36
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY
Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 13:11
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	40		30-150	A
DCAA	42		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 14:48
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11 Date Collected: 11/29/23 09:40

Client ID: MW8 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 13:47
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	49		30-150	A
DCAA	65		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 14:59
Analyst: JAG
Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12 Date Collected: 11/29/23 11:50

Client ID: MW9S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 14:06
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	45		30-150	A
DCAA	70		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 15:11
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 14:24
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	37		30-150	A
DCAA	68		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 14:16
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14 Date Collected: 11/29/23 12:15

Client ID: MW10 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 14:42
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	50		30-150	A
DCAA	76		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/03/23 14:28
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 18:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15 Date Collected: 11/29/23 16:00

Client ID: MW11 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 15:00
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	42		30-150	A
DCAA	72		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 00:50
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16 Date Collected: 11/30/23 10:35

Client ID: MW12S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 15:18
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	44		30-150	A
DCAA	96		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 01:02
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17 Date Collected: 11/30/23 12:30

Client ID: MW12I Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 15:36
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	33		30-150	A
DCAA	61		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 01:14
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18 Date Collected: 12/01/23 10:30

Client ID: DUP-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 15:55
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	42		30-150	A
DCAA	77		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 01:26
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19 Date Collected: 11/30/23 12:20

Client ID: MW13S Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 16:13
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	46		30-150	A
DCAA	69		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 01:37
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 16:31
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:14

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	51		30-150	A
DCAA	76		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 12/06/23 01:49
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 23:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21 Date Collected: 12/01/23 12:15

Client ID: RB-12.1.23 Date Received: 12/01/23

Sample Location: LIVERPOOL, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 12/05/23 18:20
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:10

Methylation Date: 12/04/23 18:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	47		30-150	A
DCAA	48		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/03/23 13:11
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 15:36

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-15 Batch: WG1859016-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/03/23 13:11
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/02/23 15:36

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-15 Batch: WG1859016-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 12/05/23 17:07
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:10

Methylation Date: 12/04/23 18:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 21 Batch: WG1859231-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	48		30-150	A
DCAA	50		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 12/05/23 08:54
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 12/03/23 18:11

Methylation Date: 12/04/23 18:34

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-20 Batch: WG1859233-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	40		30-150	A
DCAA	46		30-150	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/05/23 22:51
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 21:03

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06,16-21 Batch: WG1859663-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A
4,4'-DDT	ND		ug/l	0.029	0.003	B

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/05/23 22:51
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 12/04/23 21:03

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-06,16-21 Batch: WG1859663-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	59		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-15 Batch: WG1859016-2 WG1859016-3									
Delta-BHC	81		84		30-150	3		20	A
Lindane	85		88		30-150	4		20	A
Alpha-BHC	86		90		30-150	5		20	A
Beta-BHC	89		99		30-150	11		20	A
Heptachlor	82		86		30-150	5		20	A
Aldrin	77		81		30-150	5		20	A
Heptachlor epoxide	78		83		30-150	6		20	A
Endrin	77		82		30-150	6		20	A
Endrin aldehyde	62		70		30-150	13		20	A
Endrin ketone	96		103		30-150	7		20	A
Dieldrin	84		89		30-150	6		20	A
4,4'-DDE	75		79		30-150	5		20	A
4,4'-DDD	82		88		30-150	7		20	A
4,4'-DDT	88		94		30-150	7		20	A
Endosulfan I	74		80		30-150	7		20	A
Endosulfan II	78		83		30-150	6		20	A
Endosulfan sulfate	78		83		30-150	7		20	A
Methoxychlor	113		121		30-150	7		20	A
cis-Chlordane	69		73		30-150	7		20	A
trans-Chlordane	77		82		30-150	7		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-15 Batch: WG1859016-2 WG1859016-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		86		30-150	A
Decachlorobiphenyl	69		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		86		30-150	B
Decachlorobiphenyl	64		78		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 21 Batch: WG1859231-2 WG1859231-3									
2,4-D	89		81		30-150	9		25	A
2,4,5-T	93		76		30-150	20		25	A
2,4,5-TP (Silvex)	87		78		30-150	11		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	70		60		30-150	A
DCAA	72		59		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-20 Batch: WG1859233-2 WG1859233-3									
2,4-D	67		96		30-150	**36**	Q	25	A
2,4,5-T	63		96		30-150	**42**	Q	25	A
2,4,5-TP (Silvex)	70		97		30-150	**32**	Q	25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	50		84		30-150	A
DCAA	62		103		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06,16-21 Batch: WG1859663-2 WG1859663-3									
Delta-BHC	51		53		30-150	4		20	A
Lindane	54		57		30-150	5		20	A
Alpha-BHC	52		54		30-150	4		20	A
Beta-BHC	58		60		30-150	3		20	A
Heptachlor	52		54		30-150	4		20	A
Aldrin	47		49		30-150	4		20	A
Heptachlor epoxide	51		54		30-150	5		20	A
Endrin	56		59		30-150	5		20	A
Endrin aldehyde	59		60		30-150	2		20	A
Endrin ketone	65		68		30-150	4		20	A
Dieldrin	61		64		30-150	5		20	A
4,4'-DDE	50		52		30-150	3		20	A
4,4'-DDD	57		59		30-150	4		20	A
4,4'-DDT	60		61		30-150	3		20	A
Endosulfan I	51		53		30-150	4		20	A
Endosulfan II	55		57		30-150	3		20	A
Endosulfan sulfate	63		66		30-150	4		20	A
Methoxychlor	74		76		30-150	3		20	A
cis-Chlordane	51		53		30-150	4		20	A
trans-Chlordane	61		64		30-150	5		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-06,16-21 Batch: WG1859663-2 WG1859663-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		51		30-150	A
Decachlorobiphenyl	55		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		49		30-150	B
Decachlorobiphenyl	53		56		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-15 QC Batch ID: WG1859016-6 WG1859016-7 QC Sample: L2371128-08 Client ID: MW5I													
Delta-BHC	ND	0.357	0.282	79		0.279	78		30-150	1		30	A
Lindane	ND	0.357	0.290	81		0.289	81		30-150	0		30	A
Alpha-BHC	ND	0.357	0.284	80		0.281	79		30-150	1		30	A
Beta-BHC	ND	0.357	0.297	83		0.297	83		30-150	0		30	A
Heptachlor	ND	0.357	0.290	81		0.291	82		30-150	0		30	A
Aldrin	ND	0.357	0.266	74		0.266	74		30-150	0		30	A
Heptachlor epoxide	ND	0.357	0.273	76		0.267	75		30-150	2		30	A
Endrin	ND	0.357	0.299	84		0.296	83		30-150	1		30	A
Endrin aldehyde	ND	0.357	0.248	69		0.246	69		30-150	1		30	A
Endrin ketone	ND	0.357	0.292	82		0.293	82		30-150	0		30	A
Dieldrin	ND	0.357	0.281	79		0.279	78		30-150	1		30	A
4,4'-DDE	ND	0.357	0.265	74		0.257	72		30-150	3		30	A
4,4'-DDD	ND	0.357	0.287	80		0.287	80		30-150	0		30	A
4,4'-DDT	ND	0.357	0.297	83		0.292	82		30-150	2		30	A
Endosulfan I	ND	0.357	0.266	74		0.259	72		30-150	3		30	A
Endosulfan II	ND	0.357	0.277	78		0.276	77		30-150	0		30	A
Endosulfan sulfate	ND	0.357	0.282	79		0.282	79		30-150	0		30	A
Methoxychlor	ND	0.357	0.289	81		0.291	82		30-150	1		30	A
cis-Chlordane	ND	0.357	0.231	65		0.229	64		30-150	1		30	A
trans-Chlordane	ND	0.357	0.265	74		0.265	74		30-150	0		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-15 QC Batch ID: WG1859016-6 WG1859016-7 QC Sample: L2371128-08 Client ID: MW5I												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*	*Column*
2,4,5,6-Tetrachloro-m-xylene	78		79		30-150	A
Decachlorobiphenyl	69		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		72		30-150	B
Decachlorobiphenyl	59		57		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1859233-4 WG1859233-5 QC Sample: L2371128-08 Client ID: MW5I													
2,4-D	ND	5	2.95J	59		4.13J	83		30-150	**33**	Q	25	A
2,4,5-T	ND	5	3.19	64		4.34	87		30-150	**31**	Q	25	A
2,4,5-TP (Silvex)	ND	5	2.99	60		4.28	86		30-150	**35**	Q	25	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	46		70		30-150	A
DCAA	42		60		30-150	B

METALS

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00542	J	mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00363		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Barium, Total	0.02003		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Calcium, Total	45.8		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00019	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00017	J	mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Iron, Total	0.465		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Magnesium, Total	5.72		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Manganese, Total	0.6099		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:05	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Potassium, Total	0.458		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Sodium, Total	118.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 15:45	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.418		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 11:04	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.109		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00325		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Barium, Total	0.1596		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Calcium, Total	101.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00037	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00088		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Copper, Total	0.00126		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Iron, Total	0.378		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Lead, Total	0.00042	J	mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Magnesium, Total	29.7		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Manganese, Total	0.9691		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:08	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00269		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Potassium, Total	2.12		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Sodium, Total	174.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 15:49	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.106		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 11:09	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0349		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01982		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Barium, Total	1.790		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Calcium, Total	496.		mg/l	1.00	0.394	10	12/05/23 16:21	12/06/23 19:21	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00046	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00201		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Iron, Total	98.5		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Magnesium, Total	134.		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Manganese, Total	3.190		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:12	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00313		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Potassium, Total	12.8		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Sodium, Total	110.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:16	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	106.		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 11:13	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0242		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00143		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Barium, Total	0.06848		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Calcium, Total	126.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00023	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Iron, Total	1.23		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Magnesium, Total	61.7		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Manganese, Total	0.04742		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:15	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Potassium, Total	1.86		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Sodium, Total	151.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:20	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	1.17		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 11:18	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.52		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00536		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Barium, Total	0.08009		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Beryllium, Total	0.00015	J	mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Calcium, Total	320.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00495		mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00454		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Copper, Total	0.00982		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Iron, Total	9.00		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Lead, Total	0.00376		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Magnesium, Total	49.6		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Manganese, Total	1.203		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:18	EPA 7470A	1,7470A	GMG
Nickel, Total	0.01667		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Potassium, Total	4.67		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00258	J	mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Sodium, Total	115.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00708		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01932		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:25	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	0.382		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 11:23	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0125		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00240		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Barium, Total	0.03546		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Calcium, Total	145.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00020	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Copper, Total	0.00073	J	mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Iron, Total	1.59		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Magnesium, Total	58.8		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1826		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:22	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Potassium, Total	1.95		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Sodium, Total	47.6		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:29	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	1.52		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 11:27	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.138		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00393		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Barium, Total	0.6468		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Calcium, Total	109.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00050	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00028	J	mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Copper, Total	0.00064	J	mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Iron, Total	2.94		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Lead, Total	0.00182		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Magnesium, Total	23.3		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Manganese, Total	0.5621		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:25	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00137	J	mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Potassium, Total	2.93		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Sodium, Total	182.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:34	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	2.47		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 11:32	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0164		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00382		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Barium, Total	0.5062		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Calcium, Total	116.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00026	J	mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Iron, Total	4.63		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Magnesium, Total	55.8		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Manganese, Total	0.4802		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 09:41	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Potassium, Total	2.96		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Sodium, Total	188.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 14:58	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Iron, Dissolved	4.62		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 11:48	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY
Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.277		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01410		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Barium, Total	0.1676		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Calcium, Total	148.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00053	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00064		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Copper, Total	0.00059	J	mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Iron, Total	3.29		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Lead, Total	0.00035	J	mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Magnesium, Total	52.6		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Manganese, Total	0.08767		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:37	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00087	J	mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Potassium, Total	1.43		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Sodium, Total	55.6		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:39	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY
Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0526		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01749		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Barium, Total	0.2218		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Calcium, Total	109.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00050	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00049	J	mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Iron, Total	1.91		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Magnesium, Total	44.5		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Manganese, Total	0.04684		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:41	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00102	J	mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Potassium, Total	1.52		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Sodium, Total	73.9		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:43	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.162		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.03851		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Barium, Total	2.618		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Calcium, Total	274.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00039	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00258		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Copper, Total	0.00096	J	mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Iron, Total	17.2		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Magnesium, Total	125.		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Manganese, Total	0.2288		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:44	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00266		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Potassium, Total	8.58		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Sodium, Total	547.		mg/l	1.00	0.293	10	12/05/23 16:21	12/06/23 19:25	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:48	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0214		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00299		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Barium, Total	0.1285		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Calcium, Total	80.1		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00024	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00041	J	mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Iron, Total	4.96		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Magnesium, Total	37.9		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Manganese, Total	0.8345		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:47	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00099	J	mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Potassium, Total	7.46		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Sodium, Total	149.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:53	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0865		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00405		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Barium, Total	0.05564		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Calcium, Total	158.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00028	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00045	J	mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Iron, Total	1.76		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Magnesium, Total	69.1		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Manganese, Total	0.05033		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:51	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00059	J	mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Potassium, Total	1.62		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Sodium, Total	64.0		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 17:57	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0596		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00838		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Barium, Total	0.5045		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Calcium, Total	129.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00028	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00133		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Copper, Total	0.00038	J	mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Iron, Total	1.96		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Magnesium, Total	43.0		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Manganese, Total	0.7498		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:54	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00251		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Potassium, Total	2.02		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Sodium, Total	168.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 18:49	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY
Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.283		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00134		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Barium, Total	0.2630		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Calcium, Total	97.6		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00055	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00025	J	mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Copper, Total	0.00093	J	mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Iron, Total	3.35		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Lead, Total	0.00062	J	mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Magnesium, Total	30.6		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Manganese, Total	0.4183		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 10:57	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00064	J	mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Potassium, Total	2.37		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Sodium, Total	552.		mg/l	1.00	0.293	10	12/05/23 16:21	12/06/23 19:30	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 18:54	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0138		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00193		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Barium, Total	0.1857		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Calcium, Total	100.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00030	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00168		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Copper, Total	0.00058	J	mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Iron, Total	0.537		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Magnesium, Total	27.5		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Manganese, Total	0.6950		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 11:01	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00235		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Potassium, Total	2.23		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Sodium, Total	457.		mg/l	1.00	0.293	10	12/05/23 16:21	12/06/23 19:35	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 19:01	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0313		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00173		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Barium, Total	0.1410		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Calcium, Total	132.		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00028	J	mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Iron, Total	1.19		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Magnesium, Total	43.0		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Manganese, Total	0.04600		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 11:04	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Potassium, Total	2.08		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Sodium, Total	202.		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 19:06	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0111		mg/l	0.0100	0.00327	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00237		mg/l	0.00050	0.00016	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Barium, Total	0.03969		mg/l	0.00050	0.00017	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Calcium, Total	153.		mg/l	0.100	0.0394	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00019	J	mg/l	0.00100	0.00017	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00018	J	mg/l	0.00050	0.00016	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Iron, Total	1.60		mg/l	0.0500	0.0191	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Magnesium, Total	59.0		mg/l	0.0700	0.0242	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Manganese, Total	0.1764		mg/l	0.00100	0.00044	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/06/23 13:20	12/07/23 13:51	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Potassium, Total	2.14		mg/l	0.100	0.0309	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Sodium, Total	46.9		mg/l	0.100	0.0293	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/06/23 19:58	12/07/23 14:41	EPA 3005A	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0297		mg/l	0.0100	0.00327	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00189		mg/l	0.00050	0.00016	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Barium, Total	0.4351		mg/l	0.00050	0.00017	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Calcium, Total	162.		mg/l	0.100	0.0394	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00036	J	mg/l	0.00100	0.00017	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Iron, Total	5.49		mg/l	0.0500	0.0191	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Magnesium, Total	40.0		mg/l	0.0700	0.0242	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Manganese, Total	0.5817		mg/l	0.00100	0.00044	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/06/23 13:20	12/07/23 13:54	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Potassium, Total	4.66		mg/l	0.100	0.0309	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Sodium, Total	199.		mg/l	0.100	0.0293	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/06/23 13:51	12/06/23 20:34	EPA 3005A	1,6020B	EJF

Project Name: UNIFIRST - LIVERPOOL
Lab Number: L2371128
Project Number: 2001642
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY
Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00373	J	mg/l	0.0100	0.00327	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00180		mg/l	0.00050	0.00016	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Barium, Total	0.08276		mg/l	0.00050	0.00017	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Calcium, Total	131.		mg/l	0.100	0.0394	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Iron, Total	0.578		mg/l	0.0500	0.0191	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Magnesium, Total	42.6		mg/l	0.0700	0.0242	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Manganese, Total	0.02686		mg/l	0.00100	0.00044	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/06/23 13:20	12/07/23 13:57	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Potassium, Total	1.96		mg/l	0.100	0.0309	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Sodium, Total	58.8		mg/l	0.100	0.0293	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/06/23 13:51	12/06/23 20:39	EPA 3005A	1,6020B	EJF

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY
Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0128		mg/l	0.0100	0.00327	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Barium, Total	0.00114		mg/l	0.00050	0.00017	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Calcium, Total	0.220		mg/l	0.100	0.0394	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00055	J	mg/l	0.00100	0.00017	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Iron, Total	0.0432	J	mg/l	0.0500	0.0191	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Magnesium, Total	0.0648	J	mg/l	0.0700	0.0242	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00183		mg/l	0.00100	0.00044	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/06/23 13:20	12/07/23 14:01	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Potassium, Total	0.0494	J	mg/l	0.100	0.0309	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Sodium, Total	0.417		mg/l	0.100	0.0293	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/06/23 13:51	12/06/23 20:44	EPA 3005A	1,6020B	EJF

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-17 Batch: WG1859957-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/05/23 16:21	12/06/23 14:26	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-17 Batch: WG1859959-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/05/23 20:50	12/07/23 09:35	1,7470A	GMG

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1860045-1										
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	12/07/23 03:30	12/07/23 09:52	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 19-21 Batch: WG1860083-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/l	0.00500	0.00157	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	12/06/23 13:51	12/06/23 20:11	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18-21 Batch: WG1860086-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/06/23 13:20	12/07/23 13:28	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18 Batch: WG1860525-1										
Aluminum, Total	0.00389	J	mg/l	0.0100	0.00327	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

Method Blank Analysis
Batch Quality Control

Silver, Total	ND		mg/l	0.00040	0.00016	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/06/23 19:58	12/07/23 14:13	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-17 Batch: WG1859957-2								
Aluminum, Total	107		-		80-120	-		
Antimony, Total	91		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	117		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	110		-		80-120	-		
Magnesium, Total	116		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Nickel, Total	97		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	99		-		80-120	-		
Sodium, Total	118		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-17 Batch: WG1859957-2					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-17 Batch: WG1859959-2					
Mercury, Total	99	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1860045-2					
Iron, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19-21 Batch: WG1860083-2					
Aluminum, Total	90	-	80-120	-	
Antimony, Total	96	-	80-120	-	
Arsenic, Total	104	-	80-120	-	
Barium, Total	99	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	99	-	80-120	-	
Calcium, Total	114	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Cobalt, Total	108	-	80-120	-	
Copper, Total	107	-	80-120	-	
Iron, Total	115	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	109	-	80-120	-	
Manganese, Total	111	-	80-120	-	
Nickel, Total	104	-	80-120	-	
Potassium, Total	109	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	109	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19-21 Batch: WG1860083-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 18-21 Batch: WG1860086-2					
Mercury, Total	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 Batch: WG1860525-2					
Aluminum, Total	102	-	80-120	-	
Antimony, Total	90	-	80-120	-	
Arsenic, Total	103	-	80-120	-	
Barium, Total	100	-	80-120	-	
Beryllium, Total	102	-	80-120	-	
Cadmium, Total	100	-	80-120	-	
Calcium, Total	104	-	80-120	-	
Chromium, Total	103	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	106	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	101	-	80-120	-	
Magnesium, Total	102	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	98	-	80-120	-	
Thallium, Total	97	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 Batch: WG1860525-2					
Zinc, Total	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1859957-3 WG1859957-4 QC Sample: L2371128-08 Client ID: MW5I												
Aluminum, Total	0.0164	2	2.00	99		2.14	106		75-125	7		20
Antimony, Total	ND	0.5	0.5126	102		0.4938	99		75-125	4		20
Arsenic, Total	0.00382	0.12	0.1246	101		0.1366	111		75-125	9		20
Barium, Total	0.5062	2	2.462	98		2.470	98		75-125	0		20
Beryllium, Total	ND	0.05	0.05061	101		0.05177	104		75-125	2		20
Cadmium, Total	ND	0.053	0.05181	98		0.05238	99		75-125	1		20
Calcium, Total	116.	10	129	**130**	Q	132	**160**	Q	75-125	2		20
Chromium, Total	ND	0.2	0.1898	95		0.2003	100		75-125	5		20
Cobalt, Total	0.00026J	0.5	0.4726	94		0.5103	102		75-125	8		20
Copper, Total	ND	0.25	0.2389	96		0.2502	100		75-125	5		20
Iron, Total	4.63	1	5.63	100		5.89	**126**	Q	75-125	5		20
Lead, Total	ND	0.53	0.5476	103		0.5507	104		75-125	1		20
Magnesium, Total	55.8	10	58.3	**25**	Q	61.8	**60**	Q	75-125	6		20
Manganese, Total	0.4802	0.5	0.9917	102		1.029	110		75-125	4		20
Nickel, Total	ND	0.5	0.4621	92		0.4923	98		75-125	6		20
Potassium, Total	2.96	10	13.3	103		13.5	105		75-125	1		20
Selenium, Total	ND	0.12	0.122	102		0.120	100		75-125	2		20
Silver, Total	ND	0.05	0.04990	100		0.05093	102		75-125	2		20
Sodium, Total	188.	10	188	**0**	Q	202	**140**	Q	75-125	7		20
Thallium, Total	ND	0.12	0.1227	102		0.1234	103		75-125	1		20
Vanadium, Total	ND	0.5	0.4756	95		0.4878	98		75-125	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1859957-3 WG1859957-4 QC Sample: L2371128-08 Client ID: MW5I									
Zinc, Total	ND	0.5	0.4656	93	0.4927	98	75-125	6	20
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1859959-3 WG1859959-4 QC Sample: L2371128-08 Client ID: MW5I									
Mercury, Total	ND	0.005	0.00499	100	0.00487	98	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1860045-3 QC Sample: L2370945-01 Client ID: MS Sample									
Iron, Dissolved	0.068	1	1.03	96	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19-21 QC Batch ID: WG1860083-3 QC Sample: L2371128-19 Client ID: MW13S										
Aluminum, Total	0.0297	2	1.73	85		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.5033	101		-	-	75-125	-	20
Arsenic, Total	0.00189	0.12	0.1176	96		-	-	75-125	-	20
Barium, Total	0.4351	2	2.366	96		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04898	98		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.05176	98		-	-	75-125	-	20
Calcium, Total	162.	10	165	**30**	Q	-	-	75-125	-	20
Chromium, Total	0.00036J	0.2	0.1827	91		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.4995	100		-	-	75-125	-	20
Copper, Total	ND	0.25	0.2492	100		-	-	75-125	-	20
Iron, Total	5.49	1	6.40	91		-	-	75-125	-	20
Lead, Total	ND	0.53	0.5192	98		-	-	75-125	-	20
Magnesium, Total	40.0	10	47.6	76		-	-	75-125	-	20
Manganese, Total	0.5817	0.5	1.063	96		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.4664	93		-	-	75-125	-	20
Potassium, Total	4.66	10	14.5	98		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.100	83		-	-	75-125	-	20
Silver, Total	ND	0.05	0.04935	99		-	-	75-125	-	20
Sodium, Total	199.	10	203	**40**	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1116	93		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4662	93		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19-21 QC Batch ID: WG1860083-3 QC Sample: L2371128-19 Client ID: MW13S									
Zinc, Total	ND	0.5	0.4927	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 18-21 QC Batch ID: WG1860086-3 QC Sample: L2371262-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00554	111	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1860525-3 QC Sample: L2371377-01 Client ID: MS Sample										
Aluminum, Total	0.165J	2	2.37	118		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.5387	108		-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1275	106		-	-	75-125	-	20
Barium, Total	0.0120	2	2.120	105		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05003	100		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.04944	93		-	-	75-125	-	20
Calcium, Total	165	10	187	**220**	Q	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.2103	105		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5184	104		-	-	75-125	-	20
Copper, Total	ND	0.25	0.2602	104		-	-	75-125	-	20
Iron, Total	ND	1	1.46	**146**	Q	-	-	75-125	-	20
Lead, Total	ND	0.53	0.5822	110		-	-	75-125	-	20
Magnesium, Total	638	10	677	**390**	Q	-	-	75-125	-	20
Manganese, Total	0.01687J	0.5	0.5335	107		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.5006	100		-	-	75-125	-	20
Potassium, Total	176	10	196	**200**	Q	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.116	97		-	-	75-125	-	20
Silver, Total	ND	0.05	0.04984	100		-	-	75-125	-	20
Sodium, Total	5290	10	5570	**2800**	Q	-	-	75-125	-	20
Thallium, Total	0.0029J	0.12	0.1198	100		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4685	94		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1860525-3 QC Sample: L2371377-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4725	94	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19-21 QC Batch ID: WG1860083-4 QC Sample: L2371128-19 Client ID: MW13S						
Aluminum, Total	0.0297	0.0286	mg/l	4		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	0.00189	0.00213	mg/l	12		20
Barium, Total	0.4351	0.4263	mg/l	2		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	162.	159	mg/l	2		20
Chromium, Total	0.00036J	0.00035J	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	5.49	5.44	mg/l	1		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	40.0	38.0	mg/l	5		20
Manganese, Total	0.5817	0.5739	mg/l	1		20
Nickel, Total	ND	ND	mg/l	NC		20
Potassium, Total	4.66	4.50	mg/l	3		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	199.	194	mg/l	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 19-21 QC Batch ID: WG1860083-4 QC Sample: L2371128-19 Client ID: MW13S					
Thallium, Total	ND	0.00021J	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 18-21 QC Batch ID: WG1860086-4 QC Sample: L2371262-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 18 QC Batch ID: WG1860525-4 QC Sample: L2371377-01 Client ID: DUP Sample					
Chromium, Total	ND	ND	mg/l	NC	20
Manganese, Total	0.01687J	0.01939J	mg/l	NC	20

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-17 QC Batch ID: WG1859957-6 QC Sample: L2371128-08 Client ID: MW5I						
Barium, Total	0.5062	0.5142	mg/l	2		20
Calcium, Total	116.	124.	mg/l	7		20
Iron, Total	4.63	4.95	mg/l	7		20
Magnesium, Total	55.8	51.9	mg/l	7		20
Manganese, Total	0.4802	0.5382	mg/l	12		20
Potassium, Total	2.96	3.12	mg/l	5		20
Sodium, Total	188.	191.	mg/l	2		20
Total Metals - Mansfield Lab Associated sample(s): 19-21 QC Batch ID: WG1860083-6 QC Sample: L2371128-19 Client ID: MW13S						
Barium, Total	0.4351	0.4340	mg/l	0		20
Calcium, Total	162.	168.	mg/l	4		20
Iron, Total	5.49	5.60	mg/l	2		20
Magnesium, Total	40.0	43.2	mg/l	8		20
Manganese, Total	0.5817	0.5966	mg/l	3		20
Potassium, Total	4.66	4.79	mg/l	3		20
Sodium, Total	199.	217.	mg/l	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-01
Client ID: MW1R
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:52	1,9010C/9012B	JER
Sulfate	99.		mg/l	25	3.4	2.5	12/07/23 13:00	12/07/23 13:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-02
Client ID: MW2R
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:40
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 16:56	1,9010C/9012B	JER
Sulfate	20.		mg/l	10	1.4	1	12/07/23 13:00	12/07/23 13:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-03
Client ID: MW3S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 08:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 16:59	1,9010C/9012B	JER
Sulfate	2.0	J	mg/l	10	1.4	1	12/07/23 13:00	12/07/23 13:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-04
Client ID: MW3I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 15:45
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 17:00	1,9010C/9012B	JER
Sulfate	78.		mg/l	25	3.4	2.5	12/07/23 13:00	12/07/23 13:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-05
Client ID: MW4S
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 11:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 17:01	1,9010C/9012B	JER
Sulfate	150		mg/l	50	6.8	5	12/07/23 13:00	12/07/23 13:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-06
Client ID: MW4I
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:05
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 17:02	1,9010C/9012B	JER
Sulfate	150		mg/l	50	6.8	5	12/07/23 12:00	12/07/23 12:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-07
Client ID: MW5S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:25
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:37	1,9010C/9012B	JER
Sulfate	20.		mg/l	10	1.4	1	12/07/23 12:00	12/07/23 12:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-08
Client ID: MW5I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 10:00
Date Received: 12/01/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:38	1,9010C/9012B	JER
Sulfate	30.		mg/l	10	1.4	1	12/07/23 15:00	12/07/23 15:00	121,4500SO4-E	MRW

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-09
Client ID: MW6
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:05
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:43	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-10
Client ID: MW7
Sample Location: LIVERPOOL, NY

Date Collected: 11/28/23 15:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:44	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-11
Client ID: MW8
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 09:40
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:45	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-12
Client ID: MW9S
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 11:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:46	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-13
Client ID: MW9I
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 15:50
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:47	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-14
Client ID: MW10
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:48	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-15
Client ID: MW11
Sample Location: LIVERPOOL, NY

Date Collected: 11/29/23 16:00
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:55	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-16
Client ID: MW12S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:35
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 17:03	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-17
Client ID: MW12I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 17:06	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-18
Client ID: DUP-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 10:30
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 17:07	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-19
Client ID: MW13S
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 12:20
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 17:08	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-20
Client ID: MW13I
Sample Location: LIVERPOOL, NY

Date Collected: 11/30/23 10:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 17:09	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

SAMPLE RESULTS

Lab ID: L2371128-21
Client ID: RB-12.1.23
Sample Location: LIVERPOOL, NY

Date Collected: 12/01/23 12:15
Date Received: 12/01/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 11:50	12/06/23 14:41	1,9010C/9012B	JER

Project Name: UNIFIRST - LIVERPOOL **Lab Number:** L2371128

Project Number: 2001642 **Report Date:** 12/19/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02-06,16-20 Batch: WG1860218-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 02:00	12/06/23 16:50	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 21 Batch: WG1860463-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/06/23 11:50	12/06/23 14:36	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 07-14 Batch: WG1861003-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:30	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01,15 Batch: WG1861005-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/07/23 11:50	12/07/23 14:30	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06-07 Batch: WG1861033-1										
Sulfate	1.4	J	mg/l	10	1.4	1	12/07/23 12:00	12/07/23 12:00	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1861068-1										
Sulfate	1.5	J	mg/l	10	1.4	1	12/07/23 13:00	12/07/23 13:00	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 08 Batch: WG1861107-1										
Sulfate	1.4	J	mg/l	10	1.4	1	12/07/23 15:00	12/07/23 15:00	121,4500SO4-E	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-06,16-20 Batch: WG1860218-2 WG1860218-3								
Cyanide, Total	94		85		85-115	10		20
General Chemistry - Westborough Lab Associated sample(s): 21 Batch: WG1860463-2 WG1860463-3								
Cyanide, Total	92		89		85-115	3		20
General Chemistry - Westborough Lab Associated sample(s): 07-14 Batch: WG1861003-2 WG1861003-3								
Cyanide, Total	90		88		85-115	2		20
General Chemistry - Westborough Lab Associated sample(s): 01,15 Batch: WG1861005-2 WG1861005-3								
Cyanide, Total	90		88		85-115	2		20
General Chemistry - Westborough Lab Associated sample(s): 06-07 Batch: WG1861033-2								
Sulfate	105		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1861068-2								
Sulfate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 08 Batch: WG1861107-2								
Sulfate	105		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-06,16-20 QC Batch ID: WG1860218-4 WG1860218-5 QC Sample: L2371128-02 Client ID: MW2R												
Cyanide, Total	ND	0.2	0.191	96		0.189	94		80-120	1		20
General Chemistry - Westborough Lab Associated sample(s): 21 QC Batch ID: WG1860463-4 WG1860463-5 QC Sample: L2371128-21 Client ID: RB-12.1.23												
Cyanide, Total	ND	0.2	0.194	97		0.198	99		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 07-14 QC Batch ID: WG1861003-4 WG1861003-5 QC Sample: L2371128-08 Client ID: MW5I												
Cyanide, Total	ND	0.2	0.350	**175**	Q	0.190	95		80-120	**59**	Q	20
General Chemistry - Westborough Lab Associated sample(s): 01,15 QC Batch ID: WG1861005-4 WG1861005-5 QC Sample: L2369811-04 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.213	106		0.205	102		80-120	4		20
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG1861033-4 QC Sample: L2371128-06 Client ID: MW4I												
Sulfate	150	200	360	108		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1861068-4 QC Sample: L2370634-01 Client ID: MS Sample												
Sulfate	11.	40	48	92		-	-		55-147	-		14
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1861107-4 QC Sample: L2371128-08 Client ID: MW5I												
Sulfate	30.	40	68	95		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2371128

Report Date: 12/19/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG1861033-3 QC Sample: L2371128-06 Client ID: MW4I						
Sulfate	150	150	mg/l	0		14
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1861068-3 QC Sample: L2370634-01 Client ID: DUP Sample						
Sulfate	11.	11	mg/l	0		14
General Chemistry - Westborough Lab Associated sample(s): 08 QC Batch ID: WG1861107-3 QC Sample: L2371128-08 Client ID: MW5I						
Sulfate	30.	31	mg/l	3		14

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent
F	Absent
G	Absent
H	Absent
I	Absent
J	Absent
K	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-01A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-01B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-01C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-01D	20ml Vial HCl preserved	D	NA		4.9	Y	Absent		DISSGAS(14)
L2371128-01E	20ml Vial HCl preserved	D	NA		4.9	Y	Absent		DISSGAS(14)
L2371128-01F	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2371128-01G	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2371128-01H	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-01I	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-01J	Plastic 120ml unpreserved	D	7	7	4.9	Y	Absent		SO4-4500(28)
L2371128-01K	Plastic 250ml NaOH preserved	D	>12	>12	4.9	Y	Absent		TCN-9010(14)
L2371128-01L	Plastic 250ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		FE-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-01M	Plastic 500ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2371128-01N	Plastic 500ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2371128-01O	Amber 250ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-01P	Amber 250ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-01Q	Amber 1000ml unpreserved	D	7	7	4.9	Y	Absent		HERB-APA(7)
L2371128-01R	Amber 1000ml unpreserved	D	7	7	4.9	Y	Absent		HERB-APA(7)
L2371128-01S	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-01T	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-02A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-02B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-02C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-02D	20ml Vial HCl preserved	C	NA		2.4	Y	Absent		DISSGAS(14)
L2371128-02E	20ml Vial HCl preserved	C	NA		2.4	Y	Absent		DISSGAS(14)
L2371128-02F	Amber 120ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-02G	Amber 120ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-02H	Amber 120ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-02I	Amber 120ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-02J	Plastic 120ml unpreserved	C	7	7	2.4	Y	Absent		SO4-4500(28)
L2371128-02K	Plastic 250ml NaOH preserved	C	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2371128-02L	Plastic 250ml HNO3 preserved	C	<2	<2	2.4	Y	Absent		FE-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-02M	Plastic 500ml HNO3 preserved	C	<2	<2	2.4	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2371128-02N	Plastic 500ml HNO3 preserved	C	3	<2	2.4	N	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2371128-02O	Amber 250ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-02P	Amber 250ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-02Q	Amber 1000ml unpreserved	C	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-02R	Amber 1000ml unpreserved	C	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-02S	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-02T	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-03A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-03B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-03C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-03D	20ml Vial HCl preserved	I	NA		4.4	Y	Absent		DISSGAS(14)
L2371128-03E	20ml Vial HCl preserved	I	NA		4.4	Y	Absent		DISSGAS(14)
L2371128-03F	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2371128-03G	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2371128-03H	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-03I	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-03J	Plastic 120ml unpreserved	I	7	7	4.4	Y	Absent		SO4-4500(28)
L2371128-03K	Plastic 250ml NaOH preserved	I	>12	>12	4.4	Y	Absent		TCN-9010(14)
L2371128-03L	Plastic 250ml HNO3 preserved	I	<2	<2	4.4	Y	Absent		FE-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-03M	Plastic 500ml HNO3 preserved	I	<2	<2	4.4	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2371128-03N	Plastic 500ml HNO3 preserved	I	<2	<2	4.4	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2371128-03O	Amber 250ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-03P	Amber 250ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-03Q	Amber 1000ml unpreserved	I	7	7	4.4	Y	Absent		HERB-APA(7)
L2371128-03R	Amber 1000ml unpreserved	I	7	7	4.4	Y	Absent		HERB-APA(7)
L2371128-03S	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-03T	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-04A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-04B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-04C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-04D	20ml Vial HCl preserved	D	NA		4.9	Y	Absent		DISSGAS(14)
L2371128-04E	20ml Vial HCl preserved	D	NA		4.9	Y	Absent		DISSGAS(14)
L2371128-04F	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2371128-04G	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2371128-04H	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-04I	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-04J	Plastic 120ml unpreserved	D	7	7	4.9	Y	Absent		SO4-4500(28)
L2371128-04K	Plastic 250ml NaOH preserved	D	>12	>12	4.9	Y	Absent		TCN-9010(14)
L2371128-04L	Plastic 250ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		FE-6020S(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-04M	Plastic 500ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2371128-04N	Plastic 500ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2371128-04O	Amber 250ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-04P	Amber 250ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-04Q	Amber 1000ml unpreserved	D	7	7	4.9	Y	Absent		HERB-APA(7)
L2371128-04R	Amber 1000ml unpreserved	D	7	7	4.9	Y	Absent		HERB-APA(7)
L2371128-04S	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-04T	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-05A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-05B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-05C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-05D	20ml Vial HCl preserved	D	NA		4.9	Y	Absent		DISSGAS(14)
L2371128-05E	20ml Vial HCl preserved	D	NA		4.9	Y	Absent		DISSGAS(14)
L2371128-05F	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2371128-05G	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8081(7)
L2371128-05H	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-05I	Amber 120ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-05J	Plastic 120ml unpreserved	D	7	7	4.9	Y	Absent		SO4-4500(28)
L2371128-05K	Plastic 250ml NaOH preserved	D	>12	>12	4.9	Y	Absent		TCN-9010(14)
L2371128-05L	Plastic 250ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		FE-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-05M	Plastic 500ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2371128-05N	Plastic 500ml HNO3 preserved	D	<2	<2	4.9	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2371128-05O	Amber 250ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-05P	Amber 250ml unpreserved	D	7	7	4.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-05Q	Amber 1000ml unpreserved	D	7	7	4.9	Y	Absent		HERB-APA(7)
L2371128-05R	Amber 1000ml unpreserved	D	7	7	4.9	Y	Absent		HERB-APA(7)
L2371128-05S	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-05T	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-06A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-06B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-06C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-06D	20ml Vial HCl preserved	I	NA		4.4	Y	Absent		DISSGAS(14)
L2371128-06E	20ml Vial HCl preserved	I	NA		4.4	Y	Absent		DISSGAS(14)
L2371128-06F	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2371128-06G	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2371128-06H	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-06I	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-06J	Plastic 120ml unpreserved	I	7	7	4.4	Y	Absent		SO4-4500(28)
L2371128-06K	Plastic 250ml NaOH preserved	I	>12	>12	4.4	Y	Absent		TCN-9010(14)
L2371128-06L	Plastic 250ml HNO3 preserved	I	<2	<2	4.4	Y	Absent		FE-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-06M	Plastic 500ml HNO3 preserved	I	<2	<2	4.4	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2371128-06N	Plastic 500ml HNO3 preserved	I	<2	<2	4.4	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2371128-06O	Amber 250ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-06P	Amber 250ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-06Q	Amber 1000ml unpreserved	I	7	7	4.4	Y	Absent		HERB-APA(7)
L2371128-06R	Amber 1000ml unpreserved	I	7	7	4.4	Y	Absent		HERB-APA(7)
L2371128-06S	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-06T	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-07A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-07B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-07C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-07D	20ml Vial HCl preserved	J	NA		2.5	Y	Absent		DISSGAS(14)
L2371128-07E	20ml Vial HCl preserved	J	NA		2.5	Y	Absent		DISSGAS(14)
L2371128-07F	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2371128-07G	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2371128-07H	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-07I	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-07J	Plastic 120ml unpreserved	J	7	7	2.5	Y	Absent		SO4-4500(28)
L2371128-07K	Plastic 250ml NaOH preserved	J	>12	>12	2.5	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-07L	Plastic 250ml HNO3 preserved	J	<2	<2	2.5	Y	Absent		FE-6020S(180)
L2371128-07M	Plastic 500ml HNO3 preserved	J	<2	<2	2.5	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2371128-07N	Plastic 500ml HNO3 preserved	J	<2	<2	2.5	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2371128-07O	Amber 250ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-07P	Amber 250ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-07Q	Amber 1000ml unpreserved	J	7	7	2.5	Y	Absent		HERB-APA(7)
L2371128-07R	Amber 1000ml unpreserved	J	7	7	2.5	Y	Absent		HERB-APA(7)
L2371128-07S	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-07T	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-08A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08A1	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08A2	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08B1	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08B2	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08C1	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08C2	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-08D	20ml Vial HCl preserved	B	NA		2.4	Y	Absent		DISSGAS(14)
L2371128-08E	20ml Vial HCl preserved	B	NA		2.4	Y	Absent		DISSGAS(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-08F	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-08F1	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-08F2	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-08G	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-08G1	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-08G2	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-08H	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-08H1	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-08H2	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-08I	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-08I1	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-08I2	Amber 120ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-08J	Plastic 120ml unpreserved	B	7	7	2.4	Y	Absent		SO4-4500(28)
L2371128-08K	Plastic 250ml NaOH preserved	B	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2371128-08K1	Plastic 250ml NaOH preserved	B	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2371128-08K2	Plastic 250ml NaOH preserved	B	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2371128-08L	Plastic 250ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		FE-6020S(180)
L2371128-08M	Plastic 500ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2371128-08M1	Plastic 500ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-08M2	Plastic 500ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2371128-08N	Plastic 500ml HNO3 preserved	B	<2	<2	2.4	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2371128-08O	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-08O1	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-08O2	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-08P	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-08P1	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-08P2	Amber 250ml unpreserved	B	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-08Q	Amber 1000ml unpreserved	B	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-08Q1	Amber 1000ml unpreserved	B	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-08Q2	Amber 1000ml unpreserved	B	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-08R	Amber 1000ml unpreserved	B	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-08R1	Amber 1000ml unpreserved	B	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-08R2	Amber 1000ml unpreserved	B	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-08S	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-08S1	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-08S2	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-08T	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-08T1	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-08T2	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-09A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-09B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-09C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-09D	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2371128-09E	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2371128-09F	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-09G	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-09H	Plastic 500ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2371128-09I	Plastic 250ml NaOH preserved	A	>12	>12	3.5	Y	Absent		TCN-9010(14)
L2371128-09J	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-09K	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-09L	Amber 1000ml unpreserved	A	7	7	3.5	Y	Absent		HERB-APA(7)
L2371128-09M	Amber 1000ml unpreserved	A	7	7	3.5	Y	Absent		HERB-APA(7)
L2371128-09N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-09O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-10A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-10B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-10C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-10D	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2371128-10E	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2371128-10F	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-10G	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-10H	Plastic 500ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2371128-10I	Plastic 250ml NaOH preserved	A	>12	>12	3.5	Y	Absent		TCN-9010(14)
L2371128-10J	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-10K	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-10L	Amber 1000ml unpreserved	A	7	7	3.5	Y	Absent		HERB-APA(7)
L2371128-10M	Amber 1000ml unpreserved	A	7	7	3.5	Y	Absent		HERB-APA(7)
L2371128-10N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-10O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-11A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-11B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-11C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-11D	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2371128-11E	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8081(7)
L2371128-11F	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-11G	Amber 120ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-11H	Plastic 500ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2371128-11I	Plastic 250ml NaOH preserved	A	>12	>12	3.5	Y	Absent		TCN-9010(14)
L2371128-11J	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-11K	Amber 250ml unpreserved	A	7	7	3.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-11L	Amber 1000ml unpreserved	A	7	7	3.5	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-11M	Amber 1000ml unpreserved	A	7	7	3.5	Y	Absent		HERB-APA(7)
L2371128-11N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-11O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-12A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-12B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-12C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-12D	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2371128-12E	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2371128-12F	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-12G	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-12H	Plastic 500ml HNO3 preserved	J	<2	<2	2.5	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2371128-12I	Plastic 250ml NaOH preserved	J	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2371128-12J	Amber 250ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-12K	Amber 250ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-12L	Amber 1000ml unpreserved	J	7	7	2.5	Y	Absent		HERB-APA(7)
L2371128-12M	Amber 1000ml unpreserved	J	7	7	2.5	Y	Absent		HERB-APA(7)
L2371128-12N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-12O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-13A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-13B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-13C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-13D	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-13E	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-13F	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-13G	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-13H	Plastic 500ml HNO3 preserved	H	<2	<2	2.4	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2371128-13I	Plastic 250ml NaOH preserved	H	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2371128-13J	Amber 250ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-13K	Amber 250ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-13L	Amber 1000ml unpreserved	H	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-13M	Amber 1000ml unpreserved	H	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-13N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-13O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-14A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-14B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-14C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-14D	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2371128-14E	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2371128-14F	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-14G	Amber 120ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2371128-14H	Plastic 500ml HNO3 preserved	J	<2	<2	2.5	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2371128-14I	Plastic 250ml NaOH preserved	J	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2371128-14J	Amber 250ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-14K	Amber 250ml unpreserved	J	7	7	2.5	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-14L	Amber 1000ml unpreserved	J	7	7	2.5	Y	Absent		HERB-APA(7)
L2371128-14M	Amber 1000ml unpreserved	J	7	7	2.5	Y	Absent		HERB-APA(7)
L2371128-14N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-14O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-15A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-15B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-15C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-15D	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-15E	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-15F	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-15G	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-15H	Plastic 500ml HNO3 preserved	H	<2	<2	2.4	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2371128-15I	Plastic 250ml NaOH preserved	H	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2371128-15J	Amber 250ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-15K	Amber 250ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-15L	Amber 1000ml unpreserved	H	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-15M	Amber 1000ml unpreserved	H	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-15N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-15O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-16A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-16B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-16C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-16D	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2371128-16E	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-16F	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-16G	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-16H	Plastic 500ml HNO3 preserved	G	<2	<2	2.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2371128-16I	Plastic 250ml NaOH preserved	G	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2371128-16J	Amber 250ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-16K	Amber 250ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-16L	Amber 1000ml unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2371128-16M	Amber 1000ml unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2371128-16N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-16O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-17A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-17B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-17C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-17D	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-17E	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-17F	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-17G	Amber 120ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-17H	Plastic 500ml HNO3 preserved	H	<2	<2	2.4	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2371128-17I	Plastic 250ml NaOH preserved	H	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2371128-17J	Amber 250ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-17K	Amber 250ml unpreserved	H	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-17L	Amber 1000ml unpreserved	H	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-17M	Amber 1000ml unpreserved	H	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-17N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-17O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-18A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-18B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-18C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-18D	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2371128-18E	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2371128-18F	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-18G	Amber 120ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-18H	Plastic 500ml HNO3 preserved	I	<2	<2	4.4	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2371128-18I	Plastic 250ml NaOH preserved	I	>12	>12	4.4	Y	Absent		TCN-9010(14)
L2371128-18J	Amber 250ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-18K	Amber 250ml unpreserved	I	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-18L	Amber 1000ml unpreserved	I	7	7	4.4	Y	Absent		HERB-APA(7)
L2371128-18M	Amber 1000ml unpreserved	I	7	7	4.4	Y	Absent		HERB-APA(7)
L2371128-18N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-18O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-19A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-19B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-19C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-19D	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2371128-19E	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-19F	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-19G	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-19H	Plastic 500ml HNO3 preserved	G	<2	<2	2.9	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2371128-19I	Plastic 250ml NaOH preserved	G	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2371128-19J	Amber 250ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-19K	Amber 250ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-19L	Amber 1000ml unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2371128-19M	Amber 1000ml unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2371128-19N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-19O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-20A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-20B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-20C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-20D	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2371128-20E	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2371128-20F	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-20G	Amber 120ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8082-LVI(365)
L2371128-20H	Plastic 500ml HNO3 preserved	G	<2	<2	2.9	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2371128-20I	Plastic 250ml NaOH preserved	G	>12	>12	2.9	Y	Absent		TCN-9010(14)
L2371128-20J	Amber 250ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-20K	Amber 250ml unpreserved	G	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-20L	Amber 1000ml unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2371128-20M	Amber 1000ml unpreserved	G	7	7	2.9	Y	Absent		HERB-APA(7)
L2371128-20N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-20O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-21A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-21B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-21C	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-21D	Amber 120ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-21E	Amber 120ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8081(7)
L2371128-21F	Amber 120ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-21G	Amber 120ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8082-LVI(365)
L2371128-21H	Plastic 500ml HNO3 preserved	C	<2	<2	2.4	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2371128-21I	Plastic 250ml NaOH preserved	C	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2371128-21J	Amber 250ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-21K	Amber 250ml unpreserved	C	7	7	2.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2371128-21L	Amber 1000ml unpreserved	C	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-21M	Amber 1000ml unpreserved	C	7	7	2.4	Y	Absent		HERB-APA(7)
L2371128-21N	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-21O	Plastic 250ml unpreserved	E	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(28)
L2371128-22A	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-22B	Vial HCl preserved	F	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2371128-22M	Plastic 250ml HNO3 preserved	NA	NA			Y	Absent		-
L2371128-22N	Plastic 250ml HNO3 preserved	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2371128
Report Date: 12/19/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2371128-23A	Plastic 250ml unpreserved/H20 fill	E	NA		4.3	Y	Absent		ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2371128
Report Date: 12/19/23

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2371128
Project Number:	2001642	**Report Date:**	12/19/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2371128
Project Number:	2001642	**Report Date:**	12/19/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2371128
Project Number:	2001642	**Report Date:**	12/19/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2371128
Project Number:	2001642	**Report Date:**	12/19/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 12/2/23

ALPHA Job #: L2371128

Client Information
Client: GET Consultants
Address: 130 Tompkins Rd Suite #1 Ithaca NY
Phone: 607-216-8966
Fax:
Email: WMoore@getconsultants.com

Project Information
Project Name: Unitrust Liverpool
Project Location: Liverpool NY
Project #: 2001642
(Use Project name as Project #)
Project Manager: Wendy Moore
ALPHAQuote #:

Turn-Around Time
Standard: X — Due Date:
Rush (only if pre approved): ☐ — # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Ten (10) coolers to be: 1) Wheatboard type; Multi-LVL 2) PWSD type 3) Vial/HCL pre 8260 4) AM Parameter stands for: Dissolved Iron, Sulfate SM4500 Total Iron EPA 6010B and Dissolved Iron EPA 6010B

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL Volatiles 8260	EPA 8270 Semivolatiles	EPA 8081 Pesticides	EPA 8082 PCBs	Herb EPA 8151A	Total Cyanide SM4500	TAL Metals - Total	TAL Metals - Dissolved	Sample Specific Comments	Total # Bottles
71128-01	MW1R	11/30/23	10:05	GW	SD	X	X	X	X	X	X	X	X		17
02	MW2R	12/1/23	08:40		SD	X	X	X	X	X	X	X	X		17
03	MW3S	12/1/23	08:45		SD	X	X	X	X	X	X	X	X		17
04	MW3I	11/30/23	15:45		SD	X	X	X	X	X	X	X	X		17
05	MW4S	12/1/23	11:05		SD	X	X	X	X	X	X	X	X		17
06	MW4I	12/1/23	10:05		SD	X	X	X	X	X	X	X	X		17
07	MW5S	11/29/23	09:15		SD	X	X	X	X	X	X	X	X		17
08	MW5I	11/29/23	10:00		SD	X	X	X	X	X	X	X	X		17
09	MW6	11/28/23	15:05	GW	SD	X	X	X	X	X	X	X	X		13
10	MW7	11/28/23	15:30	GW		X	X	X	X	X	X	X	X		14

Container Type	V	A	P	A	A	P	P	A
Preservative	B	A	A	A	A	E	C	A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/1/23 16:00		12/1/23 1600
	12/1/23 1700		12/2/23 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 3

Date Rec'd in Lab: 12/2/23

ALPHA Job #: L2371128

Client Information
Client: GET Consultants
Address: 301 Turnpike Rd Suite 101 Ithaca NY
Phone: 607-216-8946
Fax:
Email: mtoon@getconsultants.com

Project Information
Project Name: Onondaga Liverpool
Project Location: Liverpool NY
Project #: 2001646
(Use Project name as Project #)
Project Manager: Wendy Moore
ALPHAQuote #:

Turn-Around Time
Standard: X — Due Date:
Rush (only if pre approved): — # of Days:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
ASP-A: — ASP-B: X
EQuIS (1 File): — EQuIS (4 File):
Other:

Regulatory Requirement
NY TOGS: — NY Part 375: X
AWQ Standards: — NY CP-51:
NY Restricted Use: — Other:
NY Unrestricted Use:
NYC Sewer Discharge:

Billing Information
Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ: — NY: X
Other:

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOA+10 Tentatively Identified Compounds	TCL SVOA+20 Tentatively Identified Compounds	TCL Pesticides (GC)	TCL Herbicides (GC)	TAL Metals (ICP) 6010	TAL Metals (CVAA) 7470/7471	Total Cyanide SW9014	TCL PCBs (GC)	Sample Specific Comments	Total Bottles
L2371128-11	MW8	11/29/23	09:40	GW	SD	X	X	X	X	X	X	X	X		12
12	MW9S	11/29/23	11:50	GW	SD	X	X	X	X	X	X	X	X		12
13	MW9I	11/29/23	15:50		SD	X	X	X	X	X	X	X	X		12
14	MW10	11/29/23	12:15		SD	X	X	X	X	X	X	X	X		12
15	MW11	11/29/23	16:00		SD	X	X	X	X	X	X	X	X		12
16	MW12S	11/30/23	10:35		SD	X	X	X	X	X	X	X	X		12
17	MW12I	11/30/23	12:30		SD	X	X	X	X	X	X	X	X		12
08	MW5I-MS	11/29/23	11:15		SD	X	X	X	X	X	X	X	X		12
09	MW5I-MSD	11/29/23	12:00		SD	X	X	X	X	X	X	X	X		12
18	DUP-12.1.23	12/1/23	10:30	V	SD	X	X	X	X	X	X	X	X		12

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
KE = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	P	A	A	P	P	A
Preservative	B	A	A	A	A	E	C	A

Relinquished By:	Date/Time	Received By:	Date/Time
	12/1/23/16:00		12/1/23 1600
	12/1/23 1744		12/2/23 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 3

Date Rec'd in Lab: 12/2/23

ALPHA Job #: L2371128

Client Information
Client: GET Consultants
Address: 139 Marsh Rd
Suite 11 Ithaca NY
Phone: 607-216-8966
Fax:
Email: wpeck@getconsultants.com

Project Information
Project Name: Onondaga Lake Pool
Project Location: Liverpool NY
Project #: 2001642
(Use Project name as Project #)
Project Manager: Wendy Moore
ALPHAQuote #:

Turn-Around Time
Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Ten(10) coolers total

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sample's Initials	TCL VOA 8260C	TCL SVOA 8270D-SIM (LVI)	PAH's via 8270D-SIM (LVI)	PCB's EPA 8082A	TAL Metals 6010D	Total Cyanide SM4500	TAL Metals-Total 6010D	TCL PCBs 8082A	Sample Specific Comments	Total # Bottles
71128-19	MW13S	11/30/23	12:30	GW	SM	X	X	X	X	X	X	X	X		12
20	MW13I	11/30/23	10:15	↓	SM	X	X	X	X	X	X	X	X		12
21	RB-12123	12/1/23	12:15	↓	SM	X	X	X	X	X	X	X	X		12
22	TB-12123	12/1/23	15:00	↓	SM	X	X	X	X	X	X	X	X		12

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
D = Other
E = Encore
F = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	P	A	A	P	P	A
Preservative	B	A	A	A	A	F	C	A

Relinquished By:	Date/Time	Received By:	Date/Time
	12/1/23 1600		
	12/1/23 1730		12/2/23 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

December 19, 2023

Jordan DesRosiers
GEI Consultants
1301 Trumansburg Road
Suite N
Ithaca, NY 14850

RE: Project: Unifirst Liverpool
Pace Project No.: 20299224

Dear Jordan DesRosiers:

Enclosed are the analytical results for sample(s) received by the laboratory on December 05, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Baton Rouge

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ruth Welsh

Ruth Welsh
ruth.welsh@pacelabs.com
(225) 769-4900
Project Manager

Enclosures

cc: Jeff Holden, GEI Consultants
Wendy Moore, GEI Consultants

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Baton Rouge, LA 70820
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CERTIFICATIONS

Project:	Unifirst Liverpool
Pace Project No.:	20299224

Pace Analytical Services Baton Rouge
7979 Innovation Park Drive Ste A, Baton Rouge, LA 70820-7402
Louisiana Dept of Enviromental Quality (NELAC/LELAP): 01979
Florida Dept of Health (NELAC/FELAP): E87854
DoD ELAP (A2LA) #: 6429.01
Alabama DEM #: 41900
Alaska DEC-DW #: LA00024
Alaska DEC CS-LAP #: 21-001
Arkansas DEQ #: 88-0655
California ELAP #: 3063
Georgia DPD #: C050
Hawaii DOH State Laboratories Division
Illinois EPA #: 200048
Kansas DoHE #: E-10354
Kentucky DEP UST Branch #: 123054
Louisiana DOH #: LA036
Minnesota DOH #: 2233799
Mississippi State Dept of Health
Montana Department of Environmental Quality
Nebraska DHHS #: NE-OS-35.21
Nevada DCNR DEP #: LA00024
New York DOH #: 12149
North Carolina DEQ - WW & GW #: 618
North Dakota DEQ #: R195
Ohio EPA #: 87782
Oklahoma Dept of Environmental Quality #: 9403
Oregon ELAP #: 4168
Pennsylvania Dept of Environmental Protection #: 68-05973
South Carolina DHEC #: 73006001
Texas CEQ #: T104704178-23-15
Utah DOH #: LA00024
Virginia DCLS #: 6460215
Washington Dept of Ecology #: C929
Wisconsin DNR #: 399139510

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SAMPLE SUMMARY

Project: Unifirst Liverpool
Pace Project No.: 20299224

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20299224001	**MW1R**	Water	11/30/23 10:05	12/05/23 10:00
20299224002	**MW2R**	Water	12/01/23 08:40	12/05/23 10:00
20299224003	**MW3S**	Water	12/01/23 08:45	12/05/23 10:00
20299224004	**MW3I**	Water	11/30/23 15:45	12/05/23 10:00
20299224005	**MW4S**	Water	12/01/23 11:05	12/05/23 10:00
20299224006	**MW4I**	Water	12/01/23 10:05	12/05/23 10:00

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SAMPLE ANALYTE COUNT

Project: Unifirst Liverpool
Pace Project No.: 20299224

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20299224001	**MW1R**	Pace ENV-SOP-BTRO-0042	LHM	10
20299224002	**MW2R**	Pace ENV-SOP-BTRO-0042	LHM	10
20299224003	**MW3S**	Pace ENV-SOP-BTRO-0042	LHM	10
20299224004	**MW3I**	Pace ENV-SOP-BTRO-0042	LHM	10
20299224005	**MW4S**	Pace ENV-SOP-BTRO-0042	LHM	10
20299224006	**MW4I**	Pace ENV-SOP-BTRO-0042	LHM	10

PASI-BR = Pace Analytical Services - Baton Rouge

REPORT OF LABORATORY ANALYSIS

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7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

PROJECT NARRATIVE

Project: Unifirst Liverpool
Pace Project No.: 20299224

Method: **Pace ENV-SOP-BTRO-0042**
Description: BR AM23G Low Level VFA
Client: GEI CONSULTANTS
Date: December 19, 2023

General Information:
6 samples were analyzed for Pace ENV-SOP-BTRO-0042 by Pace Analytical Services Baton Rouge. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 311731

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MW2R (Lab ID: 20299224002)
  - Lactic Acid
- MW3I (Lab ID: 20299224004)
  - Lactic Acid
- MW4I (Lab ID: 20299224006)
  - Lactic Acid
- MW4S (Lab ID: 20299224005)
  - Lactic Acid

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(225) 769-4900

PROJECT NARRATIVE

Project: Unifirst Liverpool
Pace Project No.: 20299224

Method: **Pace ENV-SOP-BTRO-0042**
Description: BR AM23G Low Level VFA
Client: GEI CONSULTANTS
Date: December 19, 2023

Analyte Comments:

QC Batch: 311731

N2: The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

- BLANK (Lab ID: 1493050)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- LCS (Lab ID: 1493051)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MS (Lab ID: 1493306)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MSD (Lab ID: 1493307)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MW1R (Lab ID: 20299224001)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MW2R (Lab ID: 20299224002)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MW3I (Lab ID: 20299224004)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MW4I (Lab ID: 20299224006)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MW4S (Lab ID: 20299224005)
  - Hexanoic Acid

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PROJECT NARRATIVE

Project: Unifirst Liverpool
Pace Project No.: 20299224

Method: **Pace ENV-SOP-BTRO-0042**
Description: BR AM23G Low Level VFA
Client: GEI CONSULTANTS
Date: December 19, 2023

Analyte Comments:

QC Batch: 311731

N2: The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

- MW4S (Lab ID: 20299224005)
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid

QC Batch: 311977

D4: Sample was diluted due to the presence of high levels of target analytes.

- MW3S (Lab ID: 20299224003)
  - Lactic Acid

N2: The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

- BLANK (Lab ID: 1494177)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- LCS (Lab ID: 1494178)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MS (Lab ID: 1494227)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MSD (Lab ID: 1494228)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MW3S (Lab ID: 20299224003)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Unifirst Liverpool
Pace Project No.: 20299224

Sample: MW1R **Lab ID: 20299224001** Collected: 11/30/23 10:05 Received: 12/05/23 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BR AM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	0.50	1		12/14/23 16:45	109-52-4	N2
Acetic Acid	ND	mg/L	0.50	1		12/14/23 16:45	64-19-7	
Butyric Acid	ND	mg/L	0.50	1		12/14/23 16:45	107-92-6	
Formic acid	ND	mg/L	0.50	1		12/14/23 16:45	64-18-6	
Hexanoic Acid	ND	mg/L	0.50	1		12/14/23 16:45	142-62-1	N2
i-Hexanoic Acid	ND	mg/L	0.50	1		12/14/23 16:45	646-07-1	N2
Lactic Acid	**3.0**	mg/L	0.50	1		12/14/23 16:45	50-21-5	
i-Pentanoic Acid	ND	mg/L	0.50	1		12/14/23 16:45	503-74-2	N2
Propionic Acid	ND	mg/L	0.50	1		12/14/23 16:45	79-09-4	
Pyruvic Acid	ND	mg/L	0.50	1		12/14/23 16:45	127-17-3	

Sample: MW2R **Lab ID: 20299224002** Collected: 12/01/23 08:40 Received: 12/05/23 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BR AM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	5.0	10		12/14/23 17:09	109-52-4	N2
Acetic Acid	ND	mg/L	5.0	10		12/14/23 17:09	64-19-7	
Butyric Acid	ND	mg/L	5.0	10		12/14/23 17:09	107-92-6	
Formic acid	ND	mg/L	5.0	10		12/14/23 17:09	64-18-6	
Hexanoic Acid	ND	mg/L	5.0	10		12/14/23 17:09	142-62-1	N2
i-Hexanoic Acid	ND	mg/L	5.0	10		12/14/23 17:09	646-07-1	N2
Lactic Acid	ND	mg/L	5.0	10		12/14/23 17:09	50-21-5	D3
i-Pentanoic Acid	ND	mg/L	5.0	10		12/14/23 17:09	503-74-2	N2
Propionic Acid	ND	mg/L	5.0	10		12/14/23 17:09	79-09-4	
Pyruvic Acid	ND	mg/L	5.0	10		12/14/23 17:09	127-17-3	

Sample: MW3S **Lab ID: 20299224003** Collected: 12/01/23 08:45 Received: 12/05/23 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BR AM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	50.0	100		12/18/23 13:23	109-52-4	N2
Acetic Acid	**432**	mg/L	50.0	100		12/18/23 13:23	64-19-7	
Butyric Acid	ND	mg/L	50.0	100		12/18/23 13:23	107-92-6	
Formic acid	ND	mg/L	50.0	100		12/18/23 13:23	64-18-6	
Hexanoic Acid	ND	mg/L	50.0	100		12/18/23 13:23	142-62-1	N2
i-Hexanoic Acid	ND	mg/L	50.0	100		12/18/23 13:23	646-07-1	N2
Lactic Acid	ND	mg/L	50.0	100		12/18/23 13:23	50-21-5	D4
i-Pentanoic Acid	ND	mg/L	50.0	100		12/18/23 13:23	503-74-2	N2
Propionic Acid	**540**	mg/L	50.0	100		12/18/23 13:23	79-09-4	

REPORT OF LABORATORY ANALYSIS

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7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

ANALYTICAL RESULTS

Project: Unifirst Liverpool
Pace Project No.: 20299224

Sample: MW3S **Lab ID: 20299224003** Collected: 12/01/23 08:45 Received: 12/05/23 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BR AM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pyruvic Acid	ND	mg/L	50.0	100		12/18/23 13:23	127-17-3	

Sample: MW3I **Lab ID: 20299224004** Collected: 11/30/23 15:45 Received: 12/05/23 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BR AM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	5.0	10		12/14/23 17:59	109-52-4	N2
Acetic Acid	ND	mg/L	5.0	10		12/14/23 17:59	64-19-7	
Butyric Acid	ND	mg/L	5.0	10		12/14/23 17:59	107-92-6	
Formic acid	ND	mg/L	5.0	10		12/14/23 17:59	64-18-6	
Hexanoic Acid	ND	mg/L	5.0	10		12/14/23 17:59	142-62-1	N2
i-Hexanoic Acid	ND	mg/L	5.0	10		12/14/23 17:59	646-07-1	N2
Lactic Acid	ND	mg/L	5.0	10		12/14/23 17:59	50-21-5	D3
i-Pentanoic Acid	ND	mg/L	5.0	10		12/14/23 17:59	503-74-2	N2
Propionic Acid	ND	mg/L	5.0	10		12/14/23 17:59	79-09-4	
Pyruvic Acid	ND	mg/L	5.0	10		12/14/23 17:59	127-17-3	

Sample: MW4S **Lab ID: 20299224005** Collected: 12/01/23 11:05 Received: 12/05/23 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BR AM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	5.0	10		12/14/23 18:23	109-52-4	N2
Acetic Acid	ND	mg/L	5.0	10		12/14/23 18:23	64-19-7	
Butyric Acid	ND	mg/L	5.0	10		12/14/23 18:23	107-92-6	
Formic acid	ND	mg/L	5.0	10		12/14/23 18:23	64-18-6	
Hexanoic Acid	ND	mg/L	5.0	10		12/14/23 18:23	142-62-1	N2
i-Hexanoic Acid	ND	mg/L	5.0	10		12/14/23 18:23	646-07-1	N2
Lactic Acid	ND	mg/L	5.0	10		12/14/23 18:23	50-21-5	D3
i-Pentanoic Acid	ND	mg/L	5.0	10		12/14/23 18:23	503-74-2	N2
Propionic Acid	ND	mg/L	5.0	10		12/14/23 18:23	79-09-4	
Pyruvic Acid	ND	mg/L	5.0	10		12/14/23 18:23	127-17-3	

REPORT OF LABORATORY ANALYSIS

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(225) 769-4900

ANALYTICAL RESULTS

Project: Unifirst Liverpool
Pace Project No.: 20299224

Sample: MW4I **Lab ID: 20299224006** Collected: 12/01/23 10:05 Received: 12/05/23 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BR AM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	5.0	10		12/14/23 18:48	109-52-4	N2
Acetic Acid	ND	mg/L	5.0	10		12/14/23 18:48	64-19-7	
Butyric Acid	ND	mg/L	5.0	10		12/14/23 18:48	107-92-6	
Formic acid	ND	mg/L	5.0	10		12/14/23 18:48	64-18-6	
Hexanoic Acid	ND	mg/L	5.0	10		12/14/23 18:48	142-62-1	N2
i-Hexanoic Acid	ND	mg/L	5.0	10		12/14/23 18:48	646-07-1	N2
Lactic Acid	ND	mg/L	5.0	10		12/14/23 18:48	50-21-5	D3
i-Pentanoic Acid	ND	mg/L	5.0	10		12/14/23 18:48	503-74-2	N2
Propionic Acid	ND	mg/L	5.0	10		12/14/23 18:48	79-09-4	
Pyruvic Acid	ND	mg/L	5.0	10		12/14/23 18:48	127-17-3	

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Pace Analytical Services, LLC
7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

QUALITY CONTROL DATA

Project: Unifirst Liverpool
Pace Project No.: 20299224

QC Batch: 311731
QC Batch Method: Pace ENV-SOP-BTRO-0042
Analysis Method: Pace ENV-SOP-BTRO-0042
Analysis Description: BR AM23G Low Level VFA
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 20299224001, 20299224002, 20299224004, 20299224005, 20299224006

METHOD BLANK: 1493050 Matrix: Water
Associated Lab Samples: 20299224001, 20299224002, 20299224004, 20299224005, 20299224006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetic Acid	mg/L	ND	0.50	12/14/23 15:55	
Butyric Acid	mg/L	ND	0.50	12/14/23 15:55	
Formic acid	mg/L	ND	0.50	12/14/23 15:55	
Hexanoic Acid	mg/L	ND	0.50	12/14/23 15:55	N2
i-Hexanoic Acid	mg/L	ND	0.50	12/14/23 15:55	N2
i-Pentanoic Acid	mg/L	ND	0.50	12/14/23 15:55	N2
Lactic Acid	mg/L	ND	0.50	12/14/23 15:55	
Pentanoic Acid	mg/L	ND	0.50	12/14/23 15:55	N2
Propionic Acid	mg/L	ND	0.50	12/14/23 15:55	
Pyruvic Acid	mg/L	ND	0.50	12/14/23 15:55	

LABORATORY CONTROL SAMPLE: 1493051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetic Acid	mg/L	2	2.0	101	70-130	
Butyric Acid	mg/L	2	1.8	91	70-130	
Formic acid	mg/L	2	1.9	96	70-130	
Hexanoic Acid	mg/L	2	1.2	58	39-114	N2
i-Hexanoic Acid	mg/L	2	1.5	77	39-114	N2
i-Pentanoic Acid	mg/L	2	1.5	77	59-121	N2
Lactic Acid	mg/L	2	2.0	102	70-130	
Pentanoic Acid	mg/L	2	1.5	75	59-121	N2
Propionic Acid	mg/L	2	1.9	97	70-130	
Pyruvic Acid	mg/L	2	2.0	100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1493306 1493307

Parameter	Units	20299972004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetic Acid	mg/L	5.02	20	20	20.6	20.3	100	99	70-130	1	30	
Butyric Acid	mg/L	5.02	20	20	19.1	18.9	96	95	70-130	1	30	
Formic acid	mg/L	5.02	20	20	19.5	19.2	97	95	70-130	2	30	
Hexanoic Acid	mg/L	5.02	20	20	9.8	9.6	49	48	39-114	2	30	N2
i-Hexanoic Acid	mg/L	5.02	20	20	14.7	14.5	73	73	39-114	1	30	N2
i-Pentanoic Acid	mg/L	5.02	20	20	16.1	15.6	81	78	59-121	3	30	N2
Lactic Acid	mg/L	1.4J	20	20	21.9	21.4	102	100	70-130	2	30	
Pentanoic Acid	mg/L	5.02	20	20	14.2	14.2	71	71	59-121	0	30	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Baton Rouge, LA 70820
(225) 769-4900

QUALITY CONTROL DATA

Project: Unifirst Liverpool
Pace Project No.: 20299224

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1493306 1493307

Parameter	Units	20299972004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Propionic Acid	mg/L	5.02	20	20	19.5	19.4	98	97	70-130	1	30	
Pyruvic Acid	mg/L	5.02	20	20	19.4	19.0	96	94	70-130	2	30	

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REPORT OF LABORATORY ANALYSIS

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7979 Innovation Park Drive
Baton Rouge, LA 70820
(225) 769-4900

QUALITY CONTROL DATA

Project: Unifirst Liverpool
Pace Project No.: 20299224

QC Batch: 311977
QC Batch Method: Pace ENV-SOP-BTRO-0042
Analysis Method: Pace ENV-SOP-BTRO-0042
Analysis Description: BR AM23G Low Level VFA
Laboratory: Pace Analytical Services - Baton Rouge

Associated Lab Samples: 20299224003

METHOD BLANK: 1494177 Matrix: Water
Associated Lab Samples: 20299224003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetic Acid	mg/L	ND	0.50	12/18/23 12:09	
Butyric Acid	mg/L	ND	0.50	12/18/23 12:09	
Formic acid	mg/L	ND	0.50	12/18/23 12:09	
Hexanoic Acid	mg/L	ND	0.50	12/18/23 12:09	N2
i-Hexanoic Acid	mg/L	ND	0.50	12/18/23 12:09	N2
i-Pentanoic Acid	mg/L	ND	0.50	12/18/23 12:09	N2
Lactic Acid	mg/L	ND	0.50	12/18/23 12:09	
Pentanoic Acid	mg/L	ND	0.50	12/18/23 12:09	N2
Propionic Acid	mg/L	ND	0.50	12/18/23 12:09	
Pyruvic Acid	mg/L	ND	0.50	12/18/23 12:09	

LABORATORY CONTROL SAMPLE: 1494178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetic Acid	mg/L	2	2.0	99	70-130	
Butyric Acid	mg/L	2	1.8	90	70-130	
Formic acid	mg/L	2	1.9	94	70-130	
Hexanoic Acid	mg/L	2	1.1	55	39-114	N2
i-Hexanoic Acid	mg/L	2	1.6	79	39-114	N2
i-Pentanoic Acid	mg/L	2	1.5	76	59-121	N2
Lactic Acid	mg/L	2	2.0	102	70-130	
Pentanoic Acid	mg/L	2	1.5	74	59-121	N2
Propionic Acid	mg/L	2	1.9	96	70-130	
Pyruvic Acid	mg/L	2	2.0	98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1494227 1494228

Parameter	Units	92702281010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetic Acid	mg/L	ND	20	20	20.5	20.5	99	99	70-130	0	30	
Butyric Acid	mg/L	ND	20	20	17.8	17.6	89	88	70-130	1	30	
Formic acid	mg/L	ND	20	20	19.3	19.3	96	96	70-130	0	30	
Hexanoic Acid	mg/L	ND	20	20	9.9	9.9	49	49	39-114	0	30	N2
i-Hexanoic Acid	mg/L	ND	20	20	14.4	14.2	72	71	39-114	1	30	N2
i-Pentanoic Acid	mg/L	ND	20	20	14.5	14.8	72	74	59-121	2	30	N2
Lactic Acid	mg/L	1.2J	20	20	21.2	21.2	100	100	70-130	0	30	
Pentanoic Acid	mg/L	ND	20	20	14.0	14.3	70	71	59-121	2	30	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Baton Rouge, LA 70820
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QUALITY CONTROL DATA

Project: Unifirst Liverpool
Pace Project No.: 20299224

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1494227 1494228

Parameter	Units	92702281010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Propionic Acid	mg/L	ND	20	20	19.3	19.2	96	96	70-130	0	30	
Pyruvic Acid	mg/L	ND	20	20	20.1	19.9	100	99	70-130	1	30	

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Baton Rouge, LA 70820
(225) 769-4900

QUALIFIERS

Project: Unifirst Liverpool
Pace Project No.: 20299224

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The Nelac Institute

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D4	Sample was diluted due to the presence of high levels of target analytes.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Baton Rouge, LA 70820
(225) 769-4900

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Unifirst Liverpool
Pace Project No.: 20299224

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20299224001	**MW1R**	Pace ENV-SOP-BTRO-0042	311731		
20299224002	**MW2R**	Pace ENV-SOP-BTRO-0042	311731		
20299224003	**MW3S**	Pace ENV-SOP-BTRO-0042	311977		
20299224004	**MW3I**	Pace ENV-SOP-BTRO-0042	311731		
20299224005	**MW4S**	Pace ENV-SOP-BTRO-0042	311731		
20299224006	**MW4I**	Pace ENV-SOP-BTRO-0042	311731		

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Pace® Location Requested (City/State):
Pace Analytical Baton Rouge
7979 Innovation Park Dr, Suite A
Baton Rouge, LA 70820

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 20299224

20299224

Company Name:	GEI CONSULTANTS
Street Address:	1301 Trumansburg Road, Suite N Ithaca, NY 14850
Customer Project #:	
Project Name:	Unifirst Liverpool
Site Collection Info/Facility ID (as applicable):	Unifirst Liverpool, Liverpool NY
Time Zone Collected:	[ ] AK [ ] PT [ ] MT [ ] CT [X] ET
Data Deliverables:	[ ] Level II [ ] Level III [X] Level IV [ ] EQUIS [ ] Other
Contact/Report To:	~~Jordan DesRosiers~~ Wendy Moore
Phone #:	~~607-216-8466~~ 607-216-8466
E-Mail:	~~jdesrosiers@geiconsultants.com~~
cc E-Mail:	wmoore@geiconsultants.com
Invoice To:	Accounts Payable
Invoice E-Mail:	apinvoicesny@geiconsultants.com
Purchase Order # (if applicable):	
Quote #:	
County / State origin of sample(s):	New York
Regulatory Program (DW, RCRA, etc.) as applicable:	
Rush (Pre-approval required):	[ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other
Date Results Requested:	
DW PWSID # or WW Permit # as applicable:	
Field Filtered (if applicable):	[ ] Yes [X] No
Analysis:	

Specify Container Size **: 6

Identify Container Preservative Type***: BAK

Analysis Requested: BR AM23G Low Level VFA

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only:
Proj. Mgr: Ruth Welsh
AcctNum / Client ID:
Table #:
Profile / Template: 19165
Prelog / Bottle Ord. ID: EZ 3024795

Preservation non-conformance identified for sample:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res. Cl2	Number & Type of Containers Plastic	Number & Type of Containers Glass	Sample Comment
MW1R	GW	G	11/30/23	10:05					2	1
MW2R			12/1/23	08:40					2	2
MW3S			12/1/23	08:45					2	3
MW3I			11/30/23	15:45					2	4
MW4S			12/1/23	11:05					2	5
MW4I			12/1/23	10:05					2	6

Customer Remarks / Special Conditions / Possible Hazards:

Collected By:
Printed Name: Jordan DesRosiers
Signature:

Additional Instructions from Pace®:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Jordan DesRosiers / GEI / FedEx	12/1/22 16:00		12/4/23 1645
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	12/4/23 1200		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fedex	12/5/23 10:00		12/6/23 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace

Sample Condition Upon Reciept (WO# : 20299224

Workorder #

PM: RW Due Date: 12/19/23

CLIENT: BR-GEI-ITHAC

7979 Innovation Park Dr. Baton Rouge, LA 70806

Cooler Inspected by/date: DTM/ 12/5/23 10:00

Means of receipt: ☐ Pace ☐ Client ☐ UPS ☑ FedEx ☐ Other: _____

☑ Yes	☐ No		Were custody seals present on the cooler?
☑ Yes	☐ No	☐ NA	If custody seals were present, were they intact and unbroken?

Method: ☐ Temperature Blank ☑ Against Bottles IR Gun ID: E43 IR Gun Correction Factor: +0 °C

Cooler #1	Cooler Temp °C: 1.3	(Actual/True)	Samples on ice ☑ Yes ☐ No / pH Strip Lot #
Cooler #2	Cooler Temp °C:	(Actual/True)	
Cooler #3	Cooler Temp °C:	(Actual/True)	Method of coolant: ☐ Wet ☑ Ice Packs ☐ Dry Ice ☐ None
Cooler #4	Cooler Temp °C:	(Actual/True)	

Tracking #: 7159 6040 6300

☐ Yes	☐ No	☐ NA	Is a temperature blank present?	
☐ Yes	☐ No	☐ NA	Was a chain of custody (COC) recieved?	
☐ Yes	☐ No	☐ NA	Was the line and profile number listed on the COC?	
☐ Yes	☐ No	☐ NA	Were all coolers received at or below 6.0°C? If no, notify Project Manager notified via email.	
☐ Yes	☐ No		Were proper custody procedures (relinquished/received) followed?	
☐ Yes	☐ No	☐ NA	Is the sampler name and signature on the COC?	
☐ Yes	☐ No		Were sample IDs listed on the COC and all sample containers?	
☐ Yes	☐ No		Was collection date & time listed on the COC and all sample containers?	
☐ Yes	☐ No		Did all container label information (ID, date, time) agree with the COC?	
☐ Yes	☐ No		Were tests to be performed listed on the COC?	
☐ Yes	☐ No		Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?	
☐ Yes	☐ No		Was adequate sample volume available?	
☐ Yes	☐ No		Were all samples received within ½ the holding time or 48 hours, whichever comes first?	
☐ Yes	☐ No		Were all samples containers accounted for? (No missing / excess)	
☐ Yes	☐ No	☐ NA	Were VOA, 8015C (GRO/VPH), and RSK-175 samples free of bubbles > "pea size" (1/4" or 6mm in diameter) in any of the VOA vials?	
☐ Yes	☐ No	☐ NA	Trip blank present?	
☐ Yes	☐ No	☐ NA	Filtered volume received for dissolved tests? *If no, list effected sample(s) in comments below.*	
☐ Yes	☐ No	☐ NA	Were all metals/nutrient samples received at a pH of < 2?	If No, was preservative added? ☐ Yes ☐ No If added, record lots. Dispenser/pipette lot #: _____
☐ Yes	☐ No	☐ NA	Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?	HNO_3 _____ H_2SO_4 _____ NaOH _____ Date: _____ Time: _____

Comments:

LELAP Certificate Number: 01955
A2LA Accredited (DoD ELAP-QSM 5.4) Certificate Number: 6429.01

ANALYTICAL RESULTS

PERFORMED BY

Pace Analytical Gulf Coast
7979 Innovation Park Dr.
Baton Rouge, LA 70820
(225) 769-4900

Report Date 02/22/2023

Report # 223021116

Project Unifirst - 2001642

Samples Collected 2/7/23 - 2/8/23

Deliver To	***Additional Recipients***
Jeff Holden GEI Consultants 1301 Trumansburg Rd Suite N Ithaca, NY 14850 607-216-8956	Wendy Moore, GEI Consultants

A2LA ACCREDITED
CERT # 6429.01

Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with Pace Gulf Coast's Standard Operating Procedures.

Common Abbreviations that may be Utilized in this Report

ND	Indicates the result was Not Detected at the specified reporting limit
NO	Indicates the sample did not ignite when preliminary test performed for EPA Method 1030
DO	Indicates the result was Diluted Out
MI	Indicates the result was subject to Matrix Interference
TNTC	Indicates the result was Too Numerous To Count
SUBC	Indicates the analysis was Sub-Contracted
FLD	Indicates the analysis was performed in the Field
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
RE	Re-analysis
CF	HPLC or GC Confirmation
00:01	Reported as a time equivalent to 12:00 AM

Reporting Flags that may be Utilized in this Report

J or I	Indicates the result is between the MDL and LOQ
J	DOD flag on analyte in the parent sample for MS/MSD outside acceptance criteria
U	Indicates the compound was analyzed for but not detected
B or V	Indicates the analyte was detected in the associated Method Blank
Q	Indicates a non-compliant QC Result (See Q Flag Application Report)
*****	Indicates a non-compliant or not applicable QC recovery or RPD – see narrative
E	Organics **-** The result is estimated because it exceeded the instrument calibration range
E	Metals - % diference for the serial dilution is > 10%
L	Reporting Limits adjusted to meet risk-based limit.
P	RPD between primary and confirmation result is greater than 40
DL	Diluted analysis – when appended to Client Sample ID

Sample receipt at Pace Gulf Coast is documented through the attached chain of custody. In accordance with NELAC, this report shall be reproduced only in full and with the written permission of Pace Gulf Coast. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with The NELAC Institute (TNI) Standard 2009 and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

Estimated uncertainty of measurement is available upon request. This report is in compliance with the DOD QSM as specified in the contract if applicable.



Authorized Signature
Pace Gulf Coast Report 223021116

Certifications

Certification	Certification Number
A2LA Accredited (DoD ELAP-QSM 5.4)	6429.01
Alabama	01955
Arkansas	88-0655
Colorado	01955
Delaware	01955
Florida	E87854
Georgia	01955
Hawaii	01955
Idaho	01955
Illinois	200048
Indiana	01955
Kansas	E-10354
Kentucky	95
Louisiana	01955
Maryland	01955
Massachusetts	01955
Michigan	01955
Mississippi	01955
Missouri	01955
Montana	N/A
Nebraska	01955
New Mexico	01955
North Carolina	618
North Dakota	R-195
Oklahoma	9403
South Carolina	73006001
South Dakota	01955
Tennessee	01955
Texas	T104704178
Vermont	01955
Virginia	460215
Washington	C929
USDA Soil Permit	P330-16-00234

Case Narrative

Client: GEI Consultants - Ithaca **Report:** 223021116

Pace Analytical Gulf Coast received and analyzed the sample(s) listed
on the Report Sample Summary page of this report. Receipt of the sample(s) is documented
by the attached chain of custody. This applies only to the sample(s) listed in this report.
No sample integrity or quality control exceptions were identified unless noted below.

No anomalies were found for the analyzed sample(s).

Sample Summary

Lab ID	Client ID	Matrix	Collect Date	Receive Date
22302111601	MW1_G	Water	2/07/23 09:30	2/11/23 09:44
22302111602	MW2_G	Water	2/07/23 12:00	2/11/23 09:44
22302111603	MW3S_G	Water	2/07/23 15:45	2/11/23 09:44
22302111604	MW3I_G	Water	2/08/23 10:30	2/11/23 09:44
22302111605	MW4S_G	Water	2/08/23 14:00	2/11/23 09:44
22302111606	MW4I_G	Water	2/08/23 16:45	2/11/23 09:44

Test Summary

AM23G					
Lab ID	**Client ID**	**Matrix**	**Batch**	**Instru**	**RunDate**
22302111601	MW1_G	Water	759904	IC6	2/15/23 21:30
22302111602	MW2_G	Water	759904	IC6	2/15/23 22:01
22302111603	MW3S_G	Water	759997	IC6	2/16/23 18:29
22302111604	MW3I_G	Water	759904	IC6	2/15/23 23:04
22302111605	MW4S_G	Water	759997	IC6	2/16/23 19:01
22302111606	MW4I_G	Water	759904	IC6	2/16/23 00:07

Manual Integrations

Manual Integrations for LC and IC (if performed) are documented in the raw data.
No other manual integrations were performed by Pace Gulf Coast.

Detect Summary

Results and Detection Limits are adjusted for dilution and moisture when applicable

AM23G						
Lab ID	**Client ID**	**Parameter**	**Units**	**Result**	**Dil.**	**%Moist**
22302111601	MW1_G	Acetic Acid	mg/L	6.7J	20	NA
22302111601	MW1_G	Formic Acid	mg/L	96	20	NA
22302111601	MW1_G	Hexanoic Acid	mg/L	ND	20	NA
22302111601	MW1_G	Lactic Acid	mg/L	ND	20	NA
22302111602	MW2_G	Acetic Acid	mg/L	8.3	10	NA
22302111602	MW2_G	Formic Acid	mg/L	52	10	NA
22302111602	MW2_G	Hexanoic Acid	mg/L	2.3J	10	NA
22302111602	MW2_G	Lactic Acid	mg/L	4.9J	10	NA
22302111602	MW2_G	Propionic Acid	mg/L	ND	10	NA
22302111603	MW3S_G	Acetic Acid	mg/L	350	100	NA
22302111603	MW3S_G	Butyric Acid	mg/L	36J	100	NA
22302111603	MW3S_G	Formic Acid	mg/L	100	100	NA
22302111603	MW3S_G	Lactic Acid	mg/L	ND	100	NA
22302111603	MW3S_G	Pentanoic Acid	mg/L	ND	100	NA
22302111603	MW3S_G	Propionic Acid	mg/L	730	100	NA
22302111604	MW3I_G	Acetic Acid	mg/L	31	10	NA
22302111604	MW3I_G	Butyric Acid	mg/L	6.6	10	NA
22302111604	MW3I_G	Formic Acid	mg/L	55	10	NA
22302111604	MW3I_G	Hexanoic Acid	mg/L	ND	10	NA
22302111604	MW3I_G	Lactic Acid	mg/L	3.9J	10	NA
22302111604	MW3I_G	Propionic Acid	mg/L	84	10	NA
22302111604	MW3I_G	Pyruvic Acid	mg/L	ND	10	NA
22302111605	MW4S_G	Acetic Acid	mg/L	140	50	NA
22302111605	MW4S_G	Butyric Acid	mg/L	57	50	NA
22302111605	MW4S_G	Formic Acid	mg/L	53	50	NA
22302111605	MW4S_G	Hexanoic Acid	mg/L	ND	50	NA
22302111605	MW4S_G	Pentanoic Acid	mg/L	14J	50	NA
22302111605	MW4S_G	Propionic Acid	mg/L	380	50	NA
22302111605	MW4S_G	Pyruvic Acid	mg/L	ND	50	NA
22302111606	MW4I_G	Acetic Acid	mg/L	36	10	NA
22302111606	MW4I_G	Butyric Acid	mg/L	11	10	NA
22302111606	MW4I_G	Formic Acid	mg/L	57	10	NA
22302111606	MW4I_G	Hexanoic Acid	mg/L	ND	10	NA
22302111606	MW4I_G	Lactic Acid	mg/L	2.8J	10	NA
22302111606	MW4I_G	Pentanoic Acid	mg/L	3.1J	10	NA
22302111606	MW4I_G	Propionic Acid	mg/L	93	10	NA
22302111606	MW4I_G	Pyruvic Acid	mg/L	ND	10	NA

AM23G

Form I

Sample Results

I - GENERAL CHEMISTRY ANALYSIS DATA SHEET

Report No:	223021116	Client Sample ID:	MW1_G
Collect Date:	02/07/23 0930	LAB Sample ID:	22302111601
Matrix:	Water	Instrument ID:	IC6
% Solids:	NA	Analyst:	LHM
Sample Amt:	NA	Lab File ID:	NA
Prep Vol.:	NA	Dilution Factor:	20
Prep Date:	NA	Analysis Date:	02/15/23 2130
Prep Batch:	NA	Analytical Batch:	759904
Prep Method:	NA	Analytical Method:	AM23G

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	6.7	mg/L	J	2.5	10
Butyric Acid	1.2	mg/L	U	1.2	10
Formic Acid	96	mg/L		1.1	10
Hexanoic Acid	1.7	mg/L	J	1.2	10
Lactic Acid	3.9	mg/L	J	1.1	10
Pentanoic Acid	1.1	mg/L	U	1.1	10
Propionic Acid	1.1	mg/L	U	1.1	10
Pyruvic Acid	1.2	mg/L	U	1.2	10
i-Hexanoic Acid	1.1	mg/L	U	1.1	10
i-Pentanoic Acid	1.2	mg/L	U	1.2	10

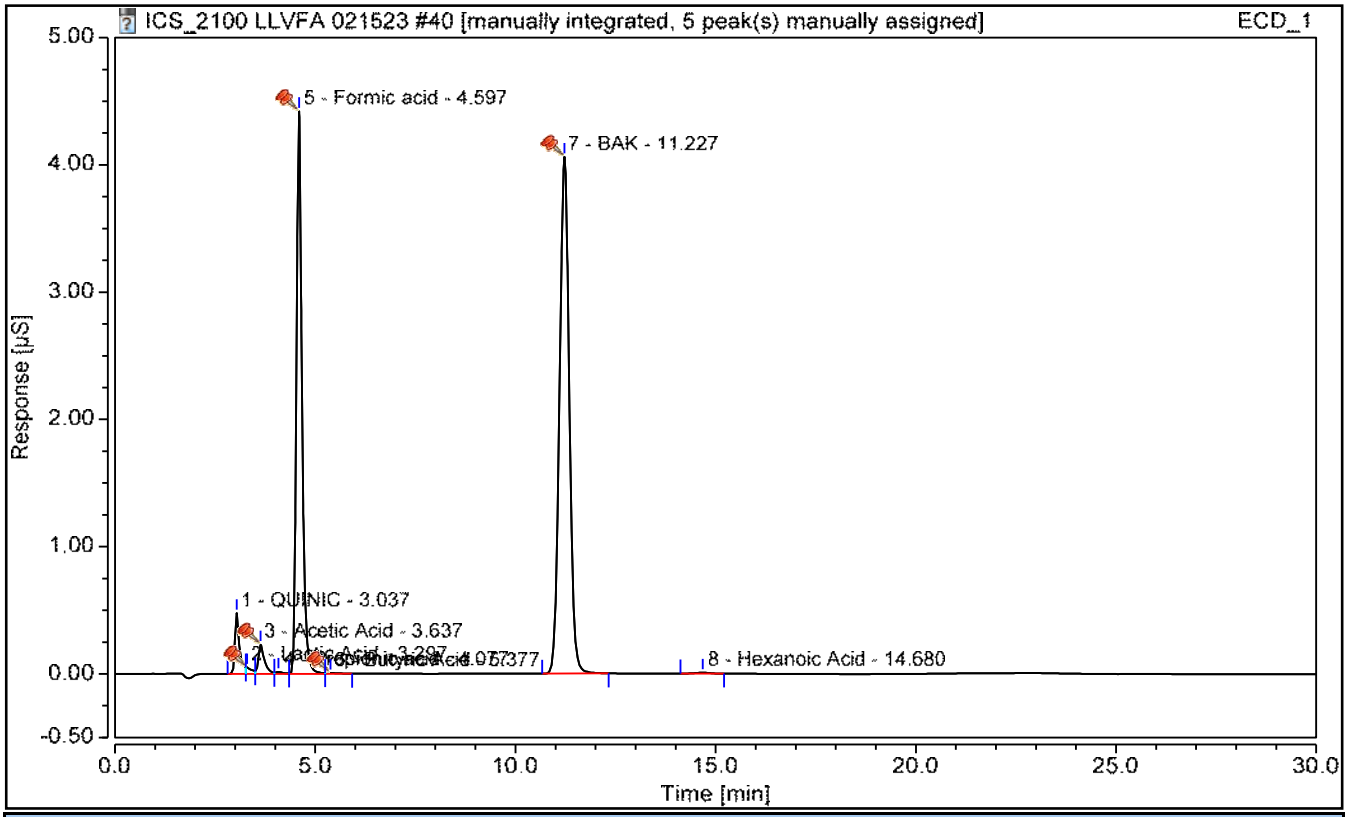
FORM I - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**22302111601**	*Operator:*	**LHM**
Vial Number:	**BB1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**20**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 21:30**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.037	0.064	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.297	0.008	3.9014	n.a.	n.a.	n.a.
3	Acetic Acid	3.637	0.040	6.7138	n.a.	n.a.	n.a.
4	Propionic acid	4.077	0.003	0.8923	n.a.	n.a.	n.a.
5	Formic acid	4.597	0.713	96.0405	n.a.	n.a.	n.a.
6	Butyric Acid	5.377	0.002	0.7355	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7	BAK	11.227	1.149	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8	Hexanoic Acid	14.680	0.003	1.6768	n.a.	n.a.	n.a.

I - GENERAL CHEMISTRY ANALYSIS DATA SHEET

Report No:	223021116	Client Sample ID:	MW2_G
Collect Date:	02/07/23 1200	LAB Sample ID:	22302111602
Matrix:	Water	Instrument ID:	IC6
% Solids:	NA	Analyst:	LHM
Sample Amt:	NA	Lab File ID:	NA
Prep Vol.:	NA	Dilution Factor:	10
Prep Date:	NA	Analysis Date:	02/15/23 2201
Prep Batch:	NA	Analytical Batch:	759904
Prep Method:	NA	Analytical Method:	AM23G

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	8.3	mg/L		1.2	5.0
Butyric Acid	0.58	mg/L	U	0.58	5.0
Formic Acid	52	mg/L		0.55	5.0
Hexanoic Acid	2.3	mg/L	J	0.58	5.0
Lactic Acid	4.9	mg/L	J	0.53	5.0
Pentanoic Acid	0.56	mg/L	U	0.56	5.0
Propionic Acid	0.85	mg/L	J	0.53	5.0
Pyruvic Acid	0.60	mg/L	U	0.60	5.0
i-Hexanoic Acid	0.56	mg/L	U	0.56	5.0
i-Pentanoic Acid	0.61	mg/L	U	0.61	5.0

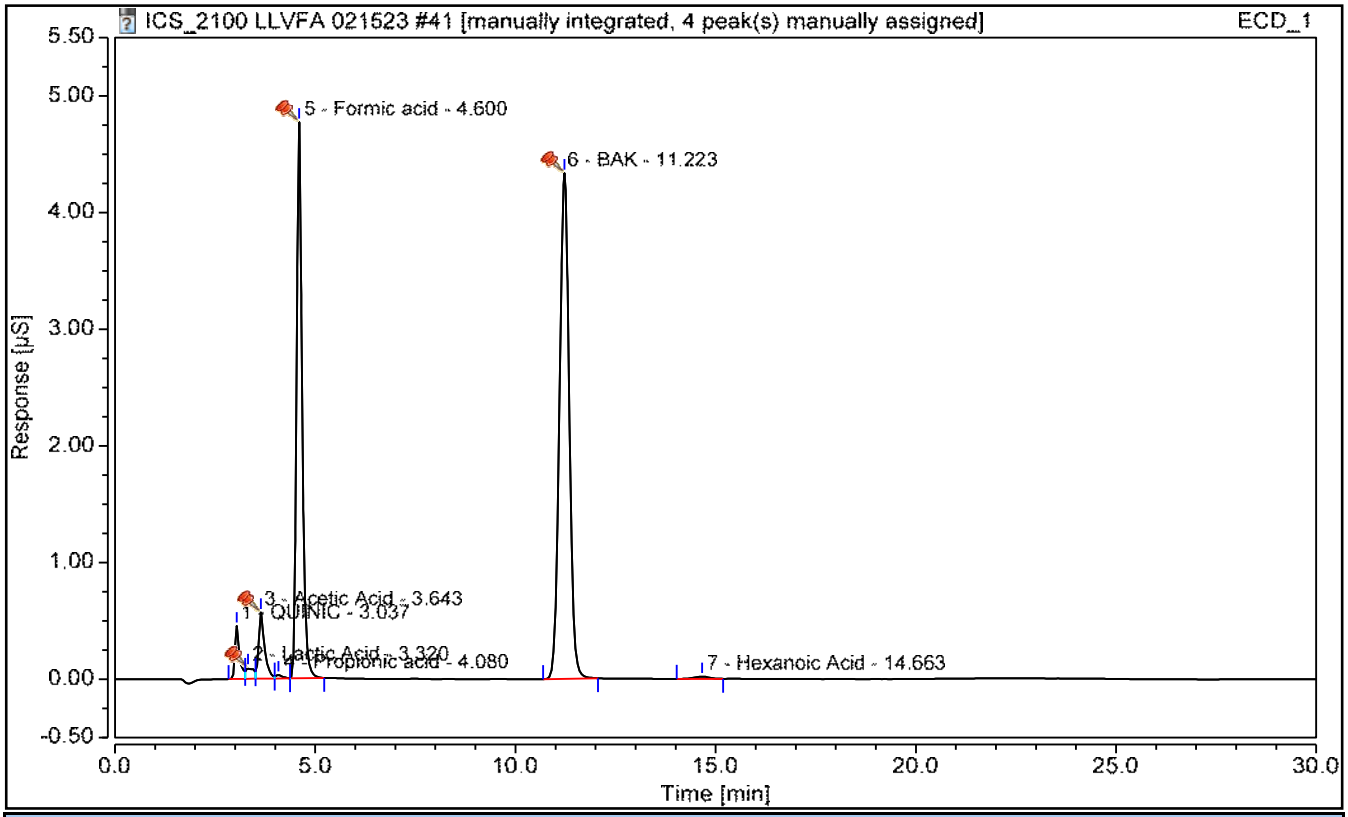
FORM I - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**22302111602**	*Operator:*	**LHM**
Vial Number:	**BB2**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 22:01**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.037	0.060	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.320	0.021	4.8820	n.a.	n.a.	n.a.
3	Acetic Acid	3.643	0.098	8.3301	n.a.	n.a.	n.a.
4	Propionic acid	4.080	0.006	0.8509	n.a.	n.a.	n.a.
5	Formic acid	4.600	0.769	51.7519	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	BAK	11.223	1.224	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7	Hexanoic Acid	14.663	0.008	2.3483	n.a.	n.a.	n.a.

I - GENERAL CHEMISTRY ANALYSIS DATA SHEET

Report No:	223021116	Client Sample ID:	MW3S_G
Collect Date:	02/07/23 1545	LAB Sample ID:	22302111603
Matrix:	Water	Instrument ID:	IC6
% Solids:	NA	Analyst:	LHM
Sample Amt:	NA	Lab File ID:	NA
Prep Vol.:	NA	Dilution Factor:	100
Prep Date:	NA	Analysis Date:	02/16/23 1829
Prep Batch:	NA	Analytical Batch:	759997
Prep Method:	NA	Analytical Method:	AM23G

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	350	mg/L		12	50
Butyric Acid	36	mg/L	J	5.8	50
Formic Acid	100	mg/L		5.5	50
Hexanoic Acid	5.8	mg/L	U	5.8	50
Lactic Acid	6.7	mg/L	J	5.3	50
Pentanoic Acid	7.6	mg/L	J	5.6	50
Propionic Acid	730	mg/L		5.3	50
Pyruvic Acid	6.0	mg/L	U	6.0	50
i-Hexanoic Acid	5.6	mg/L	U	5.6	50
i-Pentanoic Acid	6.1	mg/L	U	6.1	50

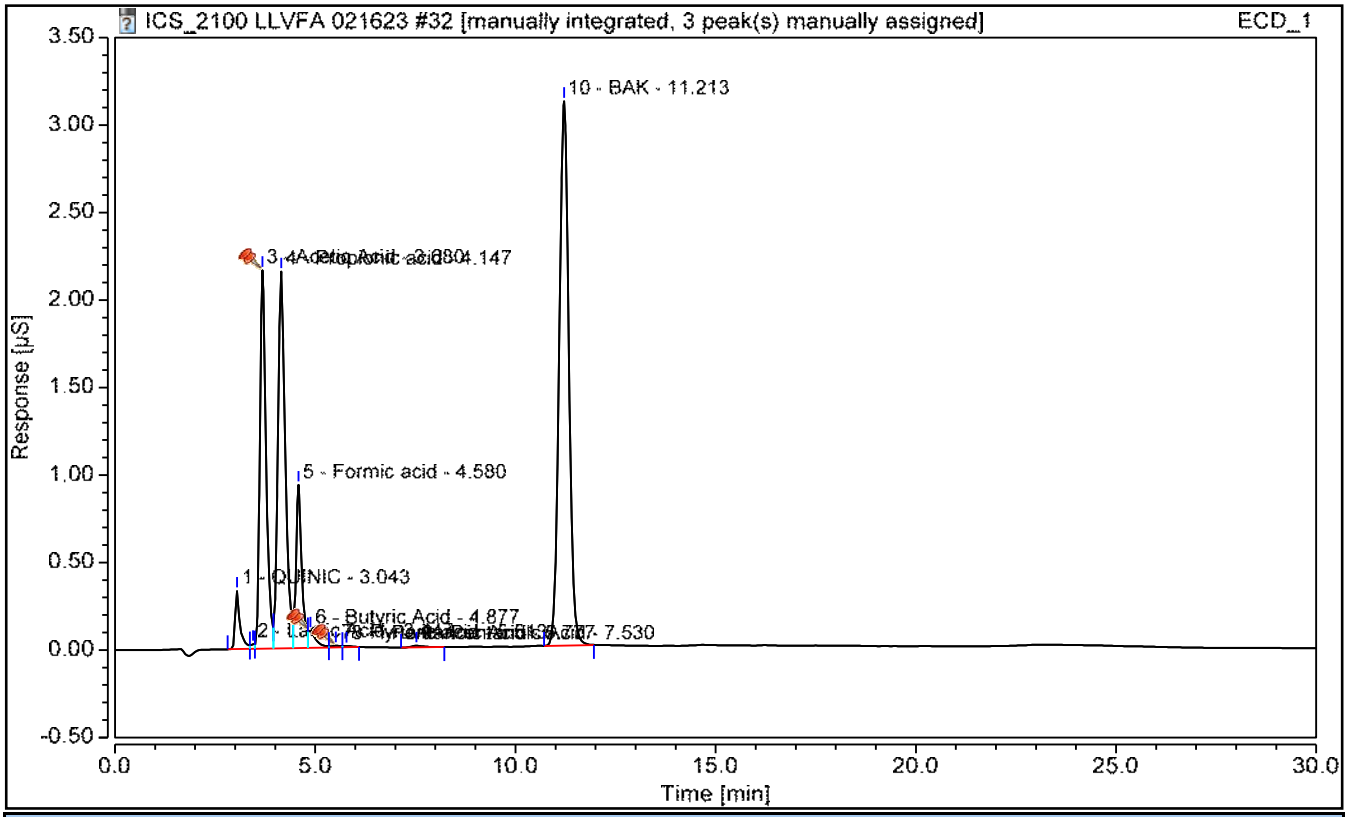
FORM I - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**22302111603**	*Operator:*	**LHM**
Vial Number:	**BA3**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**100**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 18:29**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.043	0.048	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.447	0.003	6.6623	n.a.	n.a.	n.a.
3	Acetic Acid	3.680	0.390	349.4172	n.a.	n.a.	n.a.
4	Propionic acid	4.147	0.464	732.9376	n.a.	n.a.	n.a.
5	Formic acid	4.580	0.154	104.2842	n.a.	n.a.	n.a.
6	Butyric Acid	4.877	0.022	35.8320	n.a.	n.a.	n.a.
7	Pyruvic acid	5.513	0.003	4.5412	n.a.	n.a.	n.a.
8	i-Pentanoic Acid	5.777	0.002	3.3175	n.a.	n.a.	n.a.
9	Pentanoic Acid	7.530	0.003	7.6052	n.a.	n.a.	n.a.
10	BAK	11.213	0.868	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

I - GENERAL CHEMISTRY ANALYSIS DATA SHEET

Report No:	223021116	Client Sample ID:	MW3I_G
Collect Date:	02/08/23 1030	LAB Sample ID:	22302111604
Matrix:	Water	Instrument ID:	IC6
% Solids:	NA	Analyst:	LHM
Sample Amt:	NA	Lab File ID:	NA
Prep Vol.:	NA	Dilution Factor:	10
Prep Date:	NA	Analysis Date:	02/15/23 2304
Prep Batch:	NA	Analytical Batch:	759904
Prep Method:	NA	Analytical Method:	AM23G

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	31	mg/L		1.2	5.0
Butyric Acid	6.6	mg/L		0.58	5.0
Formic Acid	55	mg/L		0.55	5.0
Hexanoic Acid	1.1	mg/L	J	0.58	5.0
Lactic Acid	3.9	mg/L	J	0.53	5.0
Pentanoic Acid	0.56	mg/L	U	0.56	5.0
Propionic Acid	84	mg/L		0.53	5.0
Pyruvic Acid	0.75	mg/L	J	0.60	5.0
i-Hexanoic Acid	0.56	mg/L	U	0.56	5.0
i-Pentanoic Acid	0.61	mg/L	U	0.61	5.0

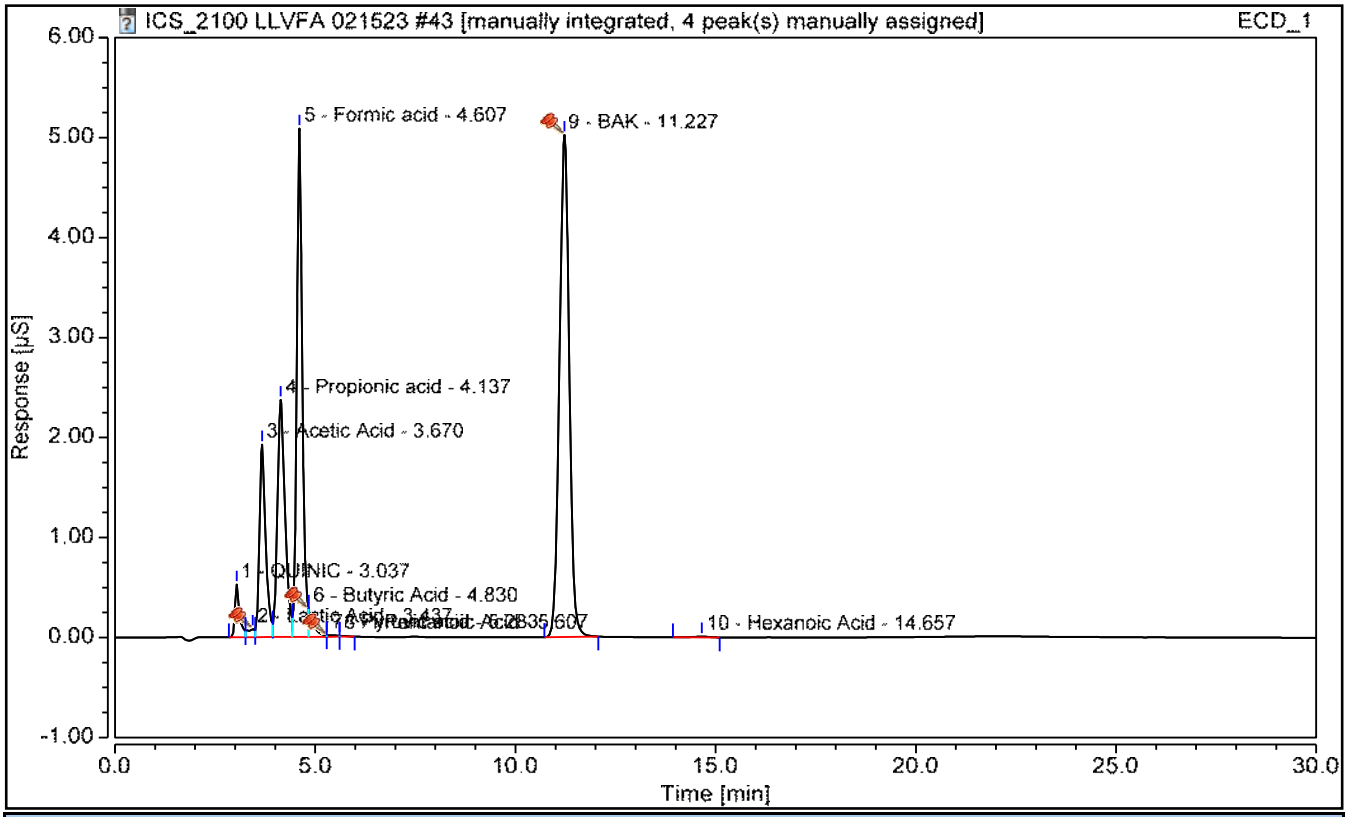
FORM I - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**22302111604**	*Operator:*	**LHM**
Vial Number:	**BB4**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 23:04**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.037	0.071	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.437	0.016	3.8850	n.a.	n.a.	n.a.
3	Acetic Acid	3.670	0.351	31.1493	n.a.	n.a.	n.a.
4	Propionic acid	4.137	0.525	84.4504	n.a.	n.a.	n.a.
5	Formic acid	4.607	0.816	54.9116	n.a.	n.a.	n.a.
6	Butyric Acid	4.830	0.040	6.5882	n.a.	n.a.	n.a.
7	Pyruvic acid	5.283	0.004	0.7457	n.a.	n.a.	n.a.
8	i-Pentanoic Acid	5.607	0.002	0.3613	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	BAK	11.227	1.426	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10	Hexanoic Acid	14.657	0.004	1.0935	n.a.	n.a.	n.a.

I - GENERAL CHEMISTRY ANALYSIS DATA SHEET

Report No:	223021116	Client Sample ID:	MW4S_G
Collect Date:	02/08/23 1400	LAB Sample ID:	22302111605
Matrix:	Water	Instrument ID:	IC6
% Solids:	NA	Analyst:	LHM
Sample Amt:	NA	Lab File ID:	NA
Prep Vol.:	NA	Dilution Factor:	50
Prep Date:	NA	Analysis Date:	02/16/23 1901
Prep Batch:	NA	Analytical Batch:	759997
Prep Method:	NA	Analytical Method:	AM23G

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	140	mg/L		6.2	25
Butyric Acid	57	mg/L		2.9	25
Formic Acid	53	mg/L		2.7	25
Hexanoic Acid	3.8	mg/L	J	2.9	25
Lactic Acid	2.7	mg/L	U	2.7	25
Pentanoic Acid	14	mg/L	J	2.8	25
Propionic Acid	380	mg/L		2.7	25
Pyruvic Acid	3.3	mg/L	J	3.0	25
i-Hexanoic Acid	2.8	mg/L	U	2.8	25
i-Pentanoic Acid	3.0	mg/L	U	3.0	25

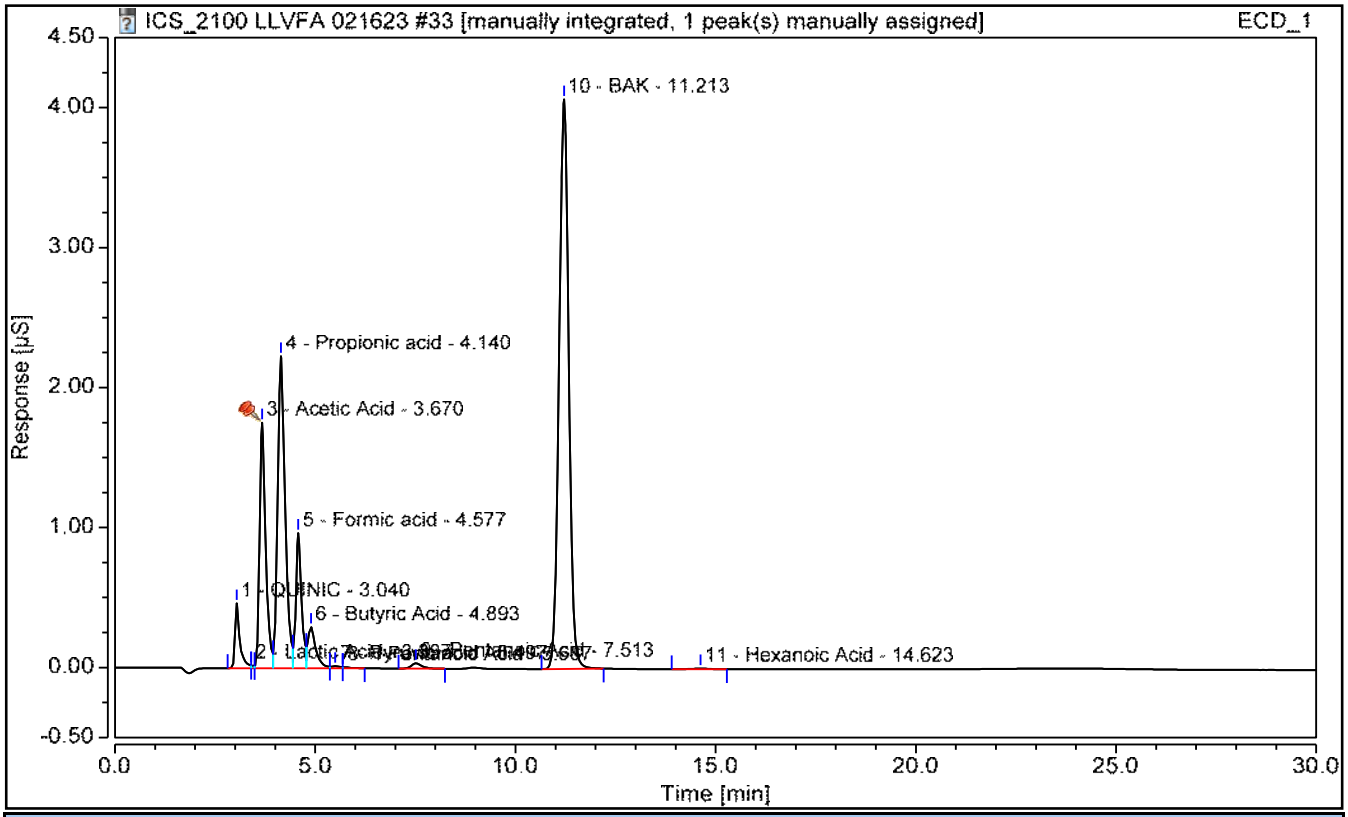
FORM I - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**22302111605**	*Operator:*	**LHM**
Vial Number:	**BA4**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**50**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 19:01**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.040	0.065	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.397	0.002	1.7988	n.a.	n.a.	n.a.
3	Acetic Acid	3.670	0.310	136.8232	n.a.	n.a.	n.a.
4	Propionic acid	4.140	0.483	383.6724	n.a.	n.a.	n.a.
5	Formic acid	4.577	0.156	52.8461	n.a.	n.a.	n.a.
6	Butyric Acid	4.893	0.069	57.3832	n.a.	n.a.	n.a.
7	Pyruvic acid	5.497	0.004	3.2651	n.a.	n.a.	n.a.
8	i-Pentanoic Acid	5.687	0.002	1.5098	n.a.	n.a.	n.a.
9	Pentanoic Acid	7.513	0.012	13.6586	n.a.	n.a.	n.a.
10	BAK	11.213	1.143	n.a.	n.a.	n.a.	n.a.
11	Hexanoic Acid	14.623	0.003	3.7883	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

I - GENERAL CHEMISTRY ANALYSIS DATA SHEET

Report No:	223021116	Client Sample ID:	MW4I_G
Collect Date:	02/08/23 1645	LAB Sample ID:	22302111606
Matrix:	Water	Instrument ID:	IC6
% Solids:	NA	Analyst:	LHM
Sample Amt:	NA	Lab File ID:	NA
Prep Vol.:	NA	Dilution Factor:	10
Prep Date:	NA	Analysis Date:	02/16/23 0007
Prep Batch:	NA	Analytical Batch:	759904
Prep Method:	NA	Analytical Method:	AM23G

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Formic Acid	57	mg/L		0.55	5.0
Hexanoic Acid	1.2	mg/L	J	0.58	5.0
Lactic Acid	2.8	mg/L	J	0.53	5.0
Pentanoic Acid	3.1	mg/L	J	0.56	5.0
Propionic Acid	93	mg/L		0.53	5.0
Pyruvic Acid	1.0	mg/L	J	0.60	5.0
i-Hexanoic Acid	0.56	mg/L	U	0.56	5.0
i-Pentanoic Acid	0.61	mg/L	U	0.61	5.0
Acetic Acid	36	mg/L		1.2	5.0
Butyric Acid	11	mg/L		0.58	5.0

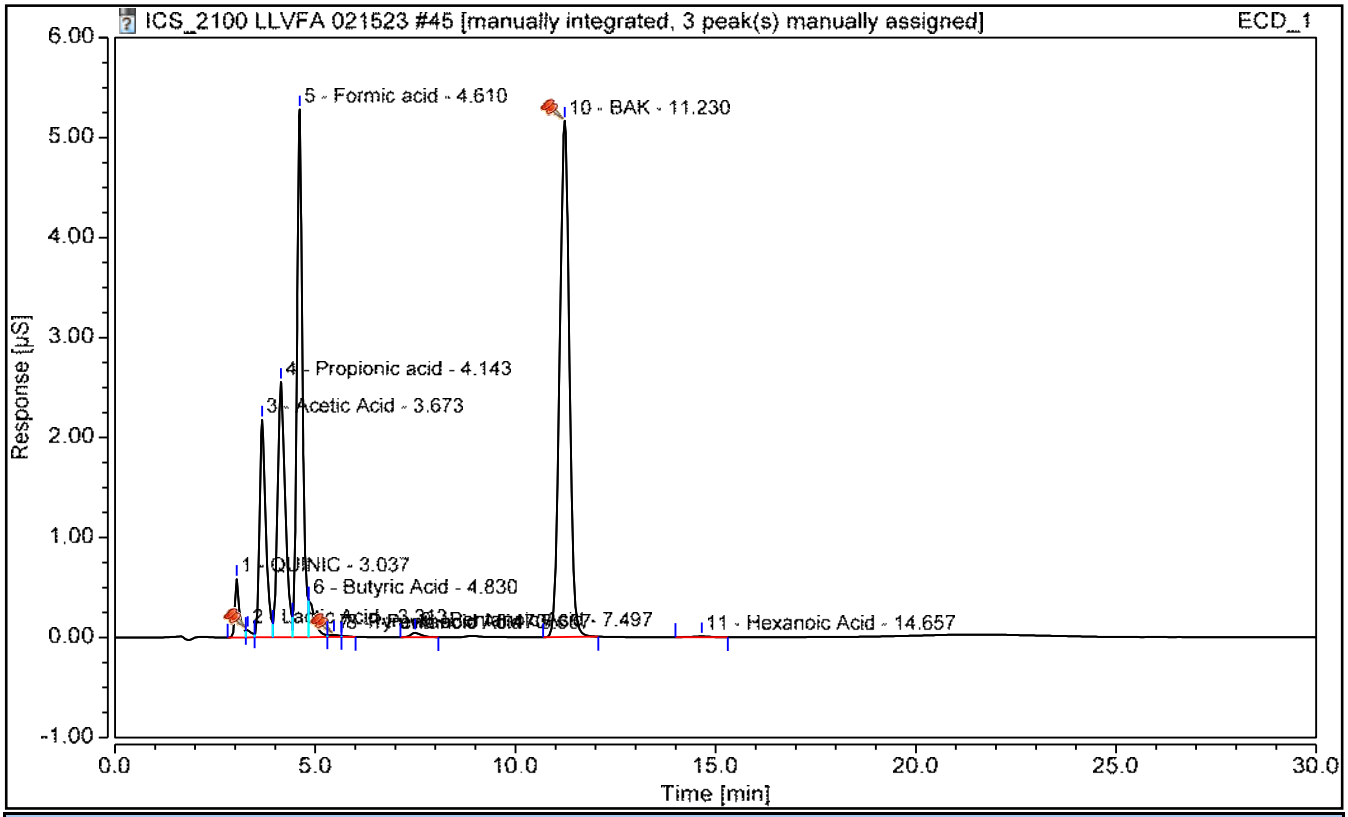
FORM I - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**22302111606**	*Operator:*	**LHM**
Vial Number:	**BB6**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**10**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 00:07**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.037	0.078	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.313	0.012	2.8457	n.a.	n.a.	n.a.
3	Acetic Acid	3.673	0.397	35.6106	n.a.	n.a.	n.a.
4	Propionic acid	4.143	0.568	92.5220	n.a.	n.a.	n.a.
5	Formic acid	4.610	0.847	56.9540	n.a.	n.a.	n.a.
6	Butyric Acid	4.830	0.066	10.8485	n.a.	n.a.	n.a.
7	Pyruvic acid	5.470	0.006	1.0400	n.a.	n.a.	n.a.
8	i-Pentanoic Acid	5.657	0.002	0.3311	n.a.	n.a.	n.a.
9	Pentanoic Acid	7.497	0.013	3.0533	n.a.	n.a.	n.a.
10	BAK	11.230	1.458	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	Hexanoic Acid	14.657	0.004	1.1608	n.a.	n.a.	n.a.

AM23G

Form II

Calibration Verifications

II - CONTINUING CALIBRATION VERIFICATION

Report No:	223021116	Instrument ID:	IC6
Analysis Date:	02/15/23 1304	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759904

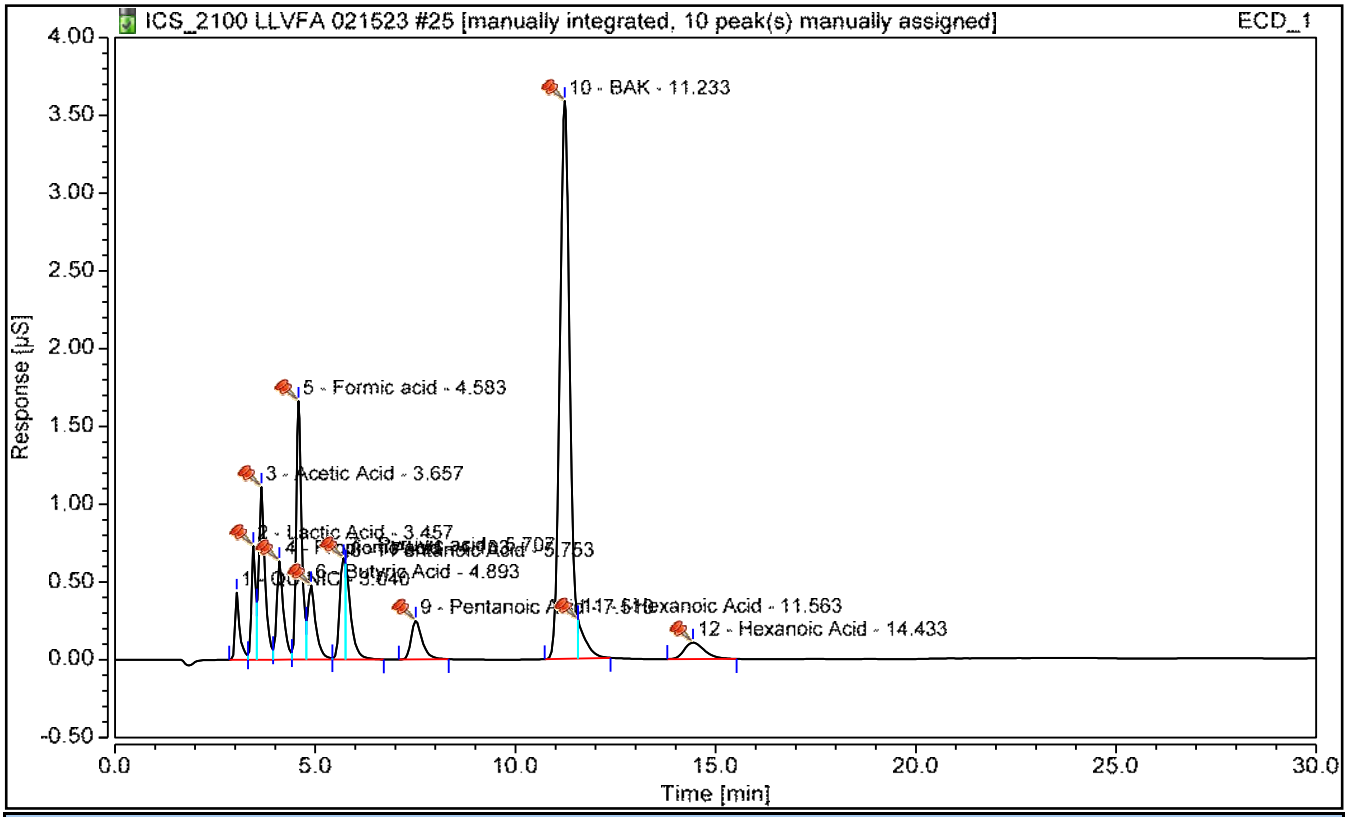
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*% REC*	*LCL*	*UCL*	*Q*
Acetic Acid	mg/L	2.00	1.70	86.6	70	130	
Butyric Acid	mg/L	2.00	1.90	93.3	70	130	
Formic Acid	mg/L	2.00	1.80	88.1	70	130	
Hexanoic Acid	mg/L	2.00	1.80	89.2	70	130	
Lactic Acid	mg/L	2.00	2.00	102	70	130	
Pentanoic Acid	mg/L	2.00	1.90	92.7	70	130	
Propionic Acid	mg/L	2.00	1.80	91.9	70	130	
Pyruvic Acid	mg/L	2.00	1.80	88	70	130	
i-Hexanoic Acid	mg/L	2.00	1.80	92.4	70	130	
i-Pentanoic Acid	mg/L	2.00	1.90	93	70	130	

Chromatogram and Results

Injection Details

Injection Name:	**CCV**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 13:04**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.040	0.059	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.457	0.088	2.0354	0.0354	2.0000	101.77
3	Acetic Acid	3.657	0.200	1.7312	-0.2688	2.0000	86.56
4	Propionic acid	4.103	0.126	1.8381	-0.1619	2.0000	91.90
5	Formic acid	4.583	0.260	1.7615	-0.2385	2.0000	88.08
6	Butyric Acid	4.893	0.112	1.8650	-0.1350	2.0000	93.25
7	Pyruvic acid	5.707	0.101	1.7585	-0.2415	2.0000	87.92
8	i-Pentanoic Acid	5.753	0.096	1.8596	-0.1404	2.0000	92.98
9	Pentanoic Acid	7.510	0.080	1.8538	-0.1462	2.0000	92.69
10	BAK	11.233	1.026	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.563	0.052	1.8472	-0.1528	2.0000	92.36
12	Hexanoic Acid	14.433	0.062	1.7829	-0.2171	2.0000	89.15

II - CONTINUING CALIBRATION VERIFICATION

Report No:	223021116	Instrument ID:	IC6
Analysis Date:	02/15/23 1923	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759904

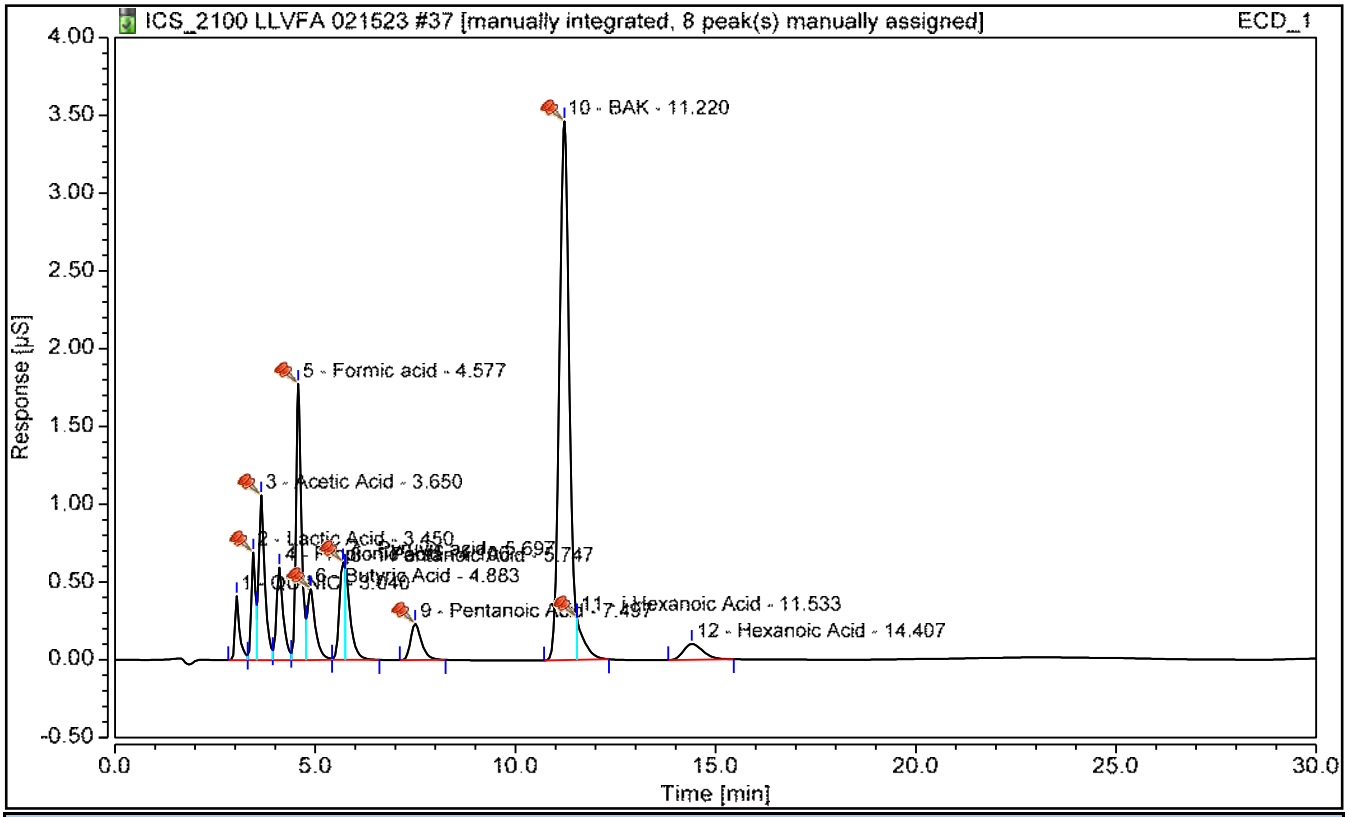
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*% REC*	*LCL*	*UCL*	*Q*
Acetic Acid	mg/L	2.00	1.60	82	70	130	
Butyric Acid	mg/L	2.00	1.80	88.9	70	130	
Formic Acid	mg/L	2.00	1.90	93.8	70	130	
Hexanoic Acid	mg/L	2.00	1.70	84.4	70	130	
Lactic Acid	mg/L	2.00	1.90	96.7	70	130	
Pentanoic Acid	mg/L	2.00	1.70	85.9	70	130	
Propionic Acid	mg/L	2.00	1.70	85.7	70	130	
Pyruvic Acid	mg/L	2.00	1.70	85.3	70	130	
i-Hexanoic Acid	mg/L	2.00	1.90	95.3	70	130	
i-Pentanoic Acid	mg/L	2.00	1.70	85	70	130	

Chromatogram and Results

Injection Details

Injection Name:	**CCV**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 19:23**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.040	0.056	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.450	0.083	1.9338	-0.0662	2.0000	96.69
3	Acetic Acid	3.650	0.190	1.6399	-0.3601	2.0000	81.99
4	Propionic acid	4.100	0.118	1.7133	-0.2867	2.0000	85.66
5	Formic acid	4.577	0.277	1.8752	-0.1248	2.0000	93.76
6	Butyric Acid	4.883	0.107	1.7781	-0.2219	2.0000	88.91
7	Pyruvic acid	5.697	0.098	1.7056	-0.2944	2.0000	85.28
8	i-Pentanoic Acid	5.747	0.088	1.6999	-0.3001	2.0000	84.99
9	Pentanoic Acid	7.497	0.074	1.7183	-0.2817	2.0000	85.91
10	BAK	11.220	0.988	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.533	0.054	1.9051	-0.0949	2.0000	95.25
12	Hexanoic Acid	14.407	0.059	1.6873	-0.3127	2.0000	84.37

II - CONTINUING CALIBRATION VERIFICATION

Report No:	223021116	Instrument ID:	IC6
Analysis Date:	02/16/23 0111	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759904

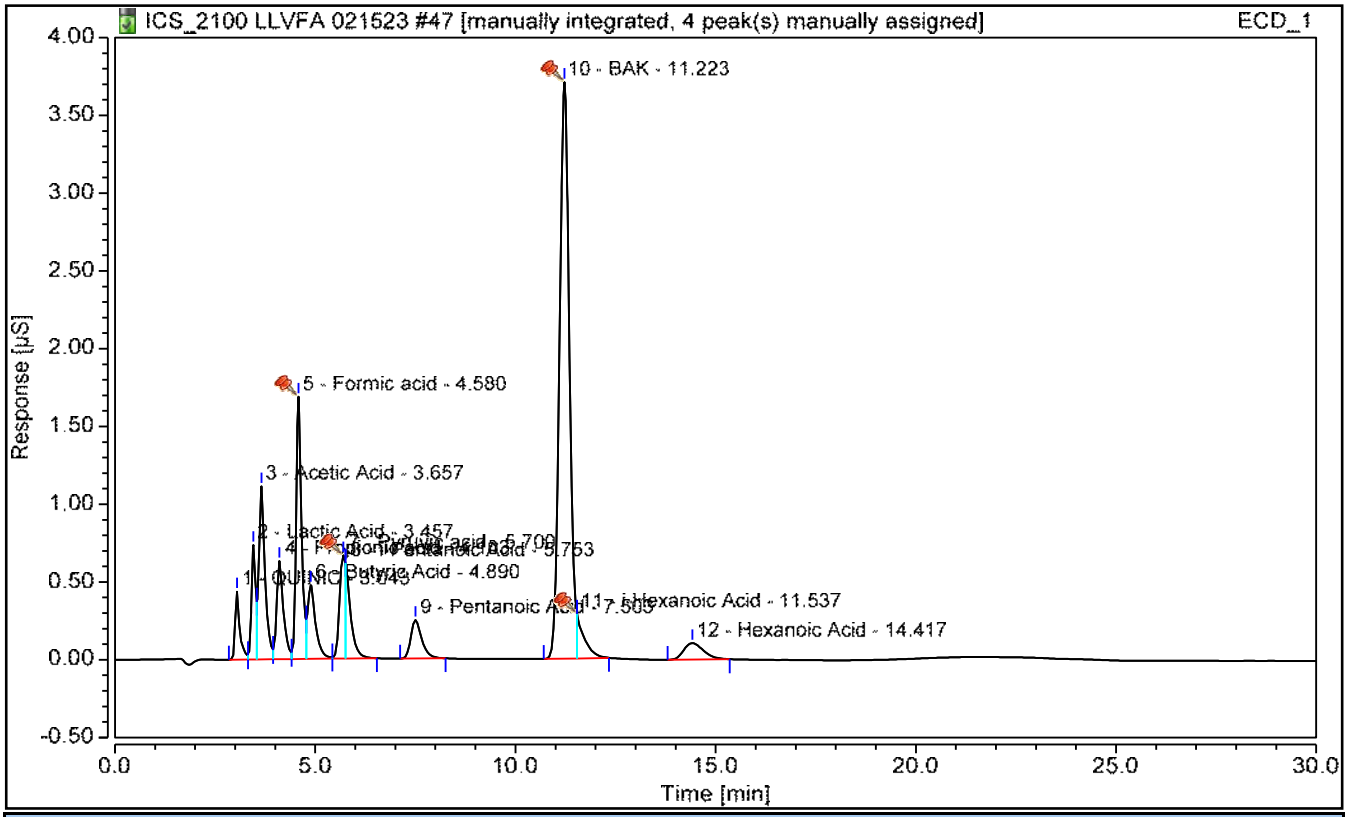
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*% REC*	*LCL*	*UCL*	*Q*
Acetic Acid	mg/L	2.00	1.70	86.7	70	130	
Butyric Acid	mg/L	2.00	1.80	91.8	70	130	
Formic Acid	mg/L	2.00	1.80	89.5	70	130	
Hexanoic Acid	mg/L	2.00	1.80	87.8	70	130	
Lactic Acid	mg/L	2.00	2.00	102	70	130	
Pentanoic Acid	mg/L	2.00	1.80	91	70	130	
Propionic Acid	mg/L	2.00	1.80	91.3	70	130	
Pyruvic Acid	mg/L	2.00	1.80	92.4	70	130	
i-Hexanoic Acid	mg/L	2.00	2.10	103	70	130	
i-Pentanoic Acid	mg/L	2.00	1.80	87.7	70	130	

Chromatogram and Results

Injection Details

Injection Name:	**CCV**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 01:11**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.043	0.060	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.457	0.088	2.0462	0.0462	2.0000	102.31
3	Acetic Acid	3.657	0.200	1.7340	-0.2660	2.0000	86.70
4	Propionic acid	4.103	0.125	1.8249	-0.1751	2.0000	91.25
5	Formic acid	4.580	0.264	1.7890	-0.2110	2.0000	89.45
6	Butyric Acid	4.890	0.110	1.8356	-0.1644	2.0000	91.78
7	Pyruvic acid	5.700	0.106	1.8474	-0.1526	2.0000	92.37
8	i-Pentanoic Acid	5.753	0.091	1.7541	-0.2459	2.0000	87.71
9	Pentanoic Acid	7.503	0.079	1.8186	-0.1814	2.0000	90.93
10	BAK	11.223	1.057	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.537	0.058	2.0531	0.0531	2.0000	102.65
12	Hexanoic Acid	14.417	0.061	1.7564	-0.2436	2.0000	87.82

II - CONTINUING CALIBRATION VERIFICATION

Report No:	223021116	Instrument ID:	IC6
Analysis Date:	02/16/23 1313	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759997

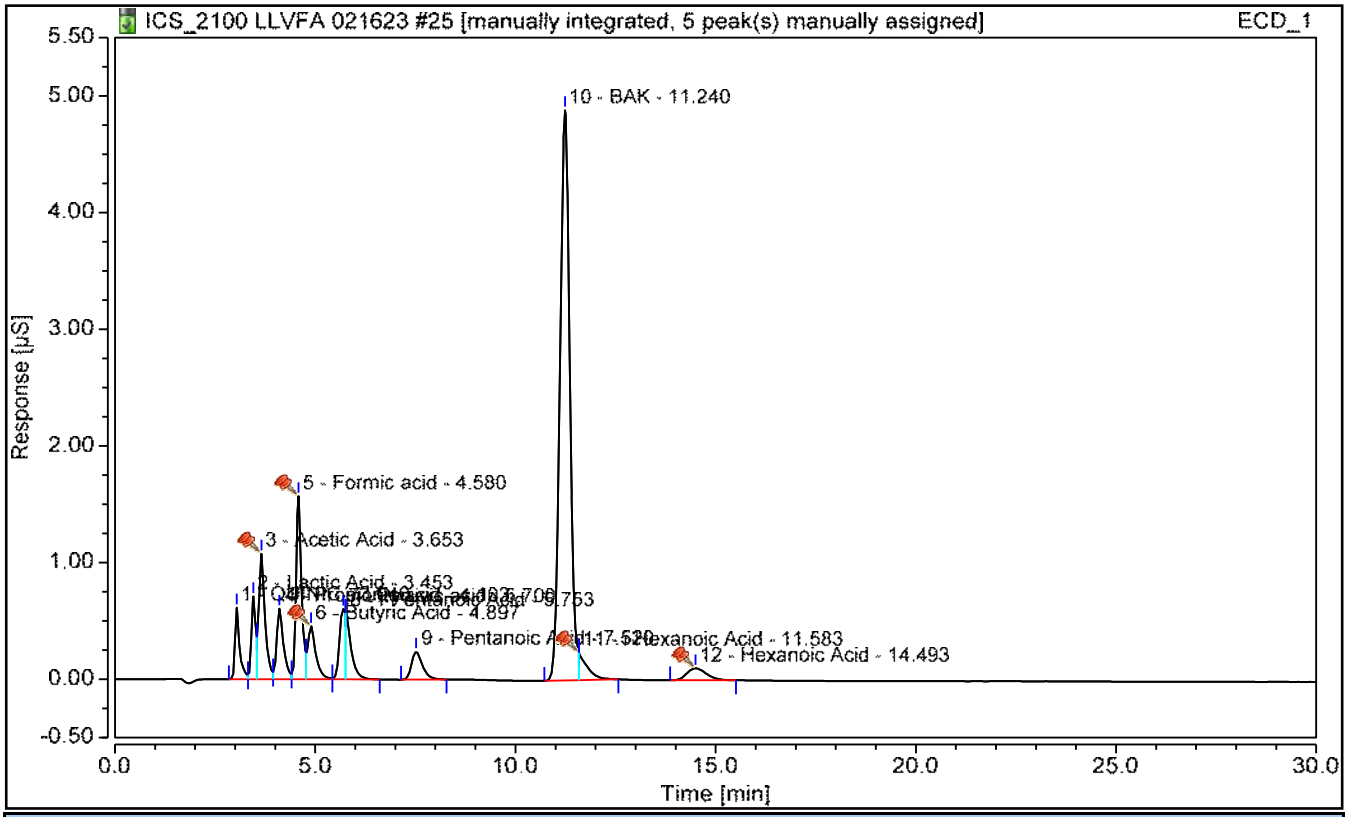
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*% REC*	*LCL*	*UCL*	*Q*
Acetic Acid	mg/L	2.00	1.70	84.4	70	130	
Butyric Acid	mg/L	2.00	1.80	89.7	70	130	
Formic Acid	mg/L	2.00	1.70	83.5	70	130	
Hexanoic Acid	mg/L	2.00	1.70	84.2	70	130	
Lactic Acid	mg/L	2.00	2.00	98.8	70	130	
Pentanoic Acid	mg/L	2.00	1.80	88.8	70	130	
Propionic Acid	mg/L	2.00	1.80	87.9	70	130	
Pyruvic Acid	mg/L	2.00	1.70	84.4	70	130	
i-Hexanoic Acid	mg/L	2.00	2.00	99.6	70	130	
i-Pentanoic Acid	mg/L	2.00	1.80	88.7	70	130	

Chromatogram and Results

Injection Details

Injection Name:	**CCV**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 13:13**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.040	0.083	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.453	0.085	1.9763	-0.0237	2.0000	98.81
3	Acetic Acid	3.653	0.195	1.6872	-0.3128	2.0000	84.36
4	Propionic acid	4.103	0.121	1.7569	-0.2431	2.0000	87.85
5	Formic acid	4.580	0.246	1.6687	-0.3313	2.0000	83.43
6	Butyric Acid	4.897	0.108	1.7927	-0.2073	2.0000	89.63
7	Pyruvic acid	5.700	0.097	1.6866	-0.3134	2.0000	84.33
8	i-Pentanoic Acid	5.753	0.092	1.7743	-0.2257	2.0000	88.71
9	Pentanoic Acid	7.520	0.077	1.7759	-0.2241	2.0000	88.80
10	BAK	11.240	1.395	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.583	0.056	1.9910	-0.0090	2.0000	99.55
12	Hexanoic Acid	14.493	0.059	1.6840	-0.3160	2.0000	84.20

II - CONTINUING CALIBRATION VERIFICATION

Report No:	223021116	Instrument ID:	IC6
Analysis Date:	02/16/23 1932	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759997

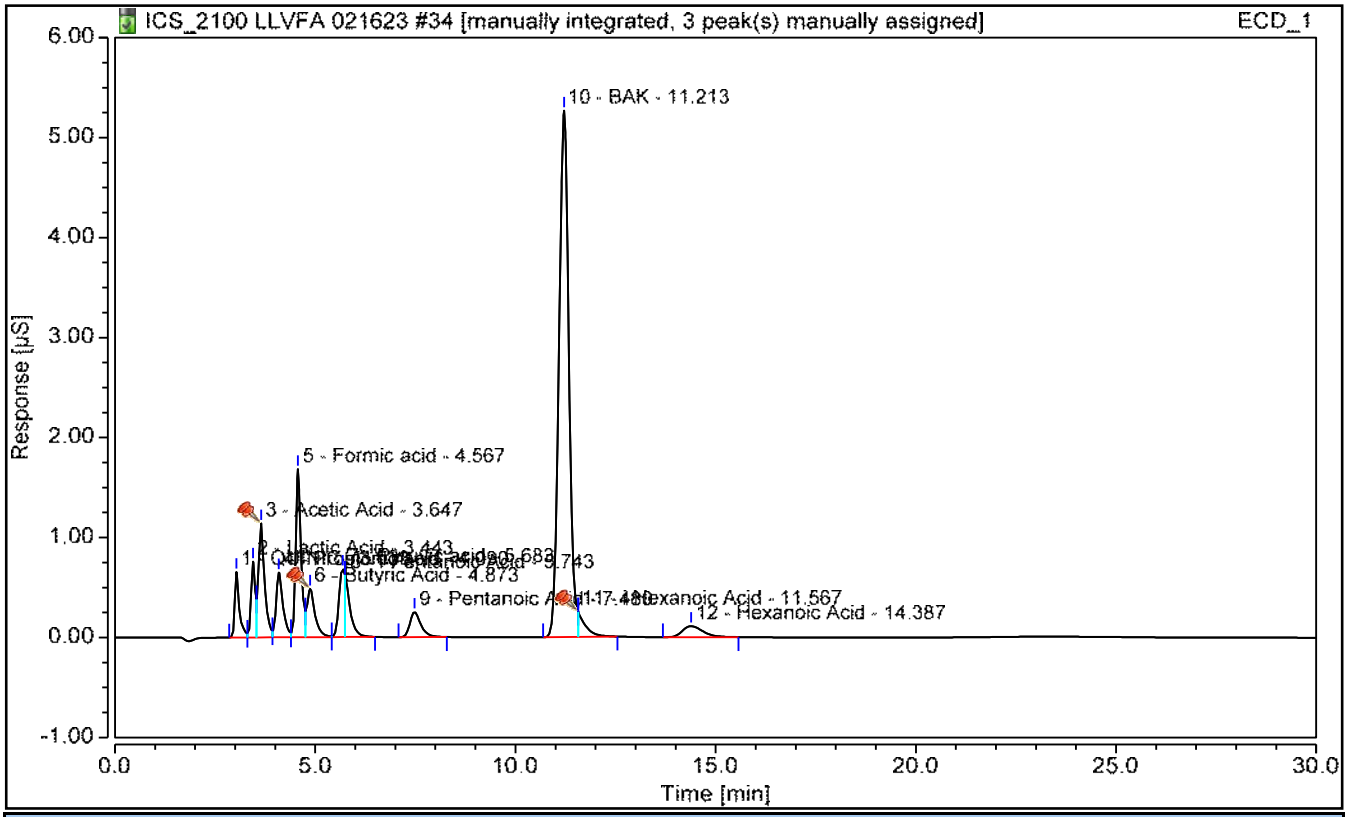
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*% REC*	*LCL*	*UCL*	*Q*
Acetic Acid	mg/L	2.00	1.80	89.5	70	130	
Butyric Acid	mg/L	2.00	1.90	93.8	70	130	
Formic Acid	mg/L	2.00	1.80	88.8	70	130	
Hexanoic Acid	mg/L	2.00	1.90	94.8	70	130	
Lactic Acid	mg/L	2.00	2.10	105	70	130	
Pentanoic Acid	mg/L	2.00	1.90	93.4	70	130	
Propionic Acid	mg/L	2.00	1.90	93.6	70	130	
Pyruvic Acid	mg/L	2.00	1.90	97	70	130	
i-Hexanoic Acid	mg/L	2.00	1.80	91.2	70	130	
i-Pentanoic Acid	mg/L	2.00	1.70	85.2	70	130	

Chromatogram and Results

Injection Details

Injection Name:	**CCV**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 19:32**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.033	0.088	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.443	0.090	2.0909	0.0909	2.0000	104.54
3	Acetic Acid	3.647	0.207	1.7886	-0.2114	2.0000	89.43
4	Propionic acid	4.090	0.129	1.8717	-0.1283	2.0000	93.58
5	Formic acid	4.567	0.262	1.7751	-0.2249	2.0000	88.76
6	Butyric Acid	4.873	0.112	1.8756	-0.1244	2.0000	93.78
7	Pyruvic acid	5.683	0.111	1.9390	-0.0610	2.0000	96.95
8	i-Pentanoic Acid	5.743	0.088	1.7032	-0.2968	2.0000	85.16
9	Pentanoic Acid	7.480	0.081	1.8683	-0.1317	2.0000	93.42
10	BAK	11.213	1.507	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.567	0.052	1.8234	-0.1766	2.0000	91.17
12	Hexanoic Acid	14.387	0.066	1.8949	-0.1051	2.0000	94.75

AM23G

Form III

Blanks

III - CONTINUING CALIBRATION BLANK

Report No:	223021116	Blank ID:	CCB for HBN 759904
Matrix:	Water	Instrument ID:	IC6
Analysis Date:	02/15/23 1336	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759904

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	0.50	mg/L	U	0.12	0.50
Butyric Acid	0.50	mg/L	U	0.058	0.50
Formic Acid	0.50	mg/L	U	0.055	0.50
Hexanoic Acid	0.50	mg/L	U	0.058	0.50
Lactic Acid	0.50	mg/L	U	0.053	0.50
Pentanoic Acid	0.50	mg/L	U	0.056	0.50
Propionic Acid	0.50	mg/L	U	0.053	0.50
Pyruvic Acid	0.50	mg/L	U	0.060	0.50
i-Hexanoic Acid	0.50	mg/L	U	0.056	0.50
i-Pentanoic Acid	0.50	mg/L	U	0.061	0.50

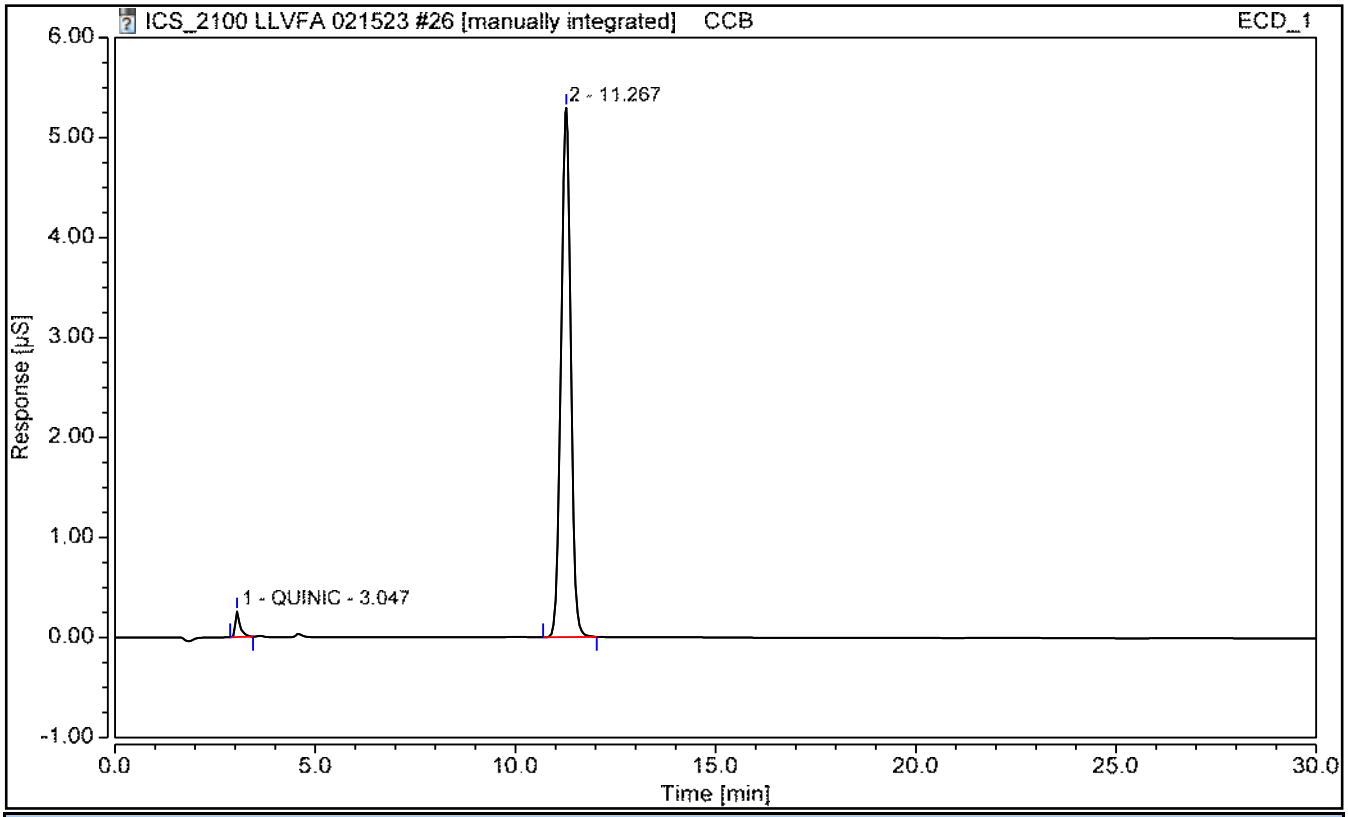
FORM III - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**CCB**	*Operator:*	**LHM**
Vial Number:	**G1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 13:36**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.047	0.036	n.a.	n.a.	n.a.	n.a.
n.a.	Lactic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Acetic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Propionic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Formic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	BAK	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

III - METHOD BLANK

Report No:	223021116	Blank ID:	MB2451765
Matrix:	Water	Instrument ID:	IC6
Analysis Date:	02/15/23 1408	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759904

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	0.20	mg/L	U	0.12	0.50
Butyric Acid	0.20	mg/L	U	0.058	0.50
Formic Acid	0.20	mg/L	U	0.055	0.50
Hexanoic Acid	0.20	mg/L	U	0.058	0.50
Lactic Acid	0.20	mg/L	U	0.053	0.50
Pentanoic Acid	0.20	mg/L	U	0.056	0.50
Propionic Acid	0.20	mg/L	U	0.053	0.50
Pyruvic Acid	0.20	mg/L	U	0.060	0.50
i-Hexanoic Acid	0.20	mg/L	U	0.056	0.50
i-Pentanoic Acid	0.20	mg/L	U	0.061	0.50

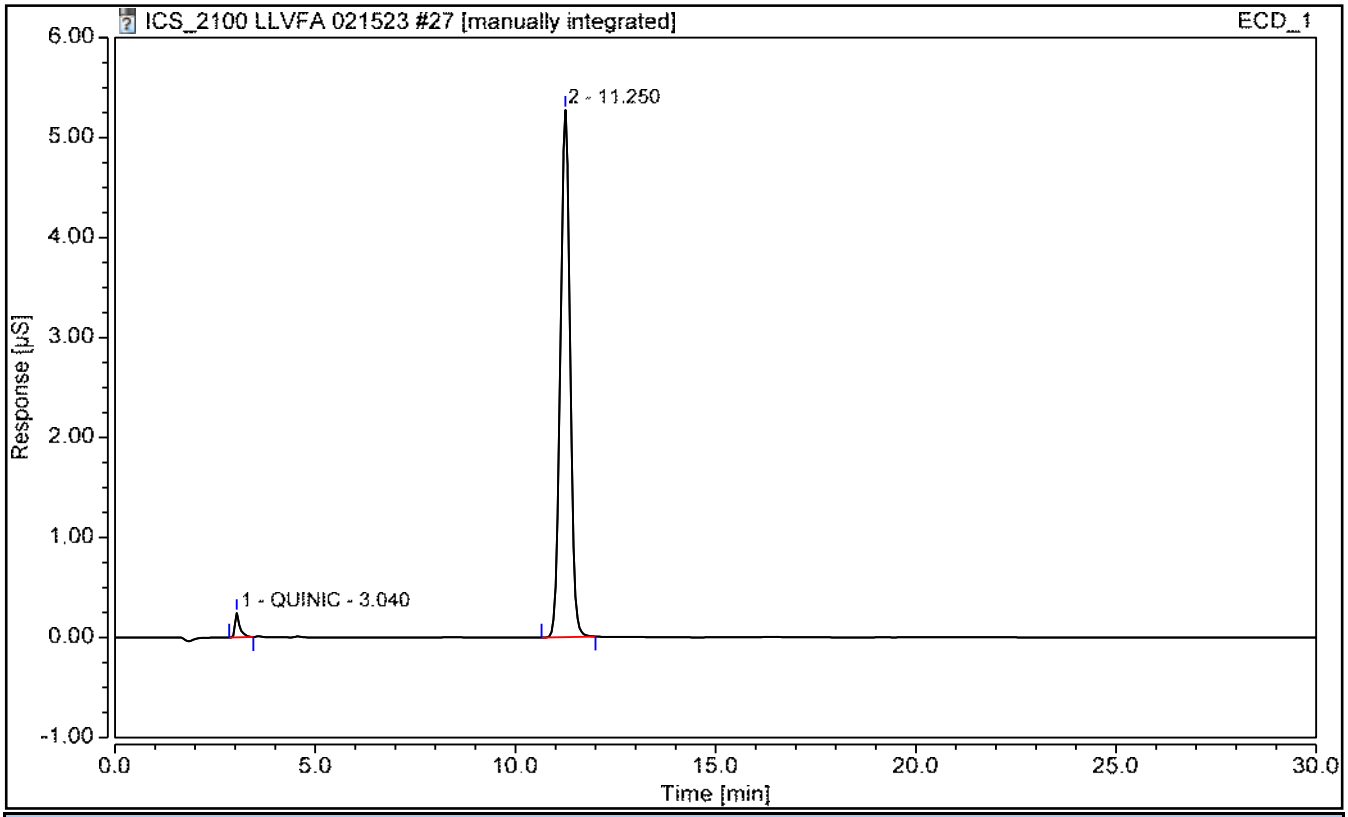
FORM III - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**2451765**	*Operator:*	**LHM**
Vial Number:	**G1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 14:08**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.040	0.034	n.a.	n.a.	n.a.	n.a.
n.a.	Lactic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Acetic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Propionic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Formic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	BAK	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

III - CONTINUING CALIBRATION BLANK

Report No:	223021116	Blank ID:	CCB for HBN 759904
Matrix:	Water	Instrument ID:	IC6
Analysis Date:	02/15/23 2026	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759904

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	0.50	mg/L	U	0.12	0.50
Butyric Acid	0.50	mg/L	U	0.058	0.50
Formic Acid	0.50	mg/L	U	0.055	0.50
Hexanoic Acid	0.50	mg/L	U	0.058	0.50
Lactic Acid	0.50	mg/L	U	0.053	0.50
Pentanoic Acid	0.50	mg/L	U	0.056	0.50
Propionic Acid	0.50	mg/L	U	0.053	0.50
Pyruvic Acid	0.50	mg/L	U	0.060	0.50
i-Hexanoic Acid	0.50	mg/L	U	0.056	0.50
i-Pentanoic Acid	0.50	mg/L	U	0.061	0.50

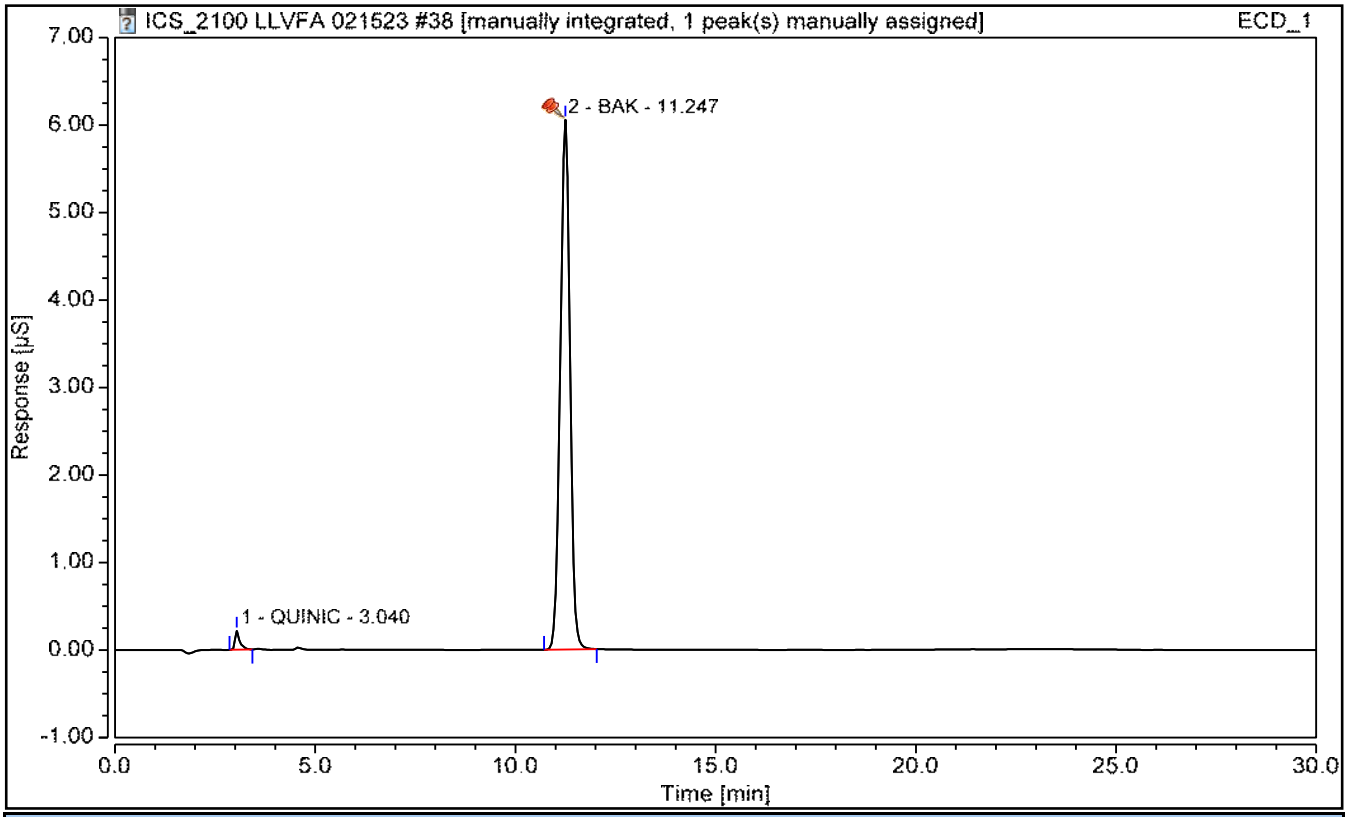
FORM III - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**CCB**	*Operator:*	**LHM**
Vial Number:	**G1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 20:26**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.040	0.030	n.a.	n.a.	n.a.	n.a.
n.a.	Lactic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Acetic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Propionic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Formic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	BAK	11.247	1.711	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

III - CONTINUING CALIBRATION BLANK

Report No:	223021116	Blank ID:	CCB for HBN 759904
Matrix:	Water	Instrument ID:	IC6
Analysis Date:	02/16/23 0214	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759904

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	0.50	mg/L	U	0.12	0.50
Butyric Acid	0.50	mg/L	U	0.058	0.50
Formic Acid	0.50	mg/L	U	0.055	0.50
Hexanoic Acid	0.50	mg/L	U	0.058	0.50
Lactic Acid	0.50	mg/L	U	0.053	0.50
Pentanoic Acid	0.50	mg/L	U	0.056	0.50
Propionic Acid	0.50	mg/L	U	0.053	0.50
Pyruvic Acid	0.50	mg/L	U	0.060	0.50
i-Hexanoic Acid	0.50	mg/L	U	0.056	0.50
i-Pentanoic Acid	0.50	mg/L	U	0.061	0.50

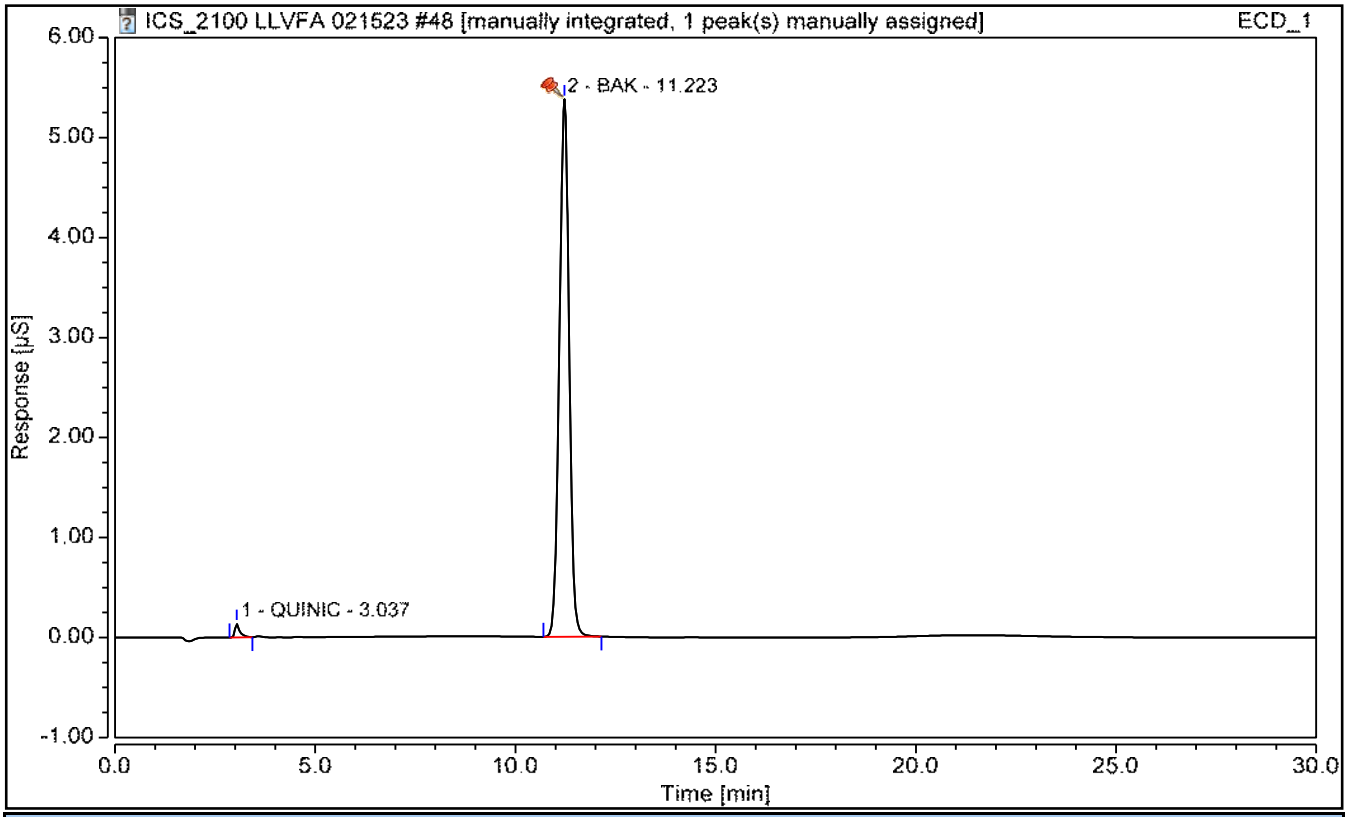
FORM III - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**CCB**	*Operator:*	**LHM**
Vial Number:	**G1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 02:14**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.037	0.020	n.a.	n.a.	n.a.	n.a.
n.a.	Lactic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Acetic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Propionic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Formic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	BAK	11.223	1.526	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

III - CONTINUING CALIBRATION BLANK

Report No:	223021116	Blank ID:	CCB for HBN 759997
Matrix:	Water	Instrument ID:	IC6
Analysis Date:	02/16/23 1416	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759997

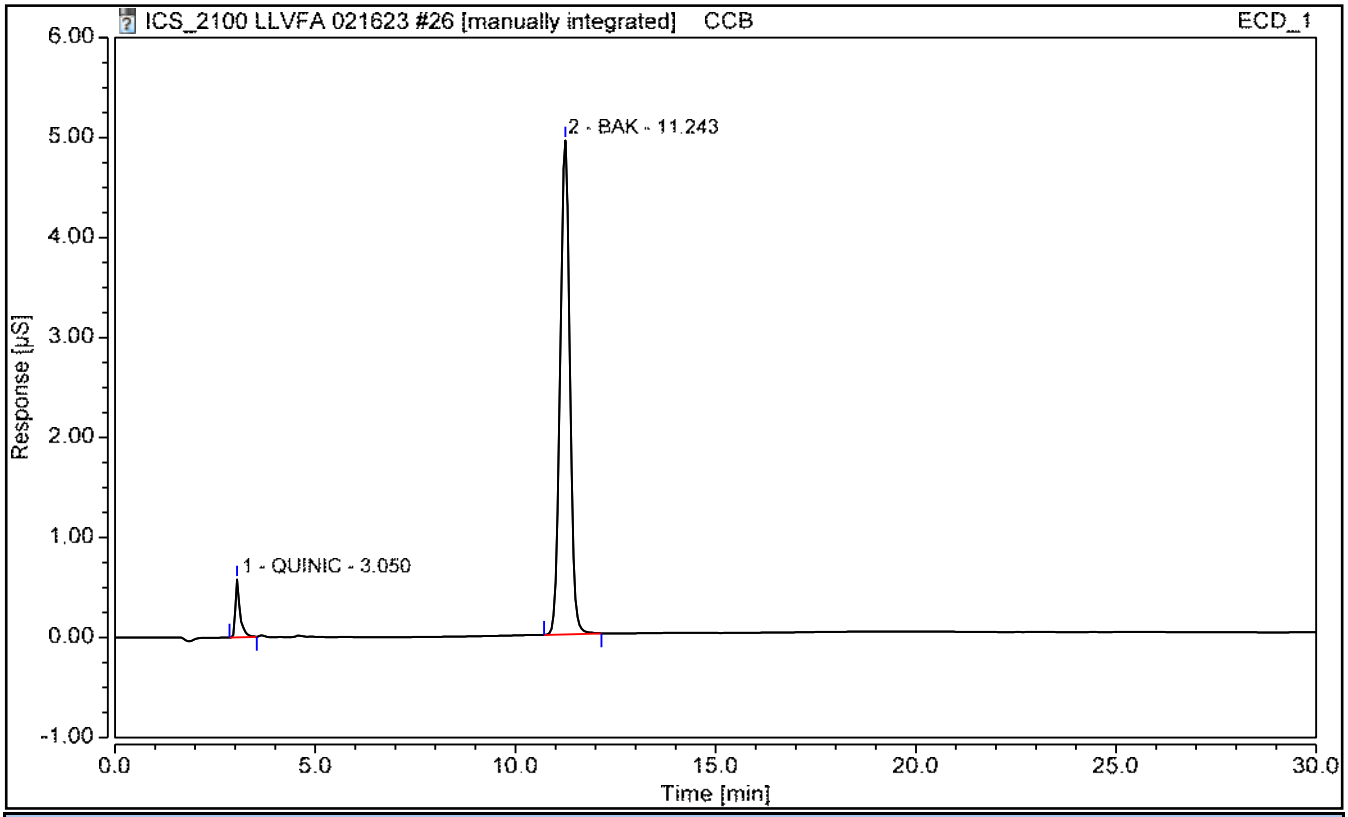
ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	0.50	mg/L	U	0.12	0.50
Butyric Acid	0.50	mg/L	U	0.058	0.50
Formic Acid	0.50	mg/L	U	0.055	0.50
Hexanoic Acid	0.50	mg/L	U	0.058	0.50
Lactic Acid	0.50	mg/L	U	0.053	0.50
Pentanoic Acid	0.50	mg/L	U	0.056	0.50
Propionic Acid	0.50	mg/L	U	0.053	0.50
Pyruvic Acid	0.50	mg/L	U	0.060	0.50
i-Hexanoic Acid	0.50	mg/L	U	0.056	0.50
i-Pentanoic Acid	0.50	mg/L	U	0.061	0.50

Chromatogram and Results

Injection Details

Injection Name:	**CCB**	*Operator:*	**LHM**
Vial Number:	**G1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 14:16**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.050	0.078	n.a.	n.a.	n.a.	n.a.
n.a.	Lactic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Acetic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Propionic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Formic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	BAK	11.243	1.391	n.a.	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

III - METHOD BLANK

Report No:	223021116	Blank ID:	MB2452234
Matrix:	Water	Instrument ID:	IC6
Analysis Date:	02/16/23 1448	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759997

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	0.20	mg/L	U	0.12	0.50
Butyric Acid	0.20	mg/L	U	0.058	0.50
Formic Acid	0.20	mg/L	U	0.055	0.50
Hexanoic Acid	0.20	mg/L	U	0.058	0.50
Lactic Acid	0.20	mg/L	U	0.053	0.50
Pentanoic Acid	0.20	mg/L	U	0.056	0.50
Propionic Acid	0.20	mg/L	U	0.053	0.50
Pyruvic Acid	0.20	mg/L	U	0.060	0.50
i-Hexanoic Acid	0.20	mg/L	U	0.056	0.50
i-Pentanoic Acid	0.20	mg/L	U	0.061	0.50

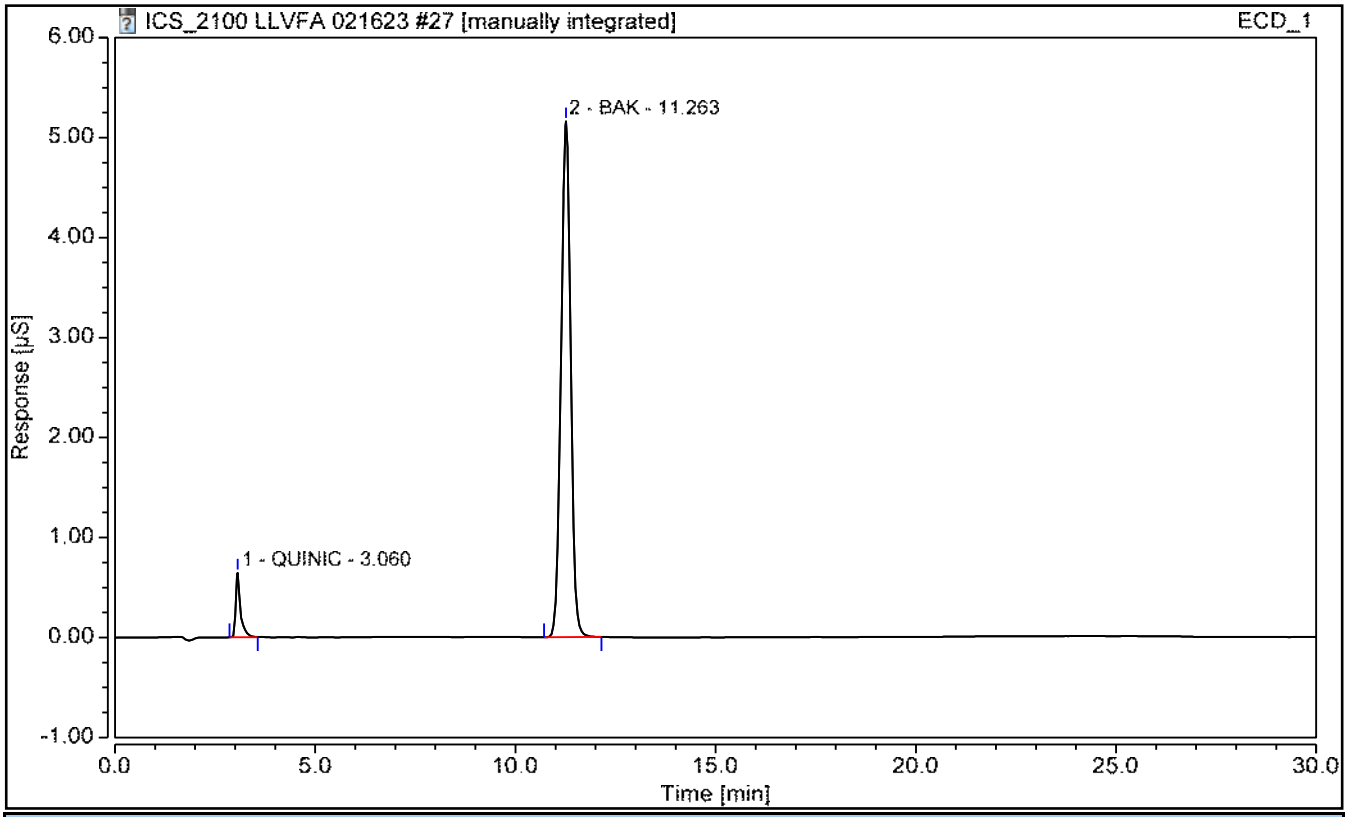
FORM III - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**2452234**	*Operator:*	**LHM**
Vial Number:	**G1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 14:48**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.060	0.087	n.a.	n.a.	n.a.	n.a.
n.a.	Lactic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Acetic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Propionic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Formic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	BAK	11.263	1.441	n.a.	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

III - CONTINUING CALIBRATION BLANK

Report No:	223021116	Blank ID:	CCB for HBN 759997
Matrix:	Water	Instrument ID:	IC6
Analysis Date:	02/16/23 2036	Lab File ID:	IC6
Analytical Method:	AM23G	Analytical Batch:	759997

ANALYTE	*RESULT*	*UNITS*	*Q*	*DL*	*LOQ*
Acetic Acid	0.50	mg/L	U	0.12	0.50
Butyric Acid	0.50	mg/L	U	0.058	0.50
Formic Acid	0.50	mg/L	U	0.055	0.50
Hexanoic Acid	0.50	mg/L	U	0.058	0.50
Lactic Acid	0.50	mg/L	U	0.053	0.50
Pentanoic Acid	0.50	mg/L	U	0.056	0.50
Propionic Acid	0.50	mg/L	U	0.053	0.50
Pyruvic Acid	0.50	mg/L	U	0.060	0.50
i-Hexanoic Acid	0.50	mg/L	U	0.056	0.50
i-Pentanoic Acid	0.50	mg/L	U	0.061	0.50

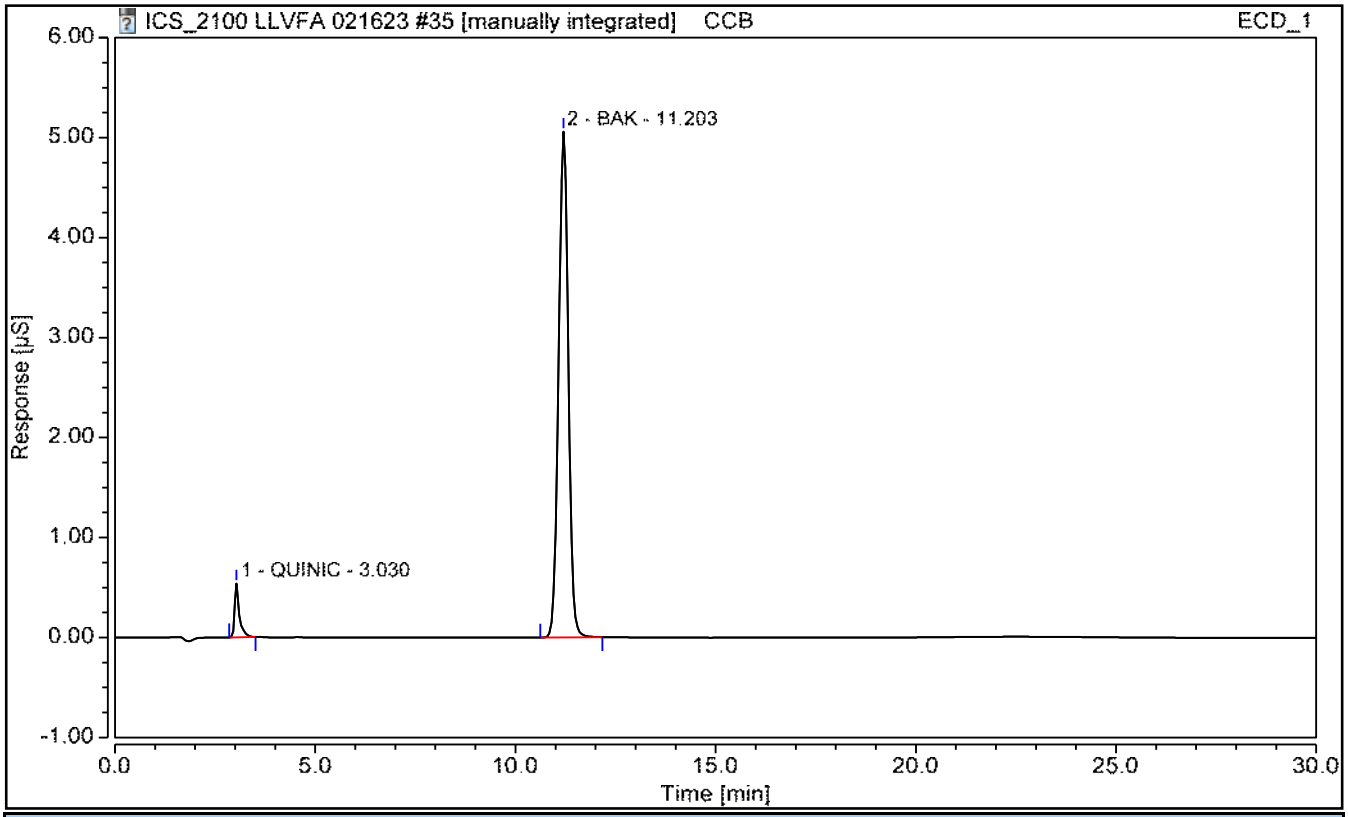
FORM III - GENCHEM

Chromatogram and Results

Injection Details

Injection Name:	**CCB**	*Operator:*	**LHM**
Vial Number:	**G1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 20:36**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.030	0.072	n.a.	n.a.	n.a.	n.a.
n.a.	Lactic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Acetic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Propionic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Formic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	BAK	11.203	1.426	n.a.	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

AM23G

Form VII

Lab Control Spikes

VII - LABORATORY CONTROL SPIKE

Report No:	223021116	LAB ID:	LCS2451766
Matrix:	Water	Instrument ID:	IC6
Analyst:	LHM	Lab File ID:	IC6
Prep Date:	NA	Analysis Date:	02/15/23 1439
Prep Batch:	NA	Analytical Batch:	759904
Prep Method:	NA	Analytical Method:	AM23G

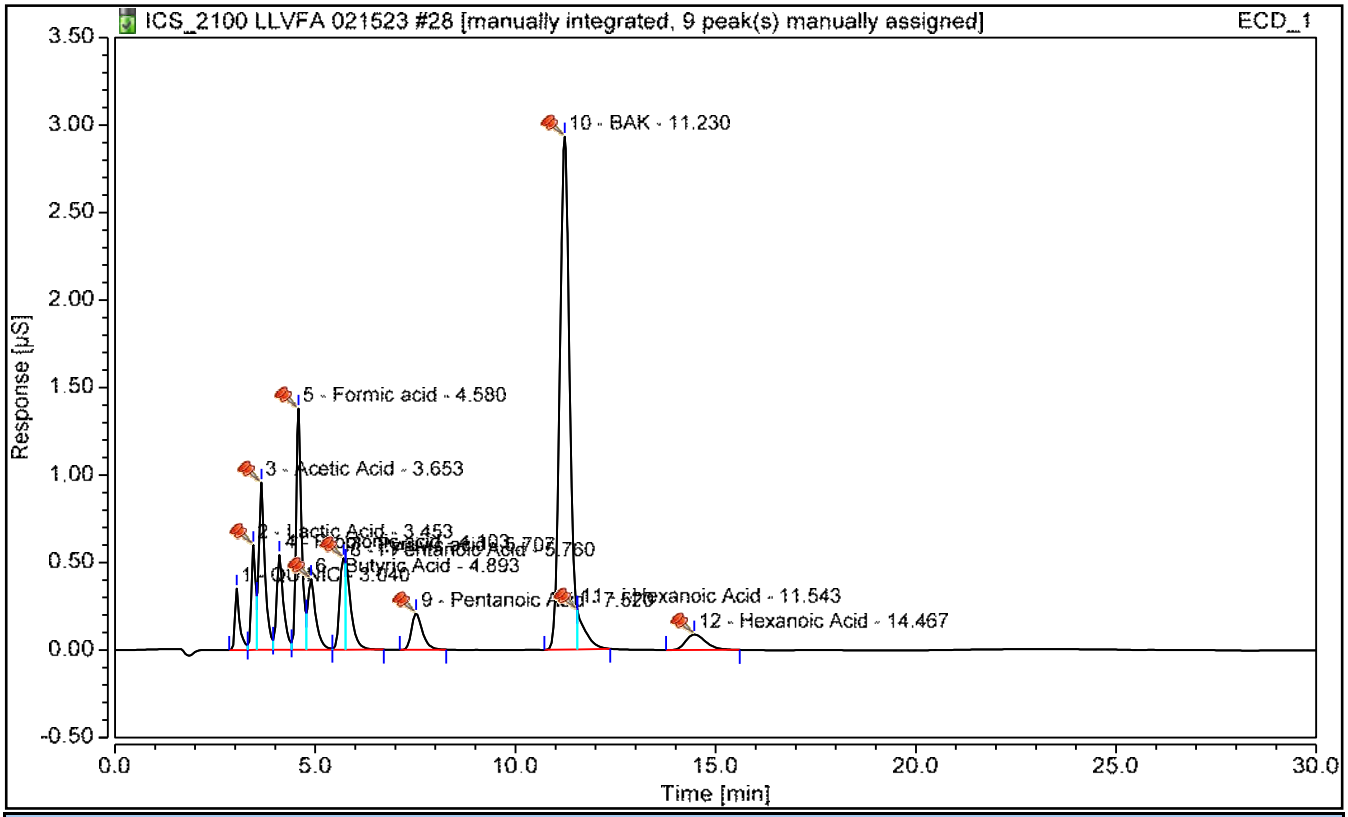
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*%REC*	*Q*	*% REC LIMITS*
Acetic Acid	mg/L	2.0	1.5	75		70 - 130
Butyric Acid	mg/L	2.0	1.6	79		70 - 130
Formic Acid	mg/L	2.0	1.5	73		70 - 130
Hexanoic Acid	mg/L	2.0	1.5	74		70 - 130
Lactic Acid	mg/L	2.0	1.7	83		70 - 130
Pentanoic Acid	mg/L	2.0	1.5	77		70 - 130
Propionic Acid	mg/L	2.0	1.6	78		70 - 130
Pyruvic Acid	mg/L	2.0	1.5	74		70 - 130
i-Hexanoic Acid	mg/L	2.0	1.7	87		70 - 130
i-Pentanoic Acid	mg/L	2.0	1.5	75		70 - 130

Chromatogram and Results

Injection Details

Injection Name:	**2451766**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 14:39**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.040	0.049	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.453	0.071	1.6547	-0.3453	2.0000	82.74
3	Acetic Acid	3.653	0.173	1.4890	-0.5110	2.0000	74.45
4	Propionic acid	4.103	0.108	1.5601	-0.4399	2.0000	78.01
5	Formic acid	4.580	0.217	1.4672	-0.5328	2.0000	73.36
6	Butyric Acid	4.893	0.094	1.5707	-0.4293	2.0000	78.54
7	Pyruvic acid	5.707	0.085	1.4805	-0.5195	2.0000	74.03
8	i-Pentanoic Acid	5.760	0.077	1.4964	-0.5036	2.0000	74.82
9	Pentanoic Acid	7.520	0.067	1.5371	-0.4629	2.0000	76.86
10	BAK	11.230	0.831	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.543	0.049	1.7336	-0.2664	2.0000	86.68
12	Hexanoic Acid	14.467	0.052	1.4817	-0.5183	2.0000	74.08

VII - LABORATORY CONTROL SPIKE DUPLICATE

Report No:	223021116	LAB ID:	LCSD2451767
Matrix:	Water	Instrument ID:	IC6
Analyst:	LHM	Lab File ID:	IC6
Prep Date:	NA	Analysis Date:	02/15/23 1511
Prep Batch:	NA	Analytical Batch:	759904
Prep Method:	NA	Analytical Method:	AM23G

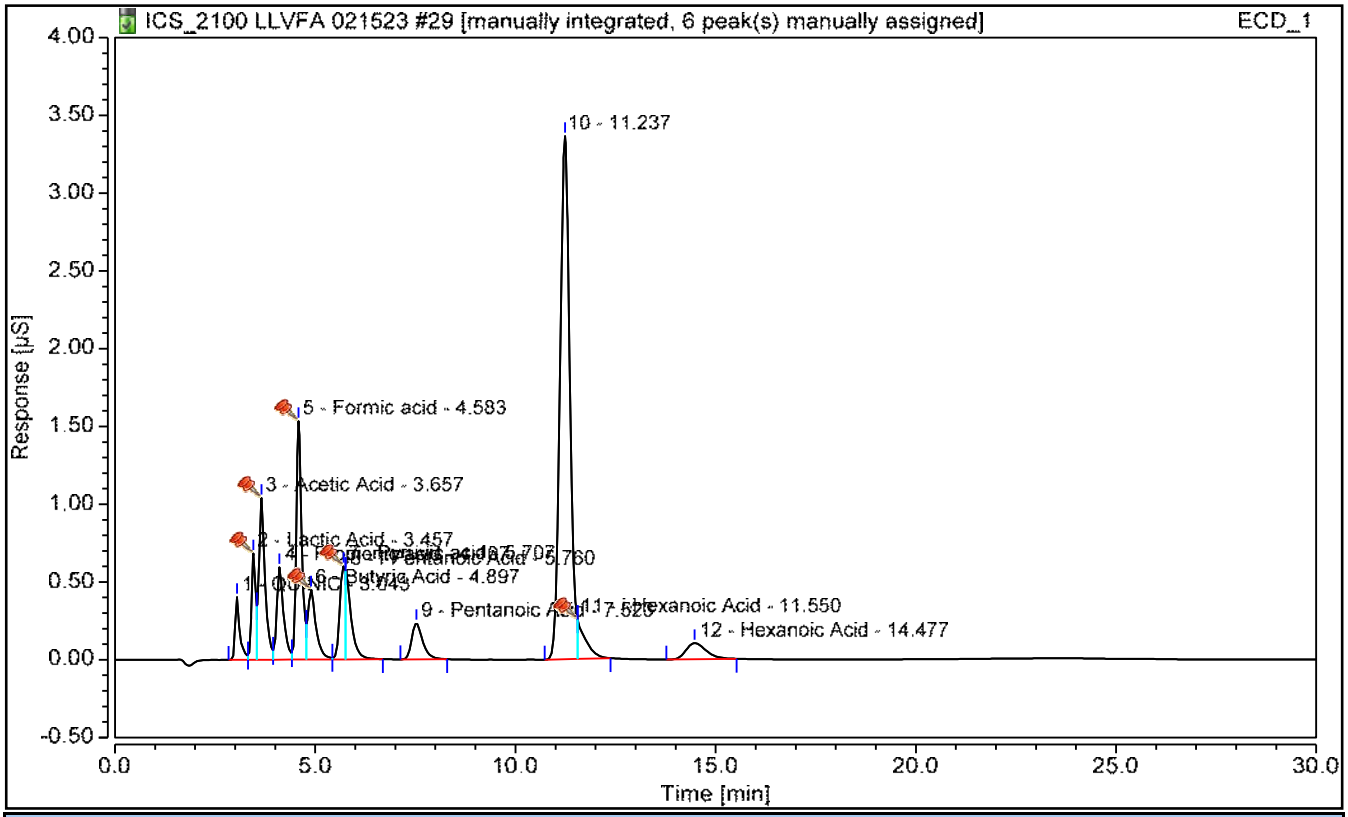
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*%REC*	*Q*	*%REC LIMITS*	*RPD*	*Q*	*RPD LIMITS*
Acetic Acid	mg/L	2.0	1.6	81		70 - 130	8		0 - 20
Butyric Acid	mg/L	2.0	1.8	88		70 - 130	12		0 - 20
Formic Acid	mg/L	2.0	1.6	82		70 - 130	11		0 - 20
Hexanoic Acid	mg/L	2.0	1.7	86		70 - 130	15		0 - 20
Lactic Acid	mg/L	2.0	1.9	95		70 - 130	14		0 - 20
Pentanoic Acid	mg/L	2.0	1.7	87		70 - 130	12		0 - 20
Propionic Acid	mg/L	2.0	1.7	86		70 - 130	10		0 - 20
Pyruvic Acid	mg/L	2.0	1.7	84		70 - 130	12		0 - 20
i-Hexanoic Acid	mg/L	2.0	2.0	102		70 - 130	16		0 - 20
i-Pentanoic Acid	mg/L	2.0	1.7	87		70 - 130	15		0 - 20

Chromatogram and Results

Injection Details

Injection Name:	**2451767**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/15/2023 15:11**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.043	0.056	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.457	0.082	1.8953	-0.1047	2.0000	94.77
3	Acetic Acid	3.657	0.187	1.6170	-0.3830	2.0000	80.85
4	Propionic acid	4.107	0.118	1.7182	-0.2818	2.0000	85.91
5	Formic acid	4.583	0.241	1.6286	-0.3714	2.0000	81.43
6	Butyric Acid	4.897	0.106	1.7637	-0.2363	2.0000	88.19
7	Pyruvic acid	5.707	0.096	1.6692	-0.3308	2.0000	83.46
8	i-Pentanoic Acid	5.760	0.090	1.7343	-0.2657	2.0000	86.71
9	Pentanoic Acid	7.523	0.075	1.7287	-0.2713	2.0000	86.43
n.a.	BAK	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.550	0.057	2.0327	0.0327	2.0000	101.63
12	Hexanoic Acid	14.477	0.060	1.7255	-0.2745	2.0000	86.28

VII - LABORATORY CONTROL SPIKE

Report No:	223021116	LAB ID:	LCS2452235
Matrix:	Water	Instrument ID:	IC6
Analyst:	LHM	Lab File ID:	IC6
Prep Date:	NA	Analysis Date:	02/16/23 1519
Prep Batch:	NA	Analytical Batch:	759997
Prep Method:	NA	Analytical Method:	AM23G

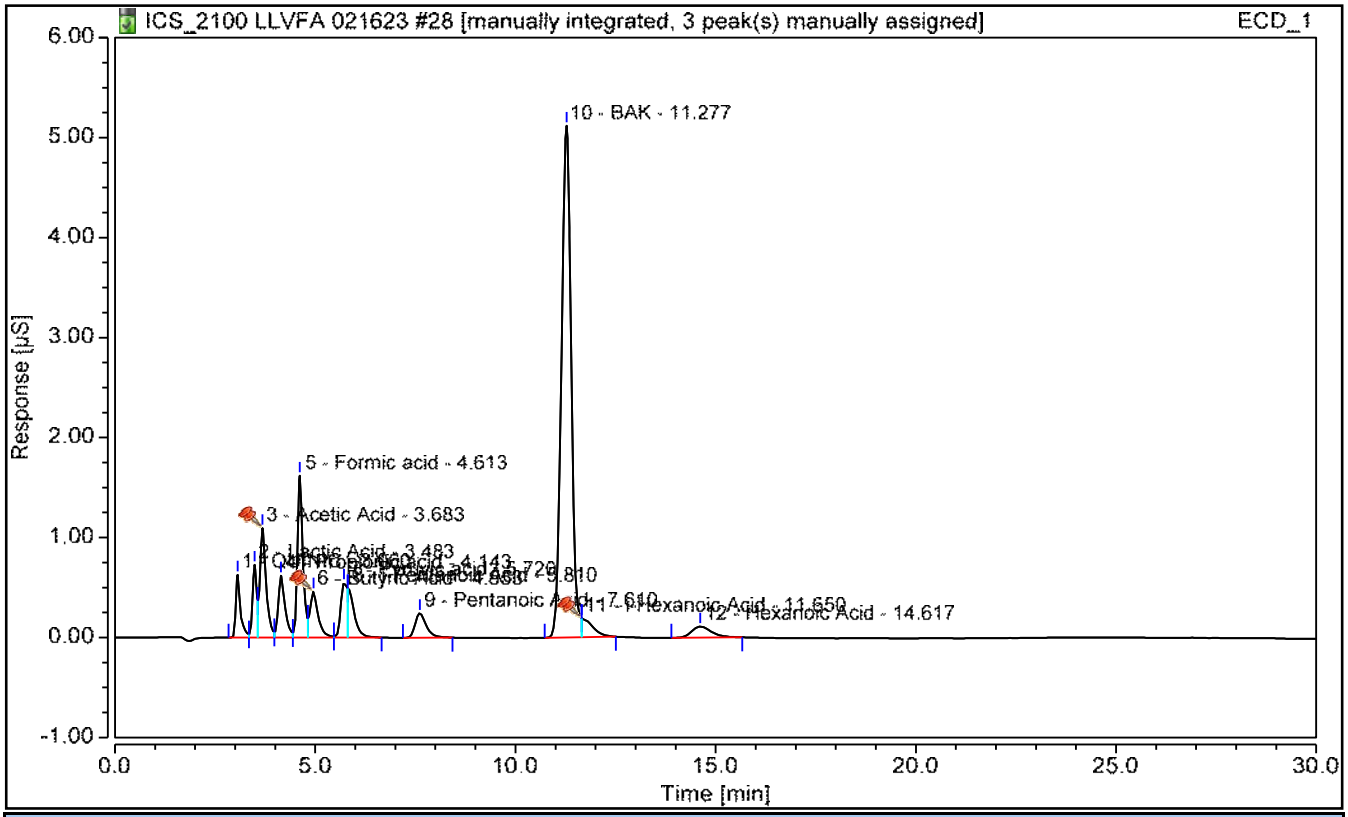
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*%REC*	*Q*	*% REC LIMITS*
Acetic Acid	mg/L	2.0	1.7	86		70 - 130
Butyric Acid	mg/L	2.0	1.8	91		70 - 130
Formic Acid	mg/L	2.0	1.7	86		70 - 130
Hexanoic Acid	mg/L	2.0	1.8	92		70 - 130
Lactic Acid	mg/L	2.0	2.0	100		70 - 130
Pentanoic Acid	mg/L	2.0	1.8	92		70 - 130
Propionic Acid	mg/L	2.0	1.8	90		70 - 130
Pyruvic Acid	mg/L	2.0	1.7	87		70 - 130
i-Hexanoic Acid	mg/L	2.0	2.2	108		70 - 130
i-Pentanoic Acid	mg/L	2.0	1.8	90		70 - 130

Chromatogram and Results

Injection Details

Injection Name:	**2452235**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 15:19**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.060	0.085	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.483	0.087	2.0078	0.0078	2.0000	100.39
3	Acetic Acid	3.683	0.199	1.7204	-0.2796	2.0000	86.02
4	Propionic acid	4.143	0.123	1.7910	-0.2090	2.0000	89.55
5	Formic acid	4.613	0.255	1.7242	-0.2758	2.0000	86.21
6	Butyric Acid	4.953	0.109	1.8249	-0.1751	2.0000	91.25
7	Pyruvic acid	5.720	0.099	1.7320	-0.2680	2.0000	86.60
8	i-Pentanoic Acid	5.810	0.093	1.7889	-0.2111	2.0000	89.44
9	Pentanoic Acid	7.610	0.080	1.8381	-0.1619	2.0000	91.91
10	BAK	11.277	1.444	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.650	0.061	2.1535	0.1535	2.0000	107.67
12	Hexanoic Acid	14.617	0.064	1.8295	-0.1705	2.0000	91.47

VII - LABORATORY CONTROL SPIKE DUPLICATE

Report No:	223021116	LAB ID:	LCSD2452236
Matrix:	Water	Instrument ID:	IC6
Analyst:	LHM	Lab File ID:	IC6
Prep Date:	NA	Analysis Date:	02/16/23 1758
Prep Batch:	NA	Analytical Batch:	759997
Prep Method:	NA	Analytical Method:	AM23G

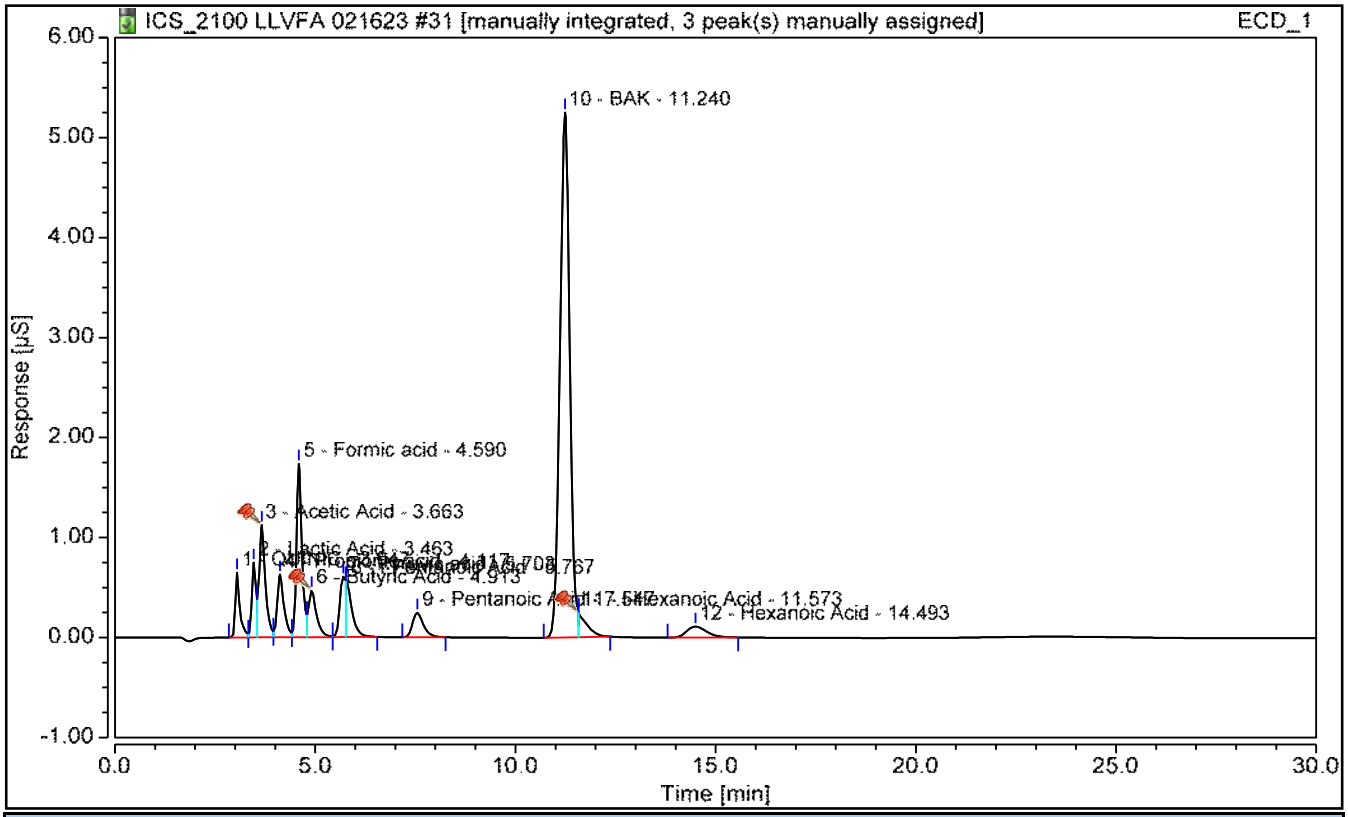
ANALYTE	*UNITS*	*TRUE*	*FOUND*	*%REC*	*Q*	*%REC LIMITS*	*RPD*	*Q*	*RPD LIMITS*
Hexanoic Acid	mg/L	2.0	1.8	92		70 - 130	1		0 - 20
Lactic Acid	mg/L	2.0	2.1	104		70 - 130	3		0 - 20
Pentanoic Acid	mg/L	2.0	1.8	91		70 - 130	1		0 - 20
Propionic Acid	mg/L	2.0	1.8	90		70 - 130	1		0 - 20
Pyruvic Acid	mg/L	2.0	1.7	87		70 - 130	0		0 - 20
i-Hexanoic Acid	mg/L	2.0	2.1	105		70 - 130	3		0 - 20
i-Pentanoic Acid	mg/L	2.0	1.9	93		70 - 130	3		0 - 20
Acetic Acid	mg/L	2.0	1.8	88		70 - 130	2		0 - 20
Butyric Acid	mg/L	2.0	1.8	91		70 - 130	0		0 - 20
Formic Acid	mg/L	2.0	1.8	92		70 - 130	7		0 - 20

Chromatogram and Results

Injection Details

Injection Name:	**2452236**	*Operator:*	**LHM**
Vial Number:	**GE7**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 17:58**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.047	0.087	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.463	0.089	2.0711	0.0711	2.0000	103.56
3	Acetic Acid	3.663	0.203	1.7534	-0.2466	2.0000	87.67
4	Propionic acid	4.117	0.124	1.8048	-0.1952	2.0000	90.24
5	Formic acid	4.590	0.272	1.8389	-0.1611	2.0000	91.95
6	Butyric Acid	4.913	0.109	1.8194	-0.1806	2.0000	90.97
7	Pyruvic acid	5.703	0.099	1.7306	-0.2694	2.0000	86.53
8	i-Pentanoic Acid	5.767	0.096	1.8503	-0.1497	2.0000	92.52
9	Pentanoic Acid	7.547	0.079	1.8173	-0.1827	2.0000	90.87
10	BAK	11.240	1.484	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.573	0.059	2.0988	0.0988	2.0000	104.94
12	Hexanoic Acid	14.493	0.064	1.8413	-0.1587	2.0000	92.06

AM23G

Form XIV

Run Logs

XIV - ANALYSIS RUN LOG

Report No:	223021116	Analytical Batch:	759904	Start Date:	02/15/23
Instrument ID:	Thermo ICS-2000	Analytical Method:	AM23G	End Date:	02/16/23

ANALYTES

CLIENT SAMPLE ID	*LAB SAMPLE ID*	*DILUTION*	*TIME*	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	Lactic Acid	Pentanoic Acid	Propionic Acid	Pyruvic Acid	i-Hexanoic Acid	i-Pentanoic Acid
CCV	1800	1	1304	X	X	X	X	X	X	X	X	X	X
CCB	1900	1	1336	X	X	X	X	X	X	X	X	X	X
MB2451765	2451765	1	1408	X	X	X	X	X	X	X	X	X	X
LCS2451766	2451766	1	1439	X	X	X	X	X	X	X	X	X	X
LCSD2451767	2451767	1	1511	X	X	X	X	X	X	X	X	X	X
CCV	1800	1	1923	X	X	X	X	X	X	X	X	X	X
CCB	1900	1	2026	X	X	X	X	X	X	X	X	X	X
MW1_G	22302111601	20	2130	X	X	X	X	X	X	X	X	X	X
MW2_G	22302111602	10	2201	X	X	X	X	X	X	X	X	X	X
MW3I_G	22302111604	10	2304	X	X	X	X	X	X	X	X	X	X
MW4I_G	22302111606	10	0007	X	X	X	X	X	X	X	X	X	X
CCV	1800	1	0111	X	X	X	X	X	X	X	X	X	X
CCB	1900	1	0214	X	X	X	X	X	X	X	X	X	X

XIV - ANALYSIS RUN LOG

Report No:	223021116	Analytical Batch:	759997	Start Date:	02/16/23
Instrument ID:	Thermo ICS-2000	Analytical Method:	AM23G	End Date:	02/16/23

ANALYTES

CLIENT SAMPLE ID	*LAB SAMPLE ID*	*DILUTION*	*TIME*	Acetic Acid	Butyric Acid	Formic Acid	Hexanoic Acid	Lactic Acid	Pentanoic Acid	Propionic Acid	Pyruvic Acid	i-Hexanoic Acid	i-Pentanoic Acid
CCV	1800	1	1313	X	X	X	X	X	X	X	X	X	X
CCB	1900	1	1416	X	X	X	X	X	X	X	X	X	X
MB2452234	2452234	1	1448	X	X	X	X	X	X	X	X	X	X
LCS2452235	2452235	1	1519	X	X	X	X	X	X	X	X	X	X
LCSD2452236	2452236	1	1758	X	X	X	X	X	X	X	X	X	X
MW3S_G	22302111603	100	1829	X	X	X	X	X	X	X	X	X	X
MW4S_G	22302111605	50	1901	X	X	X	X	X	X	X	X	X	X
CCV	1800	1	1932	X	X	X	X	X	X	X	X	X	X
CCB	1900	1	2036	X	X	X	X	X	X	X	X	X	X

FORM XIV - GENCHEM

AM23G

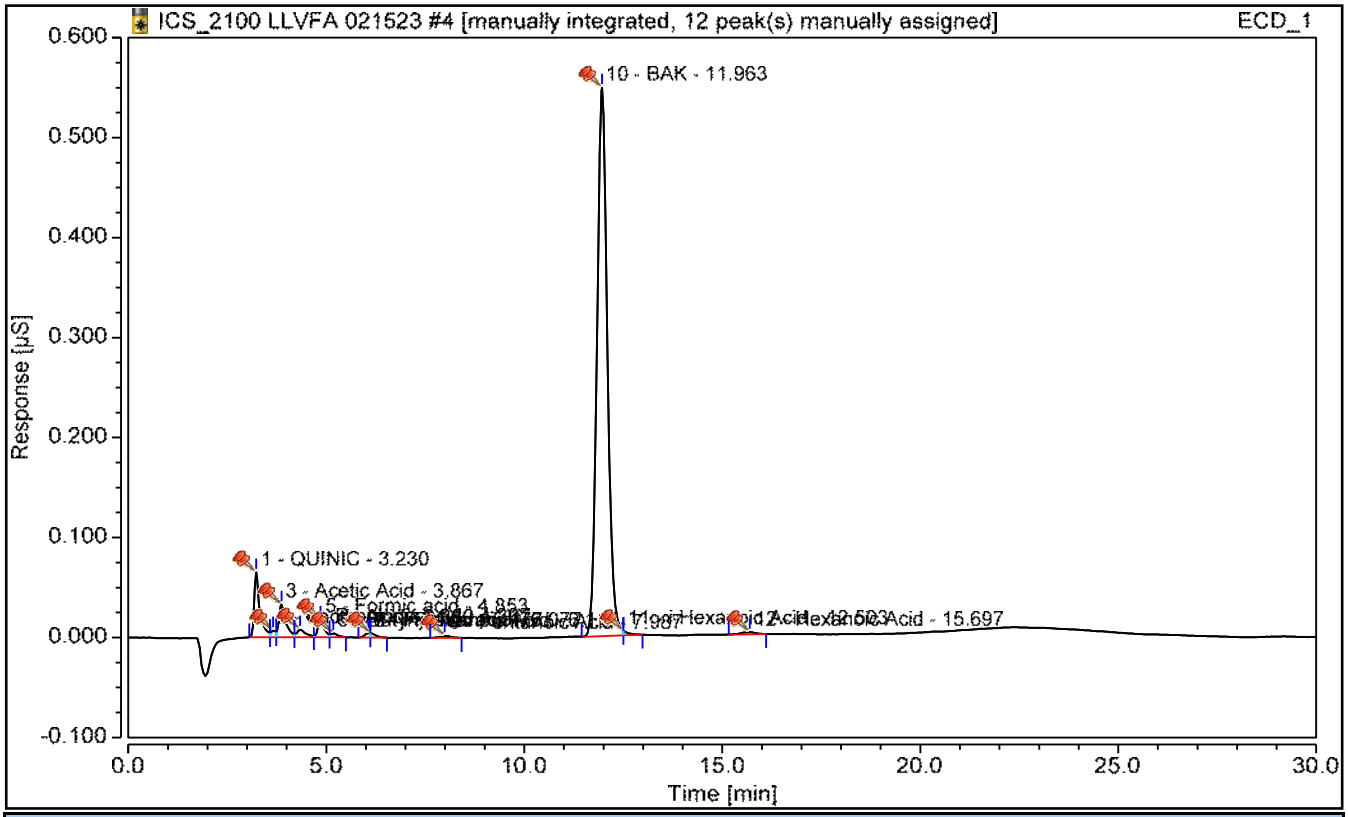
Initial Calibration

Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 1**	*Operator:*	**LHM**
Vial Number:	**GD2**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**01**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 12:53**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

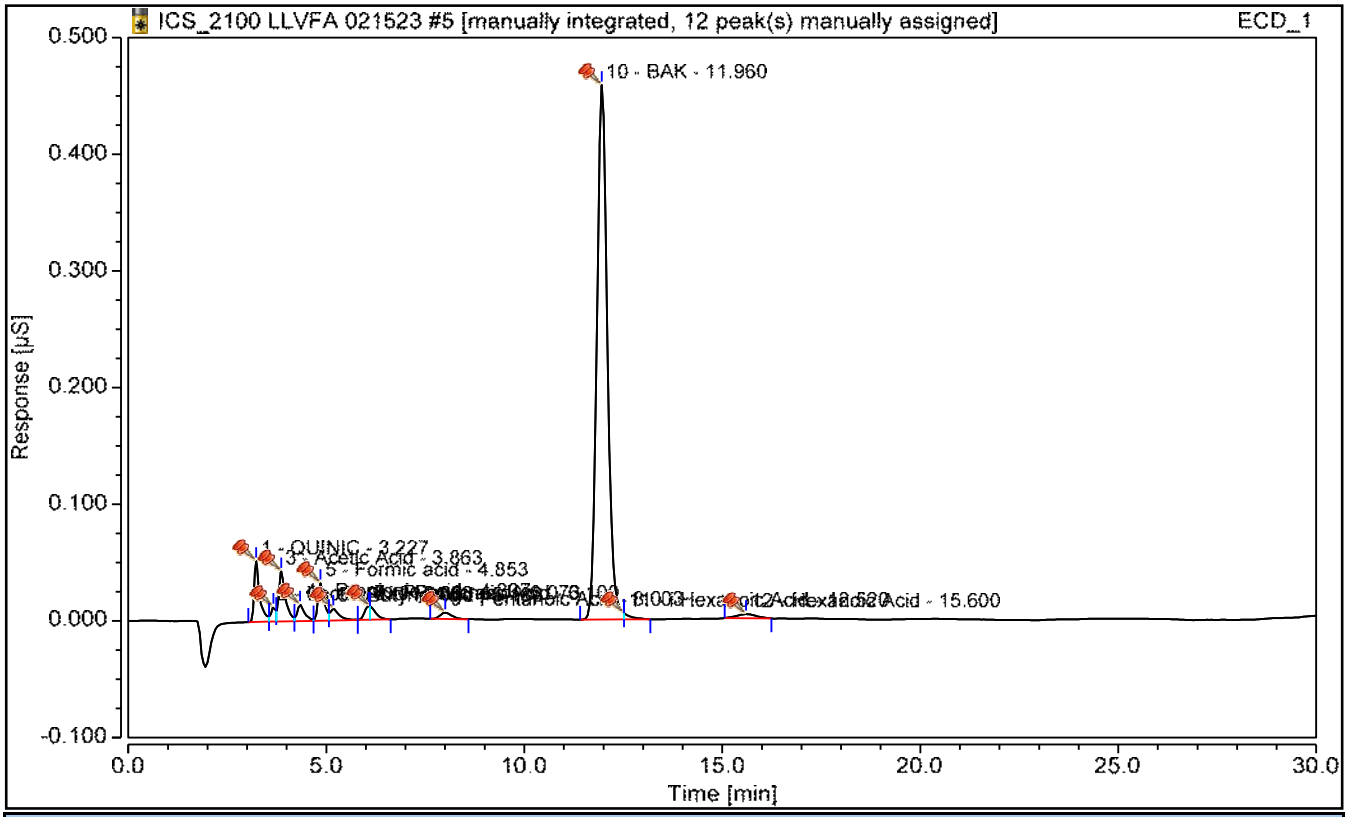
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.230	0.010	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.660	0.001	0.0220	0.0020	0.0200	109.78
3	Acetic Acid	3.867	0.007	0.0546	0.0346	0.0200	272.78
4	Propionic acid	4.337	0.002	0.0291	0.0091	0.0200	145.53
5	Formic acid	4.853	0.003	0.0217	0.0017	0.0200	108.63
6	Butyric Acid	5.177	0.001	0.0133	-0.0067	0.0200	66.59
7	Pyruvic acid	6.077	0.001	0.0122	-0.0078	0.0200	61.01
8	i-Pentanoic Acid	6.113	0.001	0.0138	-0.0062	0.0200	69.22
9	Pentanoic Acid	7.987	0.001	0.0155	-0.0045	0.0200	77.72
10	BAK	11.963	0.167	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.503	0.001	0.0229	0.0029	0.0200	114.72
12	Hexanoic Acid	15.697	0.001	0.0262	0.0062	0.0200	131.10

Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 2**	*Operator:*	**LHM**
Vial Number:	**GD3**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**02**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 13:25**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

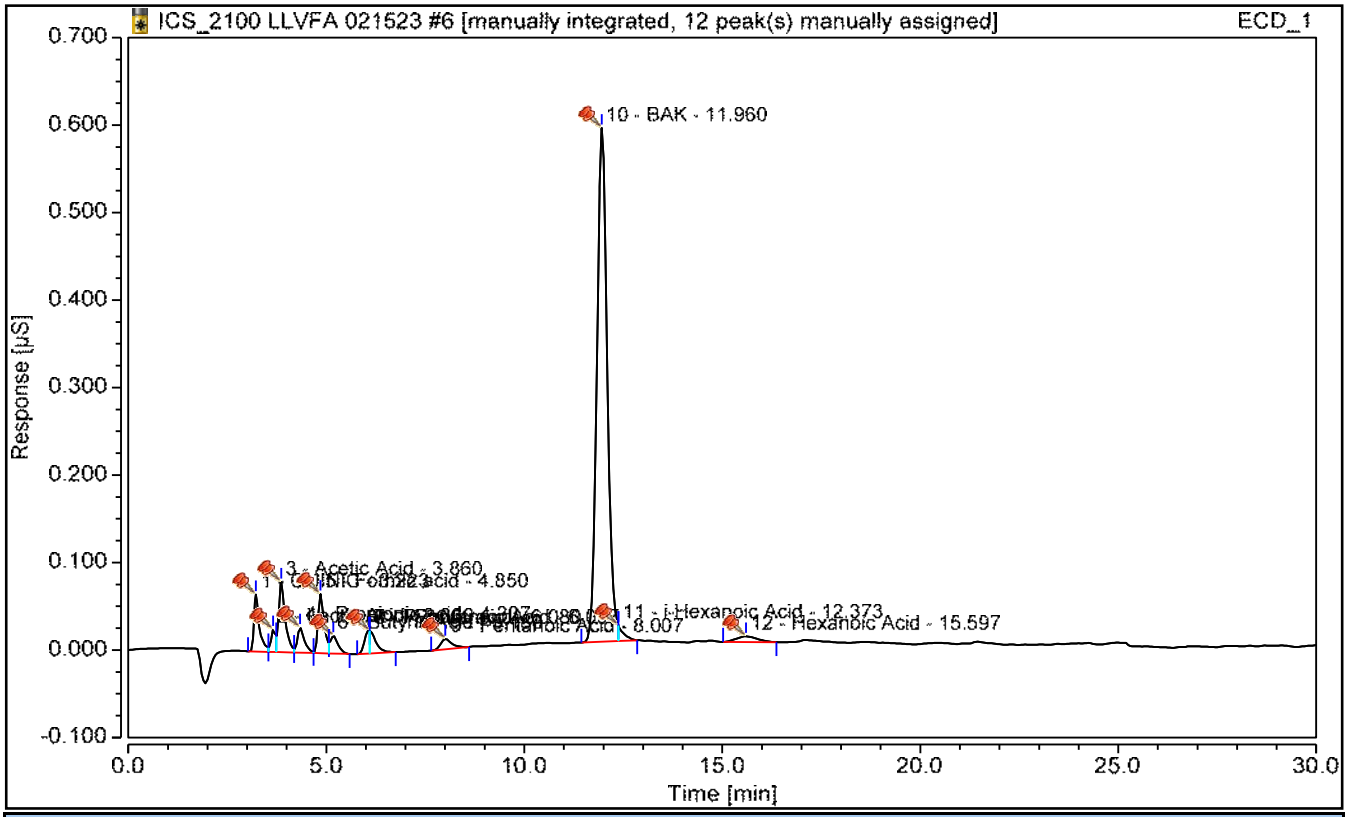
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.227	0.008	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.663	0.002	0.0394	-0.0106	0.0500	78.88
3	Acetic Acid	3.863	0.008	0.0698	0.0198	0.0500	139.70
4	Propionic acid	4.337	0.003	0.0435	-0.0065	0.0500	86.90
5	Formic acid	4.853	0.006	0.0396	-0.0104	0.0500	79.14
6	Butyric Acid	5.180	0.003	0.0424	-0.0076	0.0500	84.74
7	Pyruvic acid	6.073	0.002	0.0296	-0.0204	0.0500	59.16
8	i-Pentanoic Acid	6.100	0.002	0.0385	-0.0115	0.0500	76.96
9	Pentanoic Acid	8.003	0.002	0.0426	-0.0074	0.0500	85.19
10	BAK	11.960	0.141	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.520	0.001	0.0354	-0.0146	0.0500	70.72
12	Hexanoic Acid	15.600	0.002	0.0566	0.0066	0.0500	113.19

Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 3**	*Operator:*	**LHM**
Vial Number:	**GD4**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**03**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 13:57**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

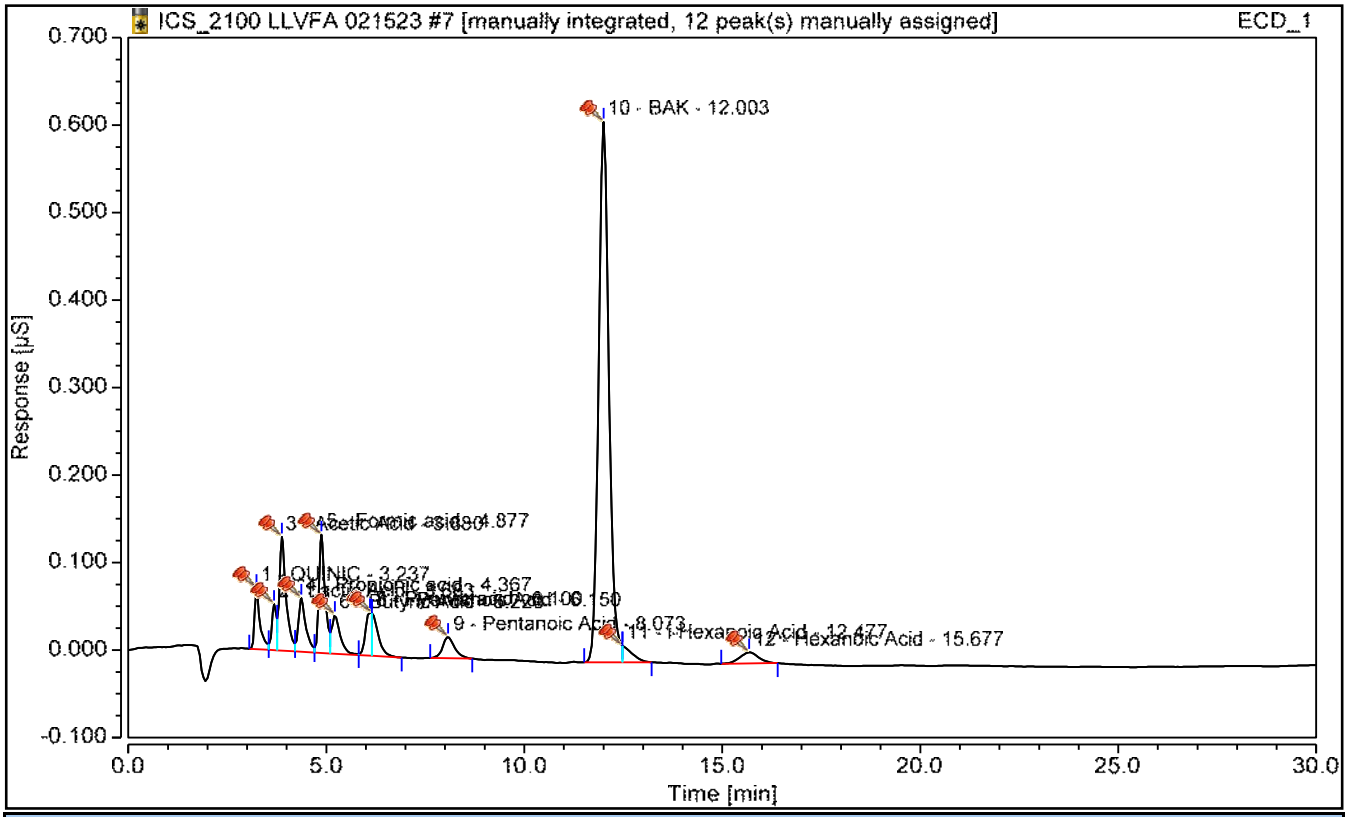
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.223	0.010	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.660	0.003	0.0792	-0.0208	0.1000	79.22
3	Acetic Acid	3.860	0.015	0.1277	0.0277	0.1000	127.70
4	Propionic acid	4.337	0.006	0.0843	-0.0157	0.1000	84.29
5	Formic acid	4.850	0.012	0.0816	-0.0184	0.1000	81.58
6	Butyric Acid	5.180	0.005	0.0749	-0.0251	0.1000	74.87
7	Pyruvic acid	6.080	0.004	0.0651	-0.0349	0.1000	65.05
8	i-Pentanoic Acid	6.097	0.005	0.0947	-0.0053	0.1000	94.67
9	Pentanoic Acid	8.007	0.004	0.0895	-0.0105	0.1000	89.49
10	BAK	11.960	0.178	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.373	0.003	0.0923	-0.0077	0.1000	92.31
12	Hexanoic Acid	15.597	0.004	0.1136	0.0136	0.1000	113.63

Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 4**	*Operator:*	**LHM**
Vial Number:	**GD5**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**04**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 14:28**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

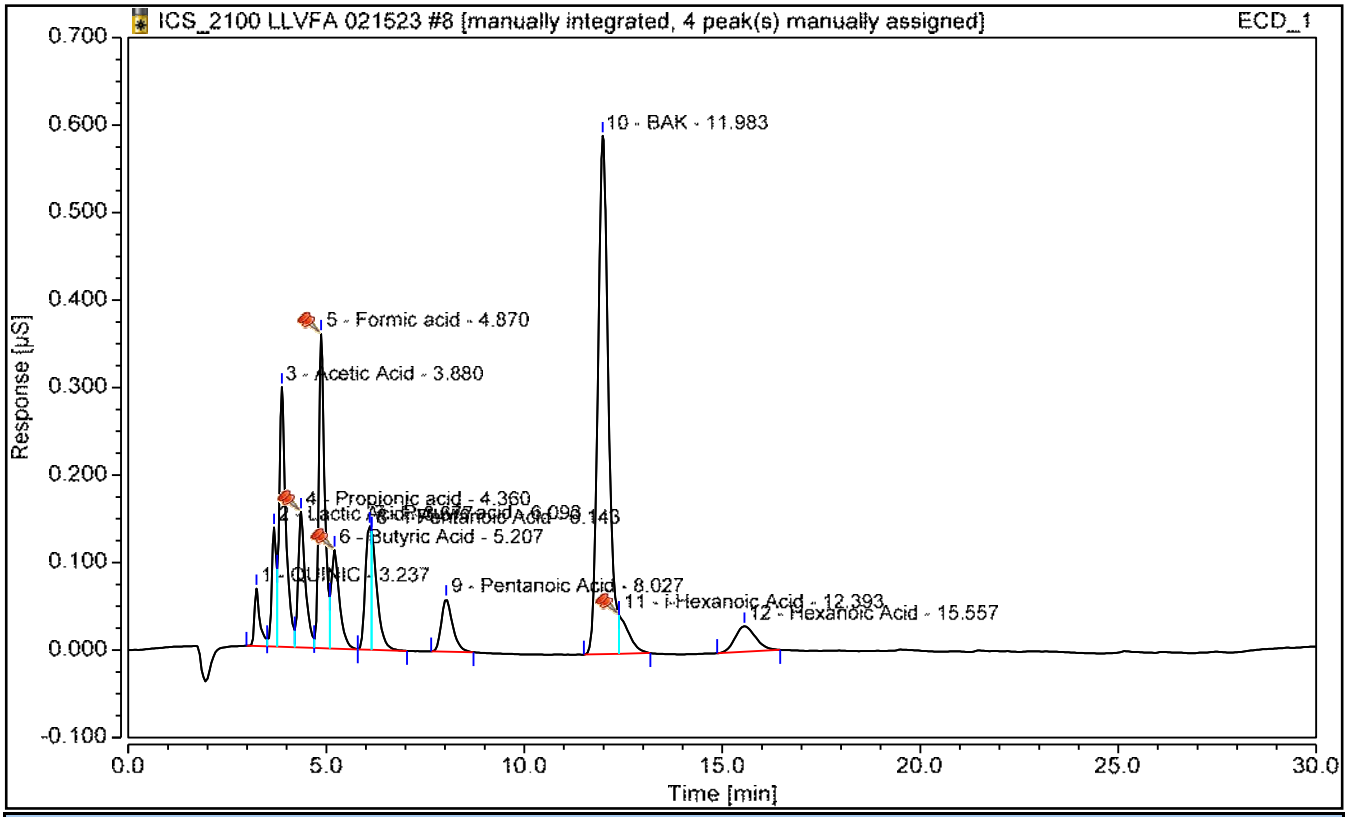
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.237	0.011	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.683	0.007	0.1665	-0.0335	0.2000	83.25
3	Acetic Acid	3.880	0.025	0.2117	0.0117	0.2000	105.86
4	Propionic acid	4.367	0.013	0.1899	-0.0101	0.2000	94.96
5	Formic acid	4.877	0.024	0.1641	-0.0359	0.2000	82.05
6	Butyric Acid	5.220	0.011	0.1798	-0.0202	0.2000	89.90
7	Pyruvic acid	6.100	0.009	0.1486	-0.0514	0.2000	74.29
8	i-Pentanoic Acid	6.150	0.009	0.1815	-0.0185	0.2000	90.74
9	Pentanoic Acid	8.073	0.009	0.1966	-0.0034	0.2000	98.31
10	BAK	12.003	0.188	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.477	0.005	0.1766	-0.0234	0.2000	88.29
12	Hexanoic Acid	15.677	0.007	0.2016	0.0016	0.2000	100.82

Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 5**	*Operator:*	**LHM**
Vial Number:	**GD6**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**05**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 15:00**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

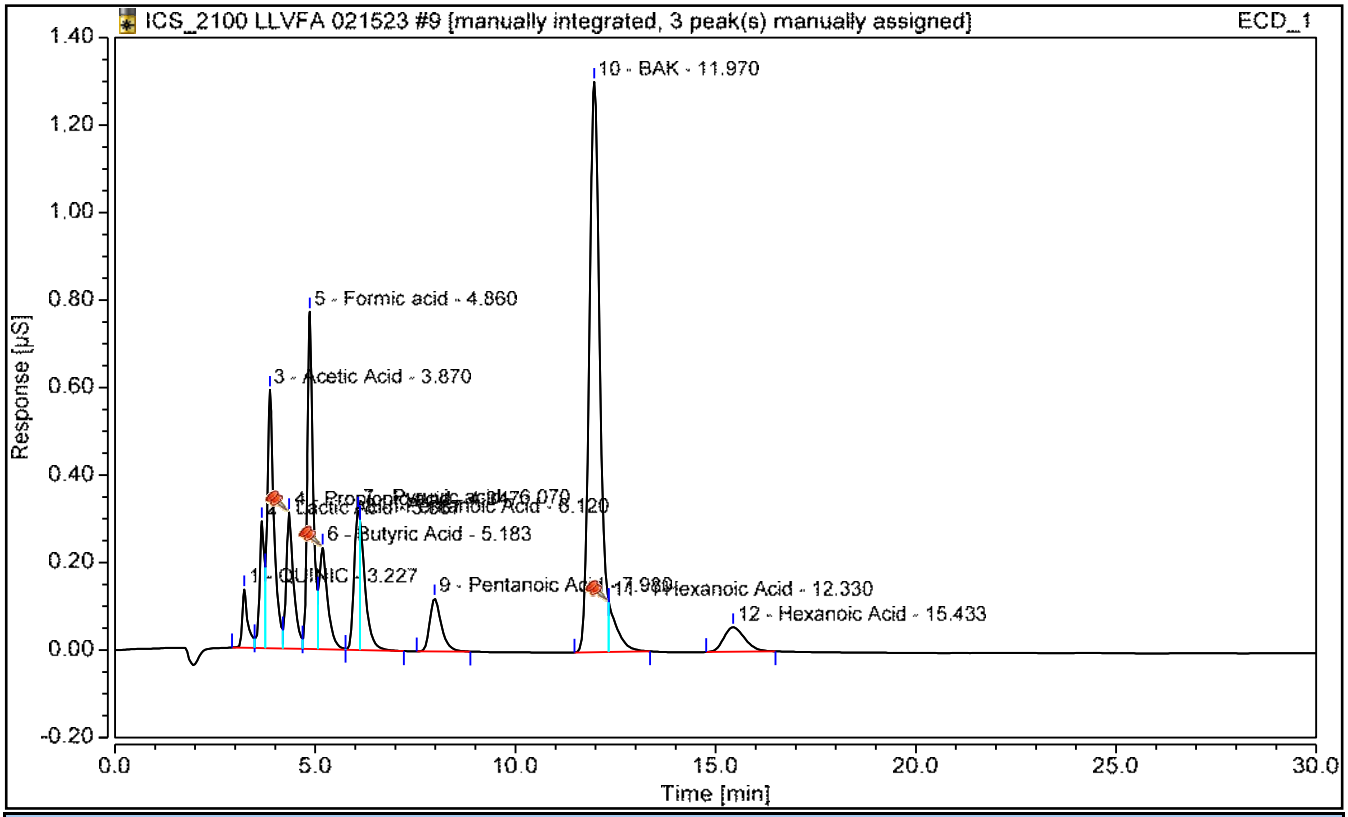
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.237	0.010	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.677	0.018	0.4223	-0.0777	0.5000	84.46
3	Acetic Acid	3.880	0.057	0.4845	-0.0155	0.5000	96.89
4	Propionic acid	4.360	0.033	0.4679	-0.0321	0.5000	93.58
5	Formic acid	4.870	0.062	0.4198	-0.0802	0.5000	83.95
6	Butyric Acid	5.207	0.027	0.4441	-0.0559	0.5000	88.83
7	Pyruvic acid	6.093	0.024	0.4187	-0.0813	0.5000	83.74
8	i-Pentanoic Acid	6.143	0.022	0.4395	-0.0605	0.5000	87.90
9	Pentanoic Acid	8.027	0.020	0.4576	-0.0424	0.5000	91.52
10	BAK	11.983	0.184	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.393	0.012	0.4219	-0.0781	0.5000	84.39
12	Hexanoic Acid	15.557	0.018	0.5074	0.0074	0.5000	101.49

Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 6**	*Operator:*	**LHM**
Vial Number:	**GD7**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**06**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 15:31**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

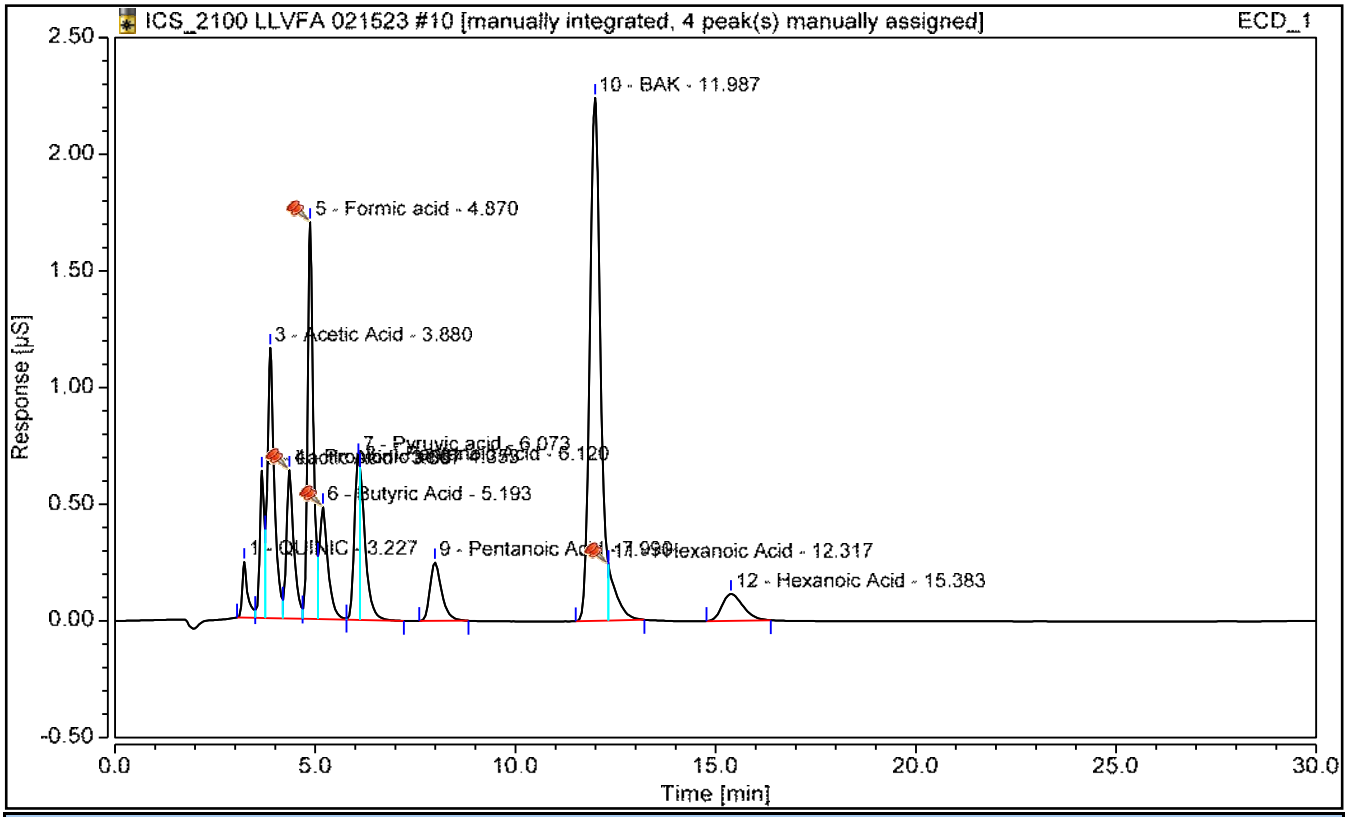
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.227	0.021	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.667	0.039	0.9128	-0.0872	1.0000	91.28
3	Acetic Acid	3.870	0.115	0.9805	-0.0195	1.0000	98.05
4	Propionic acid	4.347	0.067	0.9562	-0.0438	1.0000	95.62
5	Formic acid	4.860	0.130	0.8804	-0.1196	1.0000	88.04
6	Butyric Acid	5.183	0.056	0.9311	-0.0689	1.0000	93.11
7	Pyruvic acid	6.070	0.052	0.8956	-0.1044	1.0000	89.56
8	i-Pentanoic Acid	6.120	0.046	0.8952	-0.1048	1.0000	89.52
9	Pentanoic Acid	7.980	0.041	0.9428	-0.0572	1.0000	94.28
10	BAK	11.970	0.398	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.330	0.027	0.9451	-0.0549	1.0000	94.51
12	Hexanoic Acid	15.433	0.034	0.9868	-0.0132	1.0000	98.68

Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 7**	*Operator:*	**LHM**
Vial Number:	**GD8**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 16:03**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

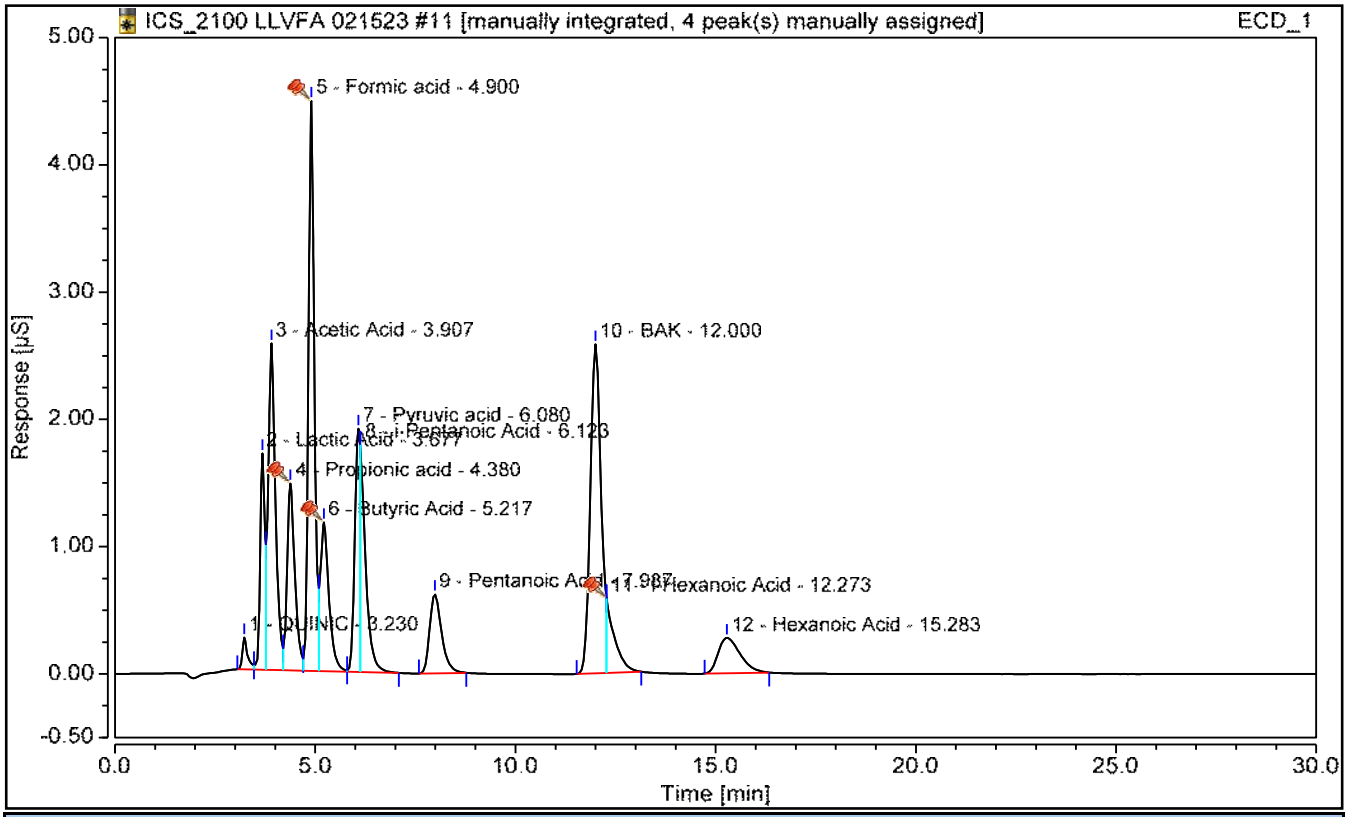
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.227	0.037	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.667	0.082	1.9118	-0.0882	2.0000	95.59
3	Acetic Acid	3.880	0.230	1.9977	-0.0023	2.0000	99.88
4	Propionic acid	4.353	0.136	1.9902	-0.0098	2.0000	99.51
5	Formic acid	4.870	0.282	1.9105	-0.0895	2.0000	95.53
6	Butyric Acid	5.193	0.118	1.9660	-0.0340	2.0000	98.30
7	Pyruvic acid	6.073	0.108	1.8987	-0.1013	2.0000	94.94
8	i-Pentanoic Acid	6.120	0.101	1.9471	-0.0529	2.0000	97.36
9	Pentanoic Acid	7.990	0.085	1.9691	-0.0309	2.0000	98.46
10	BAK	11.987	0.680	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.317	0.055	1.9508	-0.0492	2.0000	97.54
12	Hexanoic Acid	15.383	0.070	2.0214	0.0214	2.0000	101.07

Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 8**	*Operator:*	**LHM**
Vial Number:	**GE1**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**08**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 16:34**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.230	0.037	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.677	0.228	5.0976	0.0976	5.0000	101.95
3	Acetic Acid	3.907	0.543	5.0103	0.0103	5.0000	100.21
4	Propionic acid	4.380	0.330	5.0335	0.0335	5.0000	100.67
5	Formic acid	4.900	0.760	5.1179	0.1179	5.0000	102.36
6	Butyric Acid	5.217	0.291	5.0664	0.0664	5.0000	101.33
7	Pyruvic acid	6.080	0.282	5.1361	0.1361	5.0000	102.72
8	i-Pentanoic Acid	6.123	0.278	5.0755	0.0755	5.0000	101.51
9	Pentanoic Acid	7.987	0.217	5.0500	0.0500	5.0000	101.00
10	BAK	12.000	0.801	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.273	0.133	5.0830	0.0830	5.0000	101.66
12	Hexanoic Acid	15.283	0.176	4.9891	-0.0109	5.0000	99.78

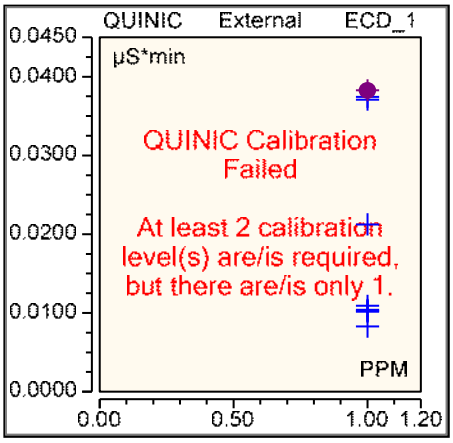
Calibration Batch Report

Sequence:	**ICS_2100 LLVFA 021523**	*Injection Volume:*	**10.00**
Instrument Method:	**ICS 2100 0_6 mM gradient**	*Operator:*	**LHM**
Injection Time:	**02/07/2023 17:06**	*Run Time:*	**30**

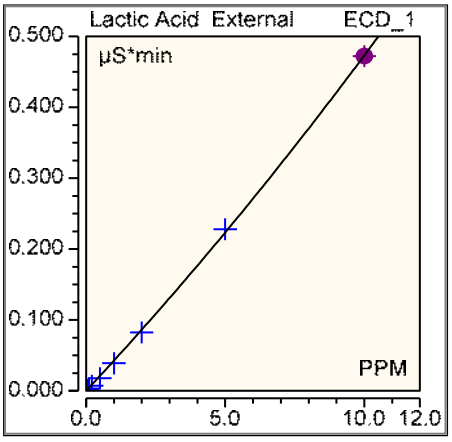
Calibration Summary

Peak Name	Eval.Type	Cal.Type	Points	Offset (C0)	Slope (C1)	Curve (C2)	Coeff.Det. %
QUINIC	Area	Quad	9.000	n.a.	n.a.	n.a.	n.a.
Lactic Acid	Area	Quad	9.000	0.000	0.042	0.001	99.9678
Acetic Acid	Area	Quad	9.000	0.000	0.119	-0.002	99.9949
Propionic acid	Area	Quad	9.000	0.000	0.071	-0.001	99.9938
Formic acid	Area	Quad	9.000	0.000	0.147	0.000	99.9517
Butyric Acid	Area	Quad	9.000	0.000	0.061	-0.001	99.9814
Pyruvic acid	Area	Quad	9.000	0.000	0.058	-0.001	99.9374
i-Pentanoic Acid	Area	Quad	9.000	0.000	0.050	0.001	99.9779
Pentanoic Acid	Area	Quad	9.000	0.000	0.043	0.000	99.9901
BAK	Area	Quad	9.000	n.a.	n.a.	n.a.	n.a.
i-Hexanoic Acid	Area	Quad	9.000	0.000	0.030	-0.001	99.9726
Hexanoic Acid	Area	Quad	9.000	0.000	0.035	0.000	99.9989
AVERAGE:				0.0000	0.0657	-0.0004	99.9767

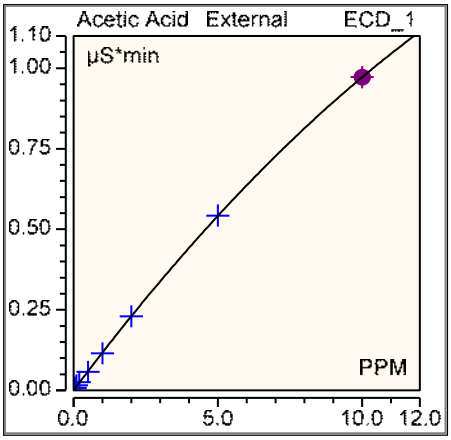
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	QUINIC	QUINIC	QUINIC	QUINIC
LLVFA ICAL 1	3.230	0.0104	0.065	n.a.
LLVFA ICAL 2	3.227	0.0083	0.052	n.a.
LLVFA ICAL 3	3.223	0.0102	0.065	n.a.
LLVFA ICAL 4	3.237	0.0109	0.070	n.a.
LLVFA ICAL 5	3.237	0.0103	0.066	n.a.
LLVFA ICAL 6	3.227	0.0212	0.133	n.a.
LLVFA ICAL 7	3.227	0.0371	0.239	n.a.
LLVFA ICAL 8	3.230	0.0374	0.251	n.a.
LLVFA ICAL 9	3.230	0.0383	0.268	n.a.
Average	3.230			
Rel. Std. Dev.	0.141 %			



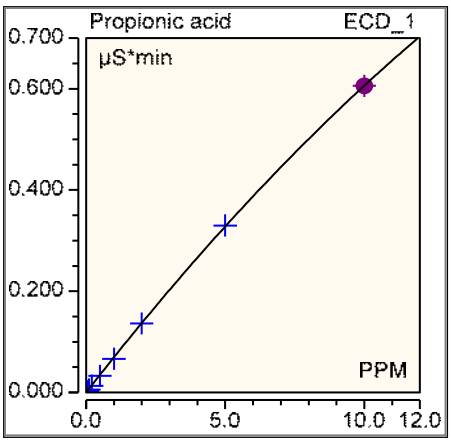
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	Lactic Acid	Lactic Acid	Lactic Acid	Lactic Acid
LLVFA ICAL 1	3.660	0.0009	0.007	0.022
LLVFA ICAL 2	3.663	0.0017	0.012	0.039
LLVFA ICAL 3	3.660	0.0033	0.026	0.079
LLVFA ICAL 4	3.683	0.0070	0.053	0.167
LLVFA ICAL 5	3.677	0.0178	0.136	0.422
LLVFA ICAL 6	3.667	0.0388	0.290	0.913
LLVFA ICAL 7	3.667	0.0823	0.631	1.912
LLVFA ICAL 8	3.677	0.2280	1.701	5.098
LLVFA ICAL 9	3.690	0.4722	3.268	9.982
Average	3.671			
Rel. Std. Dev.	0.291 %			



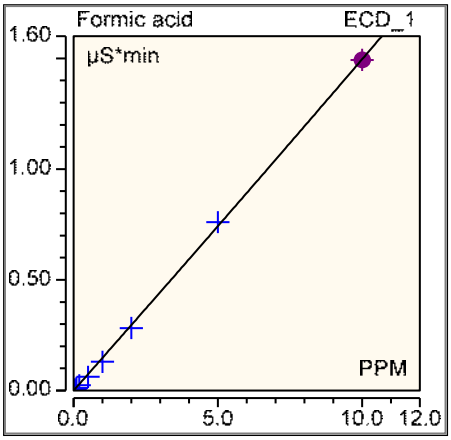
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	Acetic Acid	Acetic Acid	Acetic Acid	Acetic Acid
LLVFA ICAL 1	3.867	0.0065	0.033	0.055
LLVFA ICAL 2	3.863	0.0083	0.043	0.070
LLVFA ICAL 3	3.860	0.0152	0.080	0.128
LLVFA ICAL 4	3.880	0.0252	0.130	0.212
LLVFA ICAL 5	3.880	0.0573	0.297	0.484
LLVFA ICAL 6	3.870	0.1150	0.591	0.980
LLVFA ICAL 7	3.880	0.2297	1.159	1.998
LLVFA ICAL 8	3.907	0.5427	2.566	5.010
LLVFA ICAL 9	3.933	0.9721	4.260	9.997
Average	3.882			
Rel. Std. Dev.	0.609 %			



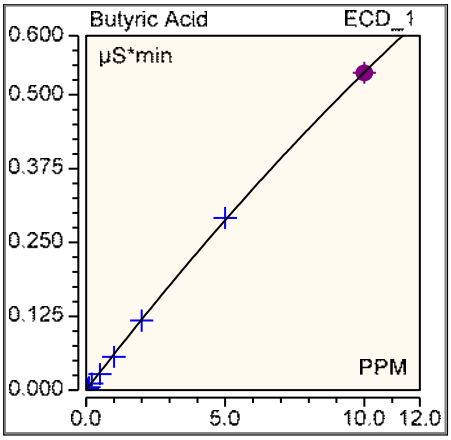
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	Propionic acid	Propionic ac	Propionic aci	Propionic acid
LLVFA ICAL 1	4.337	0.0021	0.008	0.029
LLVFA ICAL 2	4.337	0.0031	0.014	0.043
LLVFA ICAL 3	4.337	0.0059	0.029	0.084
LLVFA ICAL 4	4.367	0.0134	0.061	0.190
LLVFA ICAL 5	4.360	0.0328	0.155	0.468
LLVFA ICAL 6	4.347	0.0665	0.312	0.956
LLVFA ICAL 7	4.353	0.1364	0.637	1.990
LLVFA ICAL 8	4.380	0.3299	1.469	5.033
LLVFA ICAL 9	4.410	0.6057	2.505	9.991
Average	4.359			
Rel. Std. Dev.	0.561 %			



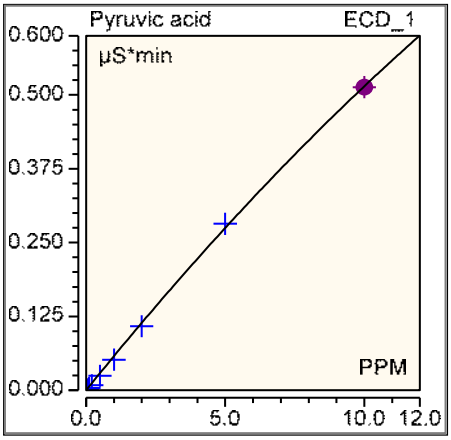
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	Formic acid	Formic acid	Formic acid	Formic acid
LLVFA ICAL 1	4.853	0.0032	0.017	0.022
LLVFA ICAL 2	4.853	0.0058	0.032	0.040
LLVFA ICAL 3	4.850	0.0120	0.068	0.082
LLVFA ICAL 4	4.877	0.0242	0.135	0.164
LLVFA ICAL 5	4.870	0.0619	0.359	0.420
LLVFA ICAL 6	4.860	0.1299	0.771	0.880
LLVFA ICAL 7	4.870	0.2823	1.702	1.911
LLVFA ICAL 8	4.900	0.7601	4.480	5.118
LLVFA ICAL 9	4.940	1.4929	8.306	9.976
Average	4.875			
Rel. Std. Dev.	0.593 %			



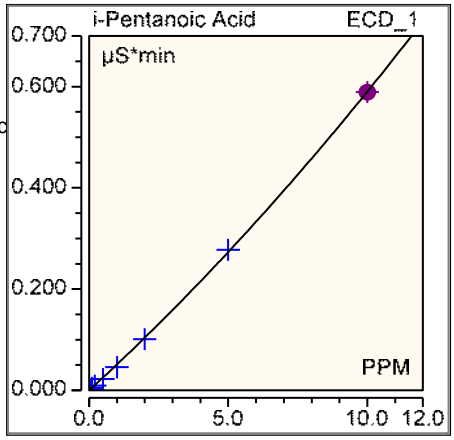
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	Butyric Acid	Butyric Acid	Butyric Acid	Butyric Acid
LLVFA ICAL 1	5.177	0.0008	0.004	0.013
LLVFA ICAL 2	5.180	0.0026	0.010	0.042
LLVFA ICAL 3	5.180	0.0046	0.020	0.075
LLVFA ICAL 4	5.220	0.0110	0.044	0.180
LLVFA ICAL 5	5.207	0.0271	0.113	0.444
LLVFA ICAL 6	5.183	0.0565	0.232	0.931
LLVFA ICAL 7	5.193	0.1177	0.481	1.966
LLVFA ICAL 8	5.217	0.2914	1.170	5.066
LLVFA ICAL 9	5.253	0.5373	2.083	9.984
Average	5.201			
Rel. Std. Dev.	0.491 %			



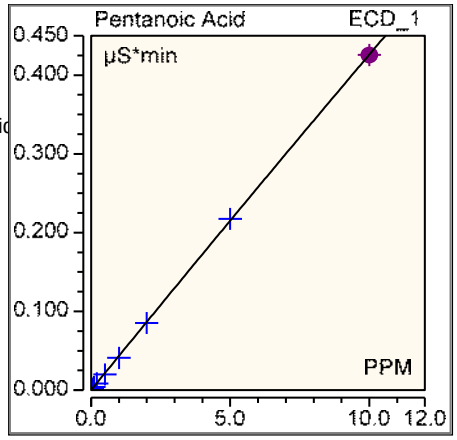
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	Pyruvic acid	Pyruvic acid	Pyruvic acid	Pyruvic acid
LLVFA ICAL 1	6.077	0.0007	0.005	0.012
LLVFA ICAL 2	6.073	0.0017	0.012	0.030
LLVFA ICAL 3	6.080	0.0038	0.026	0.065
LLVFA ICAL 4	6.100	0.0087	0.050	0.149
LLVFA ICAL 5	6.093	0.0243	0.141	0.419
LLVFA ICAL 6	6.070	0.0518	0.319	0.896
LLVFA ICAL 7	6.073	0.1084	0.697	1.899
LLVFA ICAL 8	6.080	0.2818	1.912	5.136
LLVFA ICAL 9	6.103	0.5132	3.779	9.967
Average	6.083			
Rel. Std. Dev.	0.203 %			



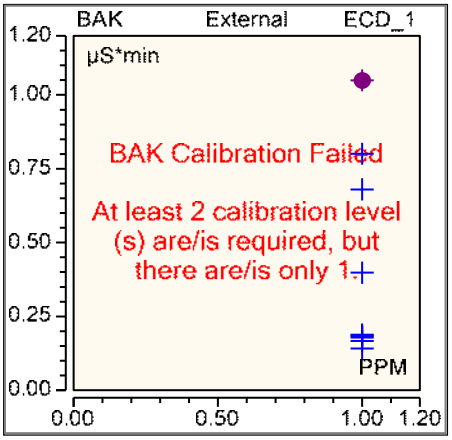
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	i-Pentanoic Acid	i-Pentanoic	i-Pentanoic A	i-Pentanoic Ac
LLVFA ICAL 1	6.113	0.0007	0.004	0.014
LLVFA ICAL 2	6.100	0.0019	0.011	0.038
LLVFA ICAL 3	6.097	0.0048	0.026	0.095
LLVFA ICAL 4	6.150	0.0091	0.049	0.181
LLVFA ICAL 5	6.143	0.0223	0.136	0.439
LLVFA ICAL 6	6.120	0.0457	0.299	0.895
LLVFA ICAL 7	6.120	0.1012	0.656	1.947
LLVFA ICAL 8	6.123	0.2776	1.787	5.076
LLVFA ICAL 9	6.133	0.5892	3.628	9.986
Average	6.122			
Rel. Std. Dev.	0.293 %			



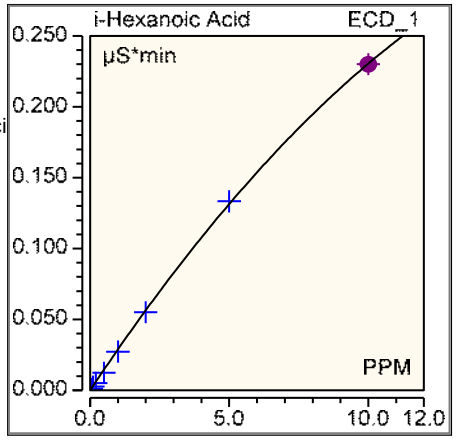
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	Pentanoic Acid	Pentanoic A	Pentanoic Ac	Pentanoic Acid
LLVFA ICAL 1	7.987	0.0007	0.002	0.016
LLVFA ICAL 2	8.003	0.0019	0.005	0.043
LLVFA ICAL 3	8.007	0.0039	0.012	0.089
LLVFA ICAL 4	8.073	0.0085	0.024	0.197
LLVFA ICAL 5	8.027	0.0199	0.060	0.458
LLVFA ICAL 6	7.980	0.0409	0.121	0.943
LLVFA ICAL 7	7.990	0.0853	0.251	1.969
LLVFA ICAL 8	7.987	0.2174	0.623	5.050
LLVFA ICAL 9	8.000	0.4256	1.150	9.989
Average	8.006			
Rel. Std. Dev.	0.361 %			



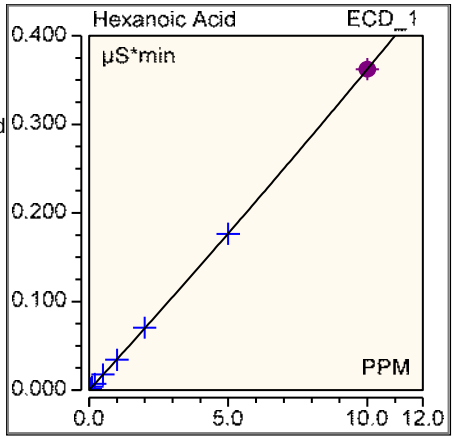
Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	BAK	BAK	BAK	BAK
LLVFA ICAL 1	11.963	0.1669	0.549	n.a.
LLVFA ICAL 2	11.960	0.1411	0.458	n.a.
LLVFA ICAL 3	11.960	0.1781	0.587	n.a.
LLVFA ICAL 4	12.003	0.1884	0.618	n.a.
LLVFA ICAL 5	11.983	0.1839	0.593	n.a.
LLVFA ICAL 6	11.970	0.3979	1.304	n.a.
LLVFA ICAL 7	11.987	0.6802	2.242	n.a.
LLVFA ICAL 8	12.000	0.8007	2.585	n.a.
LLVFA ICAL 9	12.030	1.0492	3.267	n.a.
Average	11.984			
Rel. Std. Dev.	0.199 %			



Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	i-Hexanoic Acid	i-Hexanoic A	i-Hexanoic Ac	i-Hexanoic Acid
LLVFA ICAL 1	12.503	0.0007	0.004	0.023
LLVFA ICAL 2	12.520	0.0010	0.005	0.035
LLVFA ICAL 3	12.373	0.0027	0.018	0.092
LLVFA ICAL 4	12.477	0.0052	0.019	0.177
LLVFA ICAL 5	12.393	0.0123	0.044	0.422
LLVFA ICAL 6	12.330	0.0273	0.114	0.945
LLVFA ICAL 7	12.317	0.0551	0.241	1.951
LLVFA ICAL 8	12.273	0.1333	0.586	5.083
LLVFA ICAL 9	12.297	0.2301	0.955	9.976
Average	12.387			
Rel. Std. Dev.	0.748 %			



Injection Name	Ret.Time min ECD_1	Area µS*min ECD_1	Height µS ECD_1	Amount PPM ECD_1
	Hexanoic Acid	Hexanoic Ac	Hexanoic Aci	Hexanoic Acid
LLVFA ICAL 1	15.697	0.0009	0.002	0.026
LLVFA ICAL 2	15.600	0.0020	0.003	0.057
LLVFA ICAL 3	15.597	0.0039	0.006	0.114
LLVFA ICAL 4	15.677	0.0070	0.013	0.202
LLVFA ICAL 5	15.557	0.0176	0.029	0.507
LLVFA ICAL 6	15.433	0.0342	0.056	0.987
LLVFA ICAL 7	15.383	0.0705	0.115	2.021
LLVFA ICAL 8	15.283	0.1764	0.278	4.989
LLVFA ICAL 9	15.203	0.3623	0.524	10.002
Average	15.492			
Rel. Std. Dev.	1.129 %			

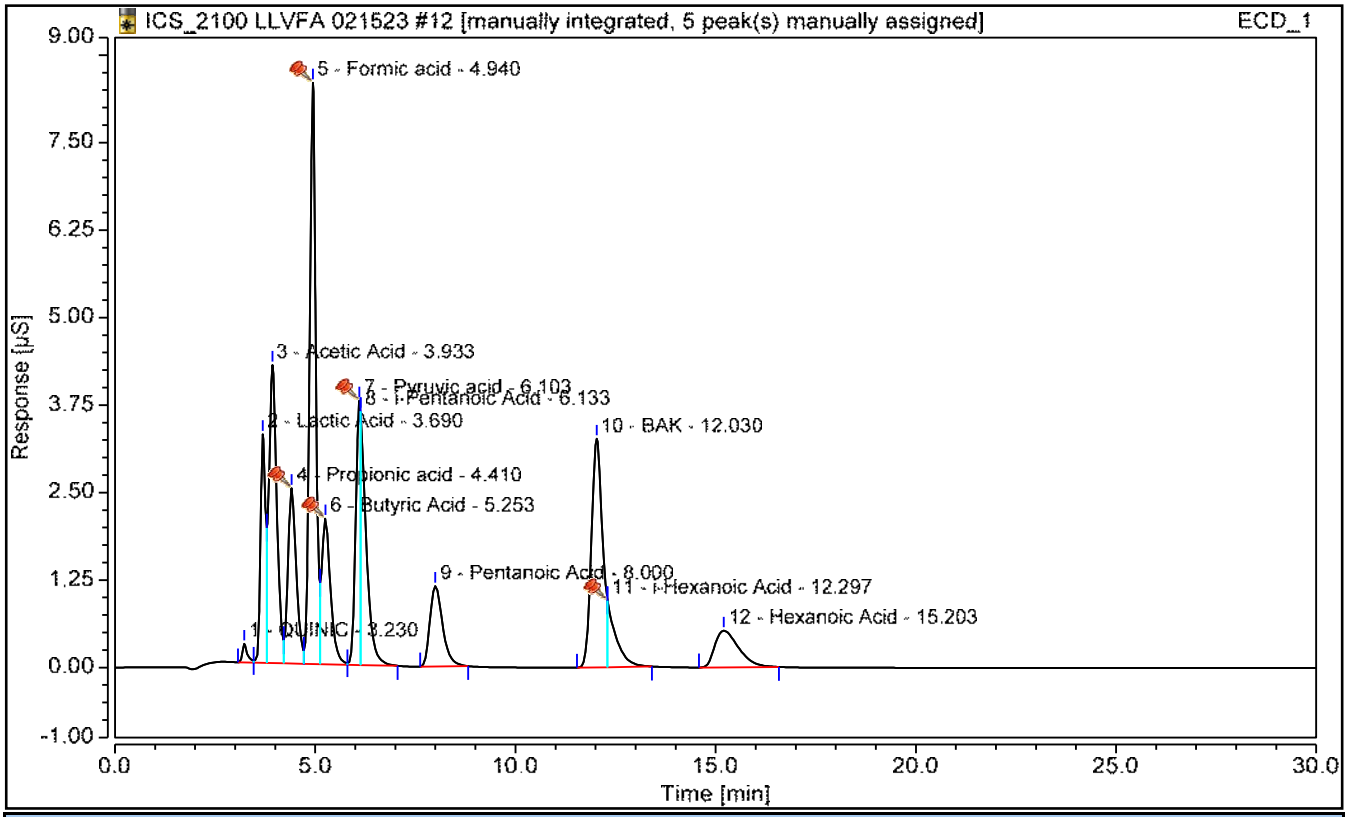


Chromatogram and Results

Injection Details

Injection Name:	**LLVFA ICAL 9**	*Operator:*	**LHM**
Vial Number:	**GE2**	*Injection Volume:*	**10.00**
Injection Type:	**Calibration Standard**	*Dilution Factor:*	**1**
Calibration Level:	**09**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 17:06**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

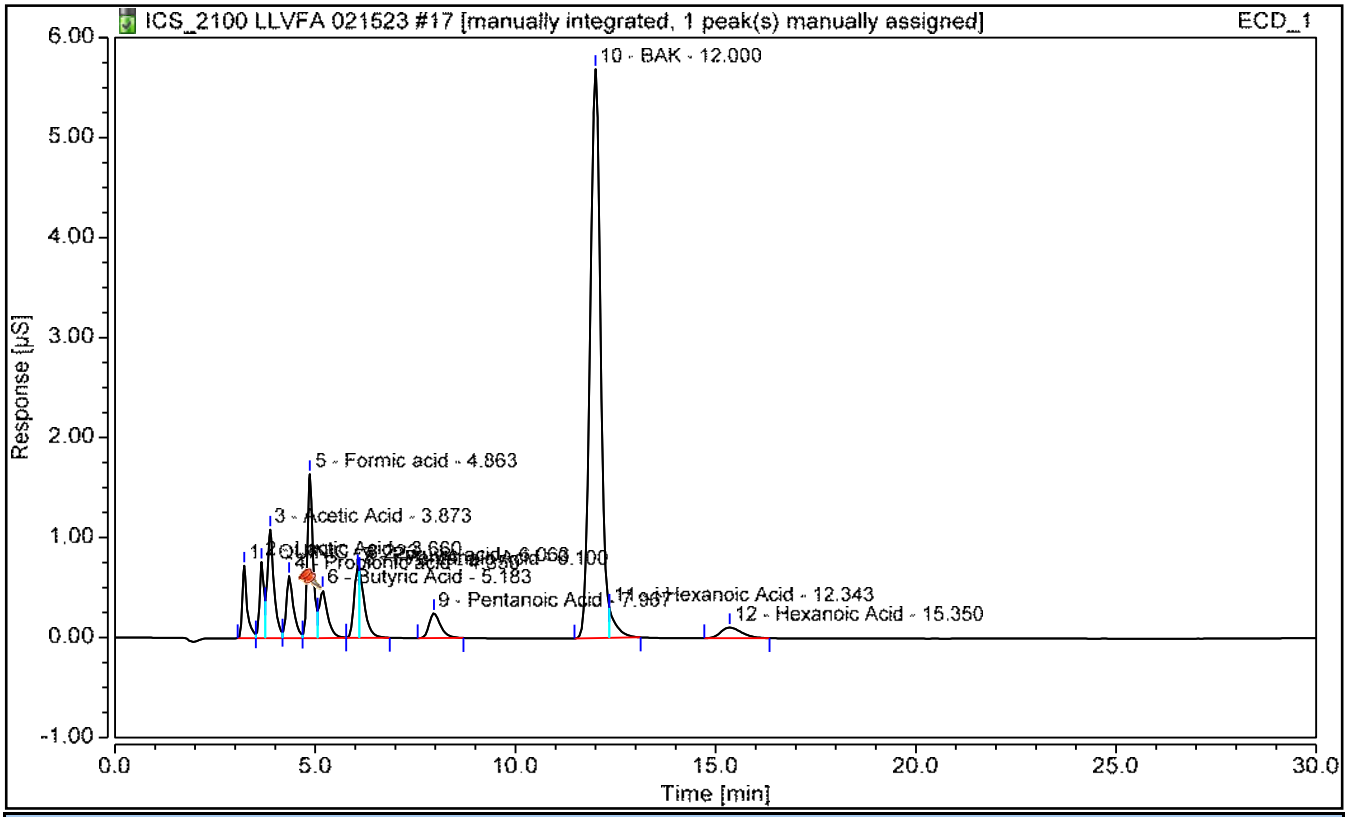
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.230	0.038	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.690	0.472	9.9819	-0.0181	10.0000	99.82
3	Acetic Acid	3.933	0.972	9.9972	-0.0028	10.0000	99.97
4	Propionic acid	4.410	0.606	9.9912	-0.0088	10.0000	99.91
5	Formic acid	4.940	1.493	9.9758	-0.0242	10.0000	99.76
6	Butyric Acid	5.253	0.537	9.9835	-0.0165	10.0000	99.84
7	Pyruvic acid	6.103	0.513	9.9674	-0.0326	10.0000	99.67
8	i-Pentanoic Acid	6.133	0.589	9.9861	-0.0139	10.0000	99.86
9	Pentanoic Acid	8.000	0.426	9.9892	-0.0108	10.0000	99.89
10	BAK	12.030	1.049	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.297	0.230	9.9757	-0.0243	10.0000	99.76
12	Hexanoic Acid	15.203	0.362	10.0019	0.0019	10.0000	100.02

Chromatogram and Results

Injection Details

Injection Name:	**ICV**	*Operator:*	**LHM**
Vial Number:	**GE3**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 19:44**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

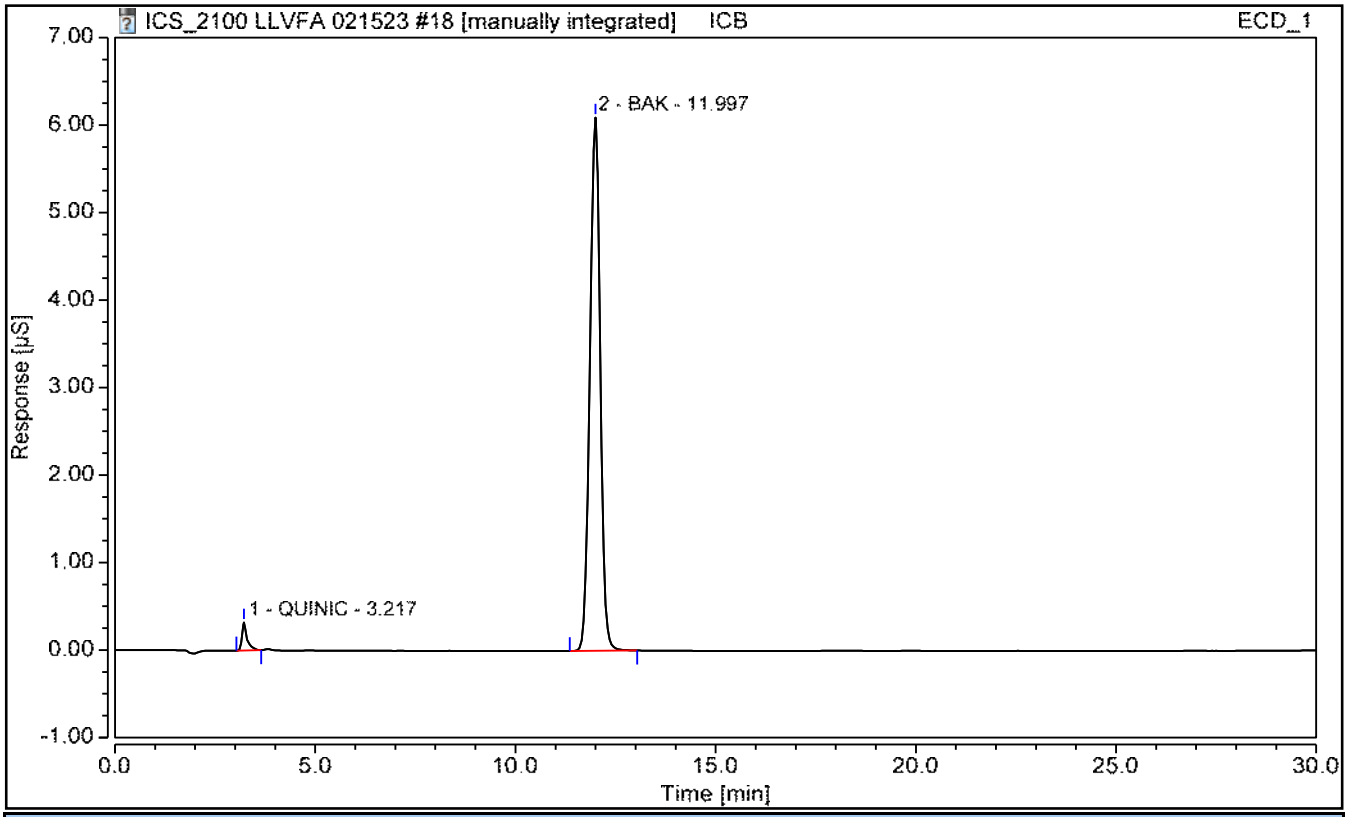
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.223	0.102	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.660	0.096	2.2108	0.2108	2.0000	110.54
3	Acetic Acid	3.873	0.207	1.7939	-0.2061	2.0000	89.69
4	Propionic acid	4.350	0.130	1.8892	-0.1108	2.0000	94.46
5	Formic acid	4.863	0.270	1.8282	-0.1718	2.0000	91.41
6	Butyric Acid	5.183	0.117	1.9492	-0.0508	2.0000	97.46
7	Pyruvic acid	6.063	0.101	1.7603	-0.2397	2.0000	88.02
8	i-Pentanoic Acid	6.100	0.104	1.9959	-0.0041	2.0000	99.80
9	Pentanoic Acid	7.967	0.083	1.9194	-0.0806	2.0000	95.97
10	BAK	12.000	1.716	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	12.343	0.056	1.9663	-0.0337	2.0000	98.31
12	Hexanoic Acid	15.350	0.065	1.8689	-0.1311	2.0000	93.44

Chromatogram and Results

Injection Details

Injection Name:	**ICB**	*Operator:*	**LHM**
Vial Number:	**G1**	*Injection Volume:*	**10.00**
Injection Type:	**Unknown**	*Dilution Factor:*	**1**
Calibration Level:		*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/07/2023 20:15**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

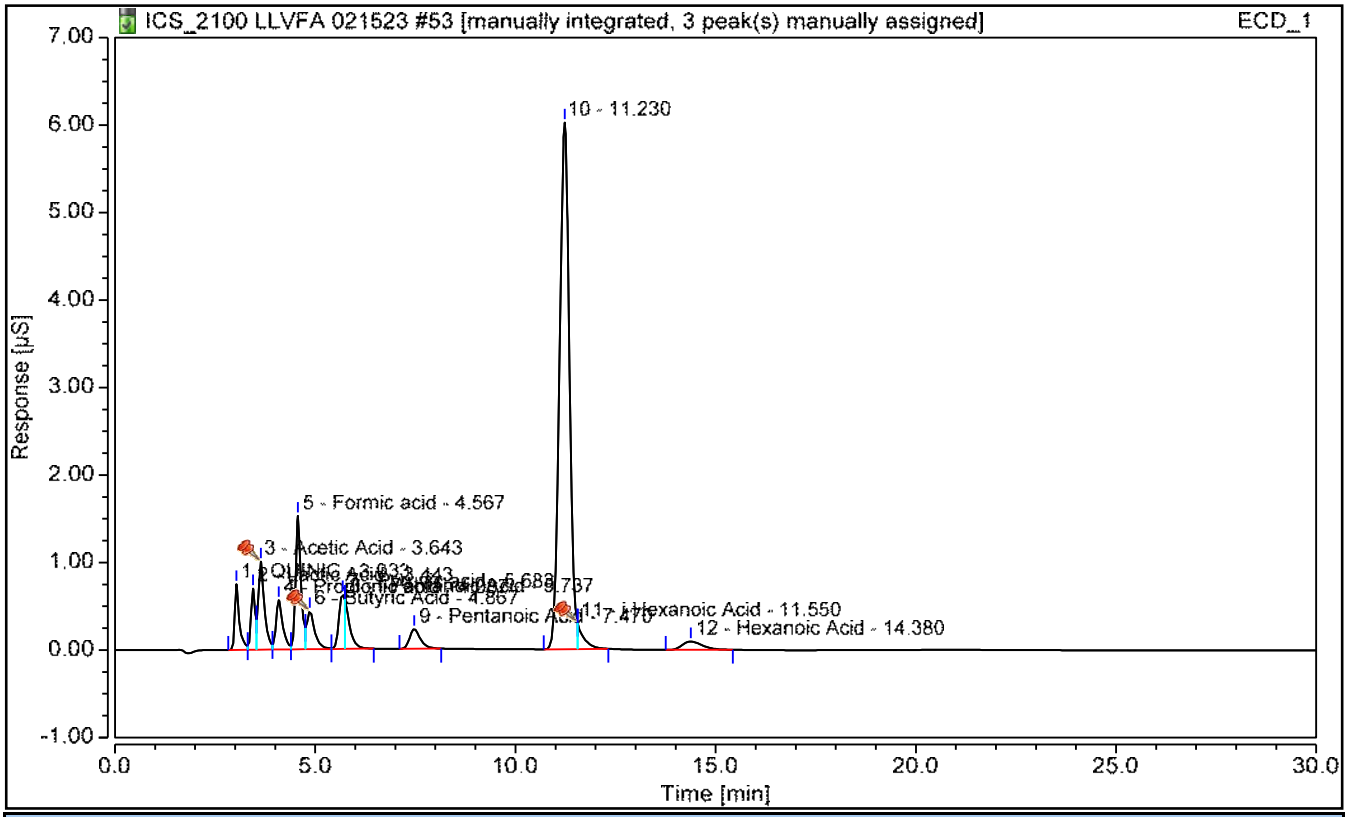
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.217	0.046	n.a.	n.a.	n.a.	n.a.
n.a.	Lactic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Acetic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Propionic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Formic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Butyric Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pyruvic acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Pentanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	i-Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	BAK	11.997	1.822	n.a.	n.a.	n.a.	n.a.
n.a.	Hexanoic Acid	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Chromatogram and Results

Injection Details

Injection Name:	**ICV**	*Operator:*	**LHM**
Vial Number:	**BE2**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 04:51**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

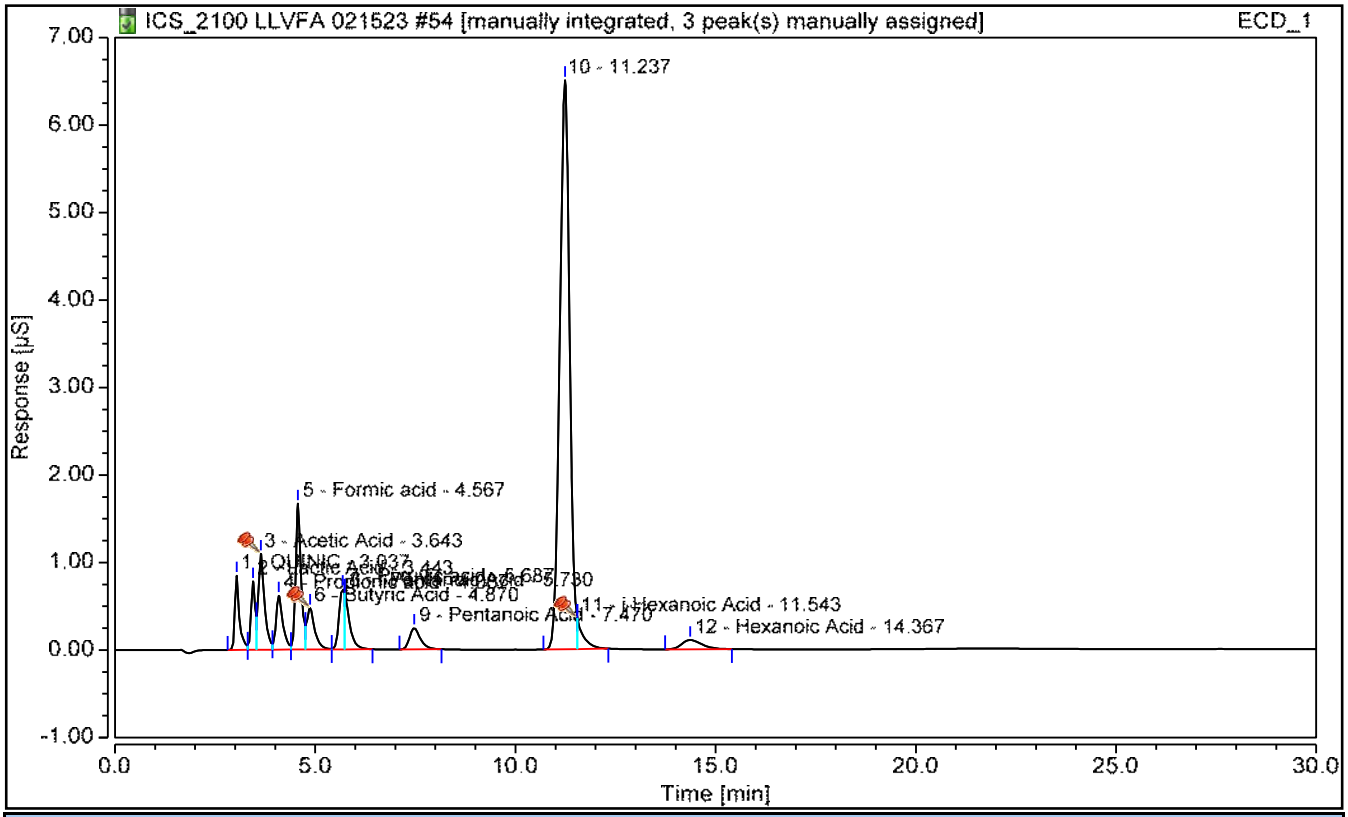
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.033	0.100	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.443	0.084	1.9428	-0.0572	2.0000	97.14
3	Acetic Acid	3.643	0.181	1.5570	-0.4430	2.0000	77.85
4	Propionic acid	4.087	0.112	1.6192	-0.3808	2.0000	80.96
5	Formic acid	4.567	0.238	1.6130	-0.3870	2.0000	80.65
6	Butyric Acid	4.867	0.101	1.6805	-0.3195	2.0000	84.02
7	Pyruvic acid	5.683	0.098	1.7091	-0.2909	2.0000	85.45
8	i-Pentanoic Acid	5.737	0.079	1.5385	-0.4615	2.0000	76.92
9	Pentanoic Acid	7.470	0.071	1.6339	-0.3661	2.0000	81.69
n.a.	BAK	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.550	0.051	1.7853	-0.2147	2.0000	89.27
12	Hexanoic Acid	14.380	0.056	1.6044	-0.3956	2.0000	80.22

Chromatogram and Results

Injection Details

Injection Name:	**ICV**	*Operator:*	**LHM**
Vial Number:	**BE2**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 05:23**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

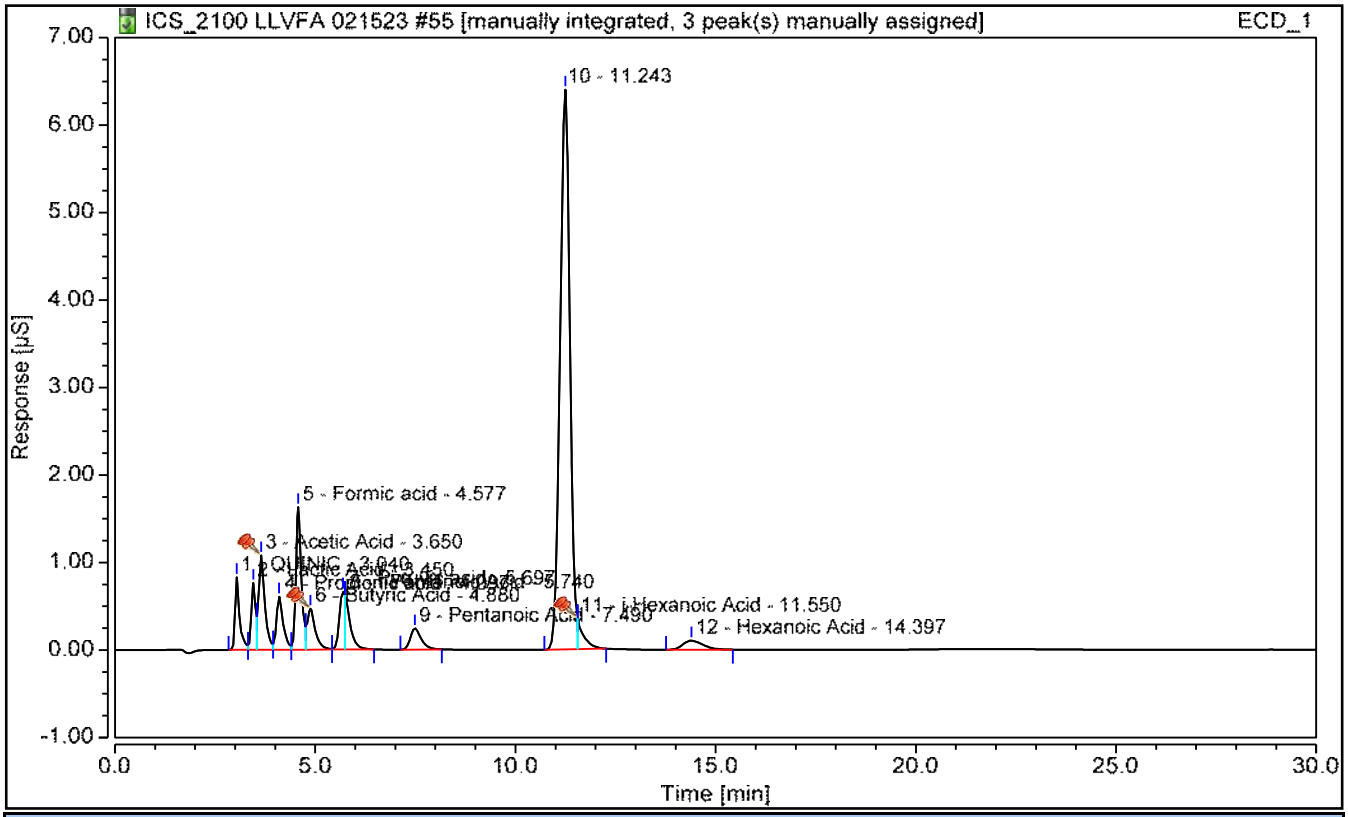
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.037	0.113	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.443	0.094	2.1767	0.1767	2.0000	108.83
3	Acetic Acid	3.643	0.197	1.7075	-0.2925	2.0000	85.37
4	Propionic acid	4.087	0.122	1.7797	-0.2203	2.0000	88.99
5	Formic acid	4.567	0.261	1.7677	-0.2323	2.0000	88.39
6	Butyric Acid	4.870	0.109	1.8180	-0.1820	2.0000	90.90
7	Pyruvic acid	5.687	0.102	1.7810	-0.2190	2.0000	89.05
8	i-Pentanoic Acid	5.730	0.092	1.7822	-0.2178	2.0000	89.11
9	Pentanoic Acid	7.470	0.078	1.7954	-0.2046	2.0000	89.77
n.a.	BAK	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.543	0.059	2.0841	0.0841	2.0000	104.20
12	Hexanoic Acid	14.367	0.061	1.7627	-0.2373	2.0000	88.13

Chromatogram and Results

Injection Details

Injection Name:	**ICV**	*Operator:*	**LHM**
Vial Number:	**BE2**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 05:55**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

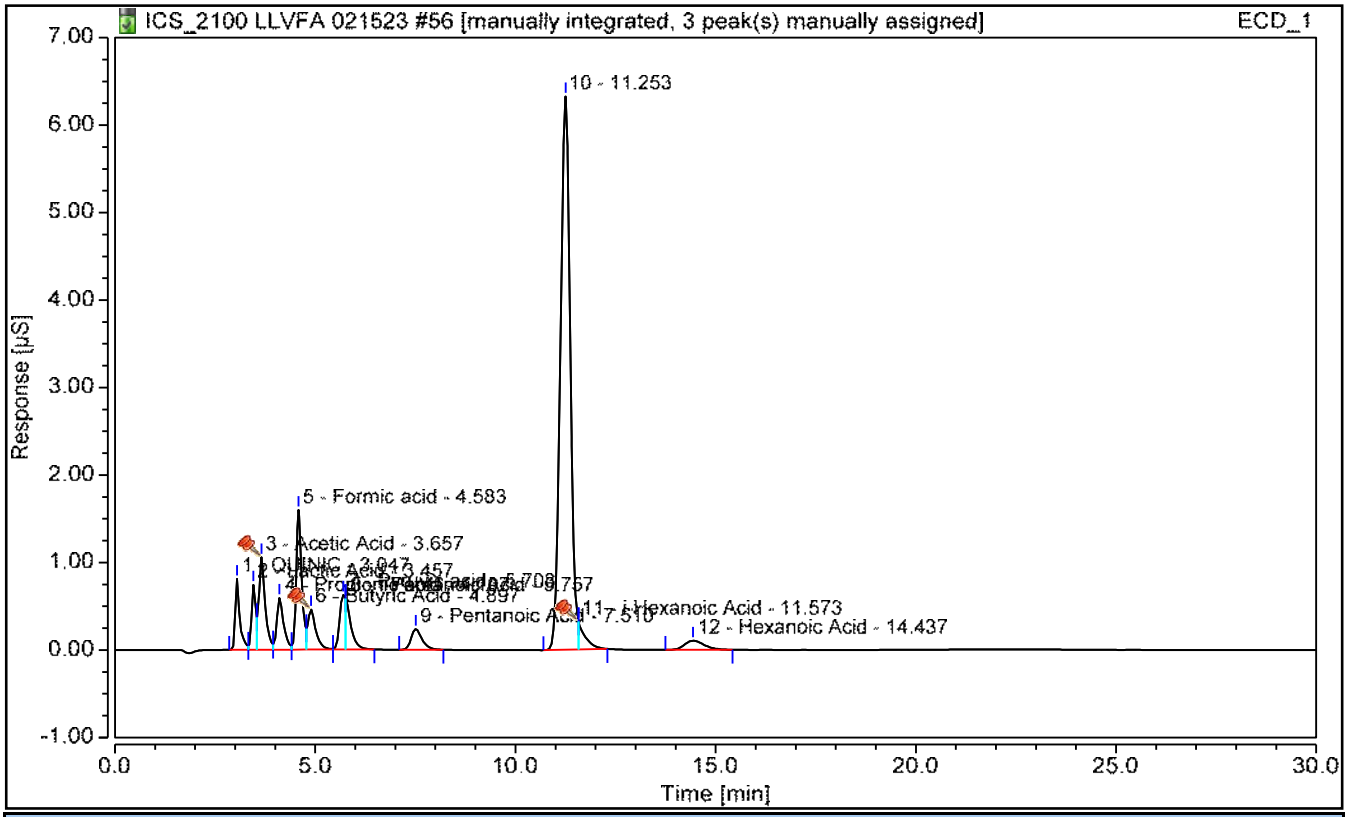
No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.040	0.111	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.450	0.092	2.1384	0.1384	2.0000	106.92
3	Acetic Acid	3.650	0.195	1.6860	-0.3140	2.0000	84.30
4	Propionic acid	4.097	0.120	1.7500	-0.2500	2.0000	87.50
5	Formic acid	4.577	0.255	1.7294	-0.2706	2.0000	86.47
6	Butyric Acid	4.880	0.109	1.8224	-0.1776	2.0000	91.12
7	Pyruvic acid	5.697	0.099	1.7271	-0.2729	2.0000	86.35
8	i-Pentanoic Acid	5.740	0.093	1.7911	-0.2089	2.0000	89.55
9	Pentanoic Acid	7.490	0.077	1.7670	-0.2330	2.0000	88.35
n.a.	BAK	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.550	0.059	2.1026	0.1026	2.0000	105.13
12	Hexanoic Acid	14.397	0.061	1.7516	-0.2484	2.0000	87.58

Chromatogram and Results

Injection Details

Injection Name:	**ICV**	*Operator:*	**LHM**
Vial Number:	**BE2**	*Injection Volume:*	**10.00**
Injection Type:	**Check Standard**	*Dilution Factor:*	**1**
Calibration Level:	**07**	*Instrument Method:*	**ICS 2100 0_6 mM gradient**
Injection Time:	**02/16/2023 06:26**	*Processing Method:*	**pat mm red01**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area µS*min	Amount mg/L	Amnt.Dev. mg/L	True Value mg/L	Recovery %
1	QUINIC	3.047	0.108	n.a.	n.a.	n.a.	n.a.
2	Lactic Acid	3.457	0.087	2.0266	0.0266	2.0000	101.33
3	Acetic Acid	3.657	0.194	1.6800	-0.3200	2.0000	84.00
4	Propionic acid	4.107	0.119	1.7225	-0.2775	2.0000	86.12
5	Formic acid	4.583	0.252	1.7027	-0.2973	2.0000	85.14
6	Butyric Acid	4.897	0.107	1.7823	-0.2177	2.0000	89.11
7	Pyruvic acid	5.703	0.099	1.7314	-0.2686	2.0000	86.57
8	i-Pentanoic Acid	5.757	0.089	1.7151	-0.2849	2.0000	85.76
9	Pentanoic Acid	7.510	0.076	1.7479	-0.2521	2.0000	87.40
n.a.	BAK	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	i-Hexanoic Acid	11.573	0.060	2.1397	0.1397	2.0000	106.99
12	Hexanoic Acid	14.437	0.060	1.7162	-0.2838	2.0000	85.81

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix W

ALL SHA

Client ID: 5651 - GEI Consultants - Ithaca
SDG: 223021116
PM: RWe

Company: GEI

Billing Information:

Address: 1301 Trumansburg Rd

Report To: Ithaca NY 14850 Jmoulton@geiconsultants

Email To:

Copy To: wmoore@geiconsultants.

Site Collection Info/Address: Liverpool, NY

Customer Project Name/Number:

State: NY | County/City: | Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Brenden Pabst

Purchase Order #:
Quote #: 00130953

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required: Standard

Immediately Packed on Ice: [X] Yes [ ] No

Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [X] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative

Bark

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Volatile Fatty Acids
MW1-G	GW	Grab	2/[illegible]/23	930	—	—		2	2
MW2-G	GW	Grab	2/[illegible]/23	1200	—	—		2	2
MW3S-G	GW	Grab	2/17/23	1545	—	—		2	2
MW3I-G	GW	Grab	2/18/23	1630	—	—		2	2
MW4S-G	GW	Grab	2/18/23	1400	—	—		2	2
MW4I-G	GW	Grab	2/18/23	1645	—	—		2	2

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

1
2
3
4
5
6

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: 7712 7254 3551

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2907758

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments: 0.9E3S

Relinquished by/Company: (Signature)	Date/Time: 2/9/23 1910	Received by/Company: (Signature)	Date/Time: 2/10 @ 0920	MTIL LAB USE ONLY
Relinquished by/Company: (Signature)	Date/Time: 2/10 17:00	Received by/Company: (Signature)	Date/Time:	Table #: Acctnum: Template: Prelogin: PM: PB:
Relinquished by/Company: (Signature) FedEx	Date/Time: 2/11/23 9.44	Received by/Company: (Signature)	Date/Time: 2/11/23 9.44	

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

SAMPLE RECEIVING CHECKLIST

SAMPLE DELIVERY GROUP 223021116	
Client **PM** RWe 5651 - GEI Consultants - Ithaca	**Transport Method** FEDEX
Profile Number 306626	**Received By** Roberts, George S.
Line Item(s) 1 - VFAS	**Receive Date(s)** 02/11/23

CHECKLIST	YES	NO
Samples received with proper thermal preservation?	☑	☐
Radioactivity is <1600 cpm? If no, record cpm value in notes section.	☑	☐
COC relinquished and complete (including sampleIDs, collect times, and sampler)?	☑	☐
All containers received in good condition and within hold time?	☑	☐
All sample labels and containers received match the chain of custody?	☑	☐
Preservative added to any containers?	☐	☑
If received, was headspace for VOC water containers < 6mm?	☑	☐
Samples collected in containers provided by Pace Gulf Coast?	☑	☐

COOLERS

Airbill	Thermometer ID: E38	Temp °C
771272543550		0.9

DISCREPANCIES

None

LAB PRESERVATIONS

None

NOTES

Revision 1.6

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 29, 2023

Wendy Moore
GEI Consultants - NY
1301 Trumansburg Road, Suite N
Ithaca, NY 14850

Project Location: NY Onondaga
Client Job Number:
Project Number: [none]
Laboratory Work Order Number: 23G0821

Enclosed are results of analyses for samples as received by the laboratory on July 7, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Theresa L. Ferrentino
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

GEI Consultants - NY
1301 Trumansburg Road, Suite N
Ithaca, NY 14850
ATTN: Wendy Moore

REPORT DATE: 8/29/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: [none]

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23G0821

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: NY Onondaga

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW 1	23G0821-01	Ground Water		-	NC 618
				ENV-SOP-BTRO-0042	NC 618
MW 2	23G0821-02	Ground Water		-	NC 618
				ENV-SOP-BTRO-0042	NC 618
MW 3S	23G0821-03	Ground Water		-	NC 618
				ENV-SOP-BTRO-0042	NC 618
MW 3I	23G0821-04	Ground Water		-	NC 618
				ENV-SOP-BTRO-0042	NC 618
MW 4S	23G0821-05	Ground Water		-	NC 618
				ENV-SOP-BTRO-0042	NC 618
MW 4I	23G0821-06	Ground Water		-	NC 618
				ENV-SOP-BTRO-0042	NC 618

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY Onondaga | Sample Description: | Work Order: 23G0821

Date Received: 7/7/2023

Field Sample #: MW 1 | Sampled: 7/6/2023 15:25

Sample ID: 23G0821-01

Sample Matrix: Ground Water

Miscellaneous Test

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
See Attached Sub Contract Report	See Attache		N/A	1		ENV-SOP-BTRO-0042	7/6/23	8/4/23 0:00	PACE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY Onondaga | Sample Description: | Work Order: 23G0821

Date Received: 7/7/2023

Field Sample #: MW 2 | Sampled: 7/6/2023 09:45

Sample ID: 23G0821-02

Sample Matrix: Ground Water

Miscellaneous Test

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
See Attached Sub Contract Report	See Attache		N/A	1		ENV-SOP-BTRO-0042	7/6/23	8/4/23 0:00	PACE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY Onondaga | Sample Description: | Work Order: 23G0821

Date Received: 7/7/2023

Field Sample #: MW 3S | Sampled: 7/6/2023 12:05

Sample ID: 23G0821-03

Sample Matrix: Ground Water

Miscellaneous Test

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
See Attached Sub Contract Report	See Attache		N/A	1		ENV-SOP-BTRO-0042	7/6/23	8/4/23 0:00	PACE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY Onondaga | Sample Description: | Work Order: 23G0821

Date Received: 7/7/2023

Field Sample #: MW 3I | Sampled: 7/6/2023 09:55

Sample ID: 23G0821-04

Sample Matrix: Ground Water

Miscellaneous Test

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
See Attached Sub Contract Report	See Attache		N/A	1		ENV-SOP-BTRO-0042	7/6/23	8/4/23 0:00	PACE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY Onondaga | Sample Description: | Work Order: 23G0821

Date Received: 7/7/2023

Field Sample #: MW 4S | Sampled: 7/6/2023 14:55

Sample ID: 23G0821-05

Sample Matrix: Ground Water

Miscellaneous Test

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
See Attached Sub Contract Report	See Attache		N/A	1		ENV-SOP-BTRO-0042	7/6/23	8/4/23 0:00	PACE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY Onondaga | Sample Description: | Work Order: 23G0821

Date Received: 7/7/2023

Field Sample #: MW 4I | Sampled: 7/6/2023 12:25

Sample ID: 23G0821-06

Sample Matrix: Ground Water

Miscellaneous Test

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
See Attached Sub Contract Report	See Attache		N/A	1		ENV-SOP-BTRO-0042	7/6/23	8/4/23 0:00	PACE

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

23G0821

MH

ALL SHADED AREAS are for LAB USE ONLY

Company: GEI Consultants Inc	Billing Information:
Address: 1301 Trumbull Ave Suite #N	
Report To: Wendy Moore	Email To: wmoore@geiconsultants.com
Copy To:	Site Collection Info/Address: Uniist Liverpool
Customer Project Name/Number: Uniist Liverpool	State: NY County/City: Onondaga Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 607-216-8966 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Kiran Kolarkar	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: Standard [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [X] No Analysis:

Container Preservative Type **: 0

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other RAK

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Volatile Fatty Acids
1	MW1	GW	G	7/6/23	15:25				2	X
2	MW2			7/6/23	09:45				2	X
3	MW3S			7/6/23	12:05				2	X
4	MW3I			7/6/23	09:55				2	X
5	MW4S			7/6/23	14:55				2	X
6	MW4T			7/6/23	12:35				2	X

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

4.0°C 7-7-23 0911

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2927209

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: oC
Comments:

Trip Blank Received: Y N NA
HCl MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

	Date/Time:		Date/Time:
Relinquished by/Company: (Signature)	6/7/23 17:30	Received by/Company: (Signature) Secured Storage	6/6/23 17:30
Relinquished by/Company: (Signature) Secured Storage	6/6/23 1900	Received by/Company: (Signature)	6/6/23 1900
Relinquished by/Company: (Signature)	6/7/23 0915	Received by/Company: (Signature)	6/7/23 0650

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Table of Contents

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F:413-525-6405
www.pacelabs.com

ENV-FRM-ELON-0001 V05__Sample Receiving Checklist

Log In Back-Sheet

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

Pace
PEOPLE ADVANCING SCIENCE

Client GEI Consultants Inc
Project Uniforst Liverpool
MCP/RCP Required N/A
Deliverable Package Requirement N/A
Location NY Onondaga
PWSID# (When Applicable) N/A
Arrival Method:
Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐
Received By / Date / Time AAM/7-7-23/0916
Back-Sheet By / Date / Time AAM/7-7-23/1127
Temperature Method Temp. Gun # 5
Temp ☑ < 6° C Actual Temperature 4.0°C
Rush Samples: Yes / (No) Notify
Short Hold: Yes / (No) Notify

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑
Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Notes regarding Samples/COC outside of SOP:

Additional Container Notes

Sample	Soils Jars (Circle Amb/Clear)				Ambers						Plastics										VOA Vials						Other / Fill in				
					1 Liter		250mL			100mL	1 Liter		500mL		250mL																
	16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	Unpreserved	HCL	Sulfuric	Sulfuric	Phosphoric	HCl	Unpreserved	Unpreserved	Sulfuric	Unpreserved	Sulfuric	Unpreserved	Trizma	Sulfuric	Nitric	NaOH	NaOH/Zinc	Unpreserved	HCl	MeOH	D.I. Water	Bisulfate	Col/Bact	Bacteria Chlorine Vial			
1																												2			
2																															
3																															
4																															
5																															
6																												1			
7																															
8																															
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17																															
18																															
19																															
20																															

Pace A
7979 Innovation Park Road
Baton Rouge, LA 70809
(225) 678-1833

August 18, 2023

Theresa Ferrentino
Pace Analytical
39 Spruce Street
East Longmeadow, MA 01028

RE: Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Dear Theresa Ferrentino:

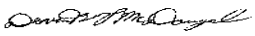
Enclosed are the analytical results for sample(s) received by the laboratory on August 01, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Baton Rouge

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Devin McDougal
devin.mcdougal@pacelabs.com
(225) 678-1833
Project Manager

Enclosures

cc: Accounts Payable, Pace New England

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7979 Innovation Park Road
Baton Rouge, LA 70809
(225) 678-1833

CERTIFICATIONS

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Pace Analytical Services Baton Rouge
7979 Innovation Park Drive Ste A, Baton Rouge, LA 70820-7402
Louisiana Dept of Enviromental Quality (NELAC/LELAP): 01979
Florida Dept of Health (NELAC/FELAP): E87854
DoD ELAP (A2LA) #: 6429.01
Alabama DEM #: 41900
Alaska DEC-DW #: LA00024
Alaska DEC CS-LAP #: 21-001
Arkansas DEQ #: 88-0655
California ELAP #: 3063
Georgia DPD #: C050
Hawaii DOH State Laboratories Division
Illinois EPA #: 200048
Kansas DoHE #: E-10354
Kentucky DEP UST Branch #: 123054
Louisiana DOH #: LA036
Minnesota DOH #: 2233799
Mississippi State Dept of Health
Montana Department of Environmental Quality
Nebraska DHHS #: NE-OS-35.21
Nevada DCNR DEP #: LA00024
New York DOH #: 12149
North Carolina DEQ - WW & GW #: 618
North Dakota DEQ #: R195
Ohio EPA #: 87782
Oklahoma Dept of Environmental Quality #: 9403
Oregon ELAP #: 4168
Pennsylvania Dept of Environmental Protection #: 68-05973
South Carolina DHEC #: 73006001
Texas CEQ #: T104704178-23-15
Utah DOH #: LA00024
Virginia DCLS #: 6460215
Washington Dept of Ecology #: C929
Wisconsin DNR #: 399139510

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7979 Innovation Park Road
Baton Rouge, LA 70809
(225) 678-1833

SAMPLE SUMMARY

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Lab ID	Sample ID	Matrix	Date Collected	Date Received
20284197001	**23G0821-01 MW1**	Water	07/06/23 15:25	08/01/23 09:49
20284197002	**23G0821-02 MW2**	Water	07/06/23 09:45	08/01/23 09:49
20284197003	**23G0821-03 MW 3S**	Water	07/06/23 12:05	08/01/23 09:49
20284197004	**23G0821-04 MW 3I**	Water	07/06/23 09:55	08/01/23 09:49
20284197005	**23G0821-05 MW 4S**	Water	07/06/23 14:55	08/01/23 09:49
20284197006	**23G0821-06 MW 4I**	Water	07/06/23 12:25	08/01/23 09:49

REPORT OF LABORATORY ANALYSIS

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Pace A
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Baton Rouge, LA 70809
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SAMPLE ANALYTE COUNT

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Lab ID	Sample ID	Method	Analysts	Analytes Reported
20284197001	**23G0821-01 MW1**	Pace ENV-SOP-BTRO-0042	LHM	10
20284197002	**23G0821-02 MW2**	Pace ENV-SOP-BTRO-0042	LHM	10
20284197003	**23G0821-03 MW 3S**	Pace ENV-SOP-BTRO-0042	LHM	10
20284197004	**23G0821-04 MW 3I**	Pace ENV-SOP-BTRO-0042	LHM	10
20284197005	**23G0821-05 MW 4S**	Pace ENV-SOP-BTRO-0042	LHM	10
20284197006	**23G0821-06 MW 4I**	Pace ENV-SOP-BTRO-0042	LHM	10

PASI-BR = Pace Analytical Services - Baton Rouge

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Pace A
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(225) 678-1833

PROJECT NARRATIVE

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Method: **Pace ENV-SOP-BTRO-0042**
Description: BRAM23G Low Level VFA
Client: PACE NEW ENGLAND
Date: August 18, 2023

General Information:
6 samples were analyzed for Pace ENV-SOP-BTRO-0042 by Pace Analytical Services Baton Rouge. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.
- 23G0821-01 MW1 (Lab ID: 20284197001)
- 23G0821-02 MW2 (Lab ID: 20284197002)
- 23G0821-03 MW 3S (Lab ID: 20284197003)
- 23G0821-04 MW 3I (Lab ID: 20284197004)
- 23G0821-05 MW 4S (Lab ID: 20284197005)
- 23G0821-06 MW 4I (Lab ID: 20284197006)

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 292965

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
- LCS (Lab ID: 1404197)
  - Hexanoic Acid

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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Baton Rouge, LA 70809
(225) 678-1833

PROJECT NARRATIVE

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Method: **Pace ENV-SOP-BTRO-0042**
Description: BRAM23G Low Level VFA
Client: PACE NEW ENGLAND
Date: August 18, 2023

Analyte Comments:

QC Batch: 292965

N2: The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

- 23G0821-01 MW1 (Lab ID: 20284197001)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- 23G0821-02 MW2 (Lab ID: 20284197002)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- 23G0821-03 MW 3S (Lab ID: 20284197003)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- 23G0821-04 MW 3I (Lab ID: 20284197004)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- 23G0821-05 MW 4S (Lab ID: 20284197005)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- 23G0821-06 MW 4I (Lab ID: 20284197006)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- BLANK (Lab ID: 1404196)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- LCS (Lab ID: 1404197)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MS (Lab ID: 1404200)
  - Hexanoic Acid

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Pace A
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Baton Rouge, LA 70809
(225) 678-1833

PROJECT NARRATIVE

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Method: **Pace ENV-SOP-BTRO-0042**
Description: BRAM23G Low Level VFA
Client: PACE NEW ENGLAND
Date: August 18, 2023

Analyte Comments:

QC Batch: 292965

N2: The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

- MS (Lab ID: 1404200)
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid
- MSD (Lab ID: 1404201)
  - Hexanoic Acid
  - i-Hexanoic Acid
  - i-Pentanoic Acid
  - Pentanoic Acid

This data package has been reviewed for quality and completeness and is approved for release.

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Pace A
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Baton Rouge, LA 70809
(225) 678-1833

ANALYTICAL RESULTS

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Sample: 23G0821-01 MW1 **Lab ID: 20284197001** Collected: 07/06/23 15:25 Received: 08/01/23 09:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BRAM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 12:44	109-52-4	H3,N2
Acetic Acid	ND	mg/L	0.50	1		08/04/23 12:44	64-19-7	H3
Butyric Acid	ND	mg/L	0.50	1		08/04/23 12:44	107-92-6	H3
Formic acid	ND	mg/L	0.50	1		08/04/23 12:44	64-18-6	H3
Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 12:44	142-62-1	H3,L2, N2
i-Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 12:44	646-07-1	H3,N2
Lactic Acid	**3.1**	mg/L	0.50	1		08/04/23 12:44	50-21-5	H3
i-Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 12:44	503-74-2	H3,N2
Propionic Acid	ND	mg/L	0.50	1		08/04/23 12:44	79-09-4	H3
Pyruvic Acid	ND	mg/L	0.50	1		08/04/23 12:44	127-17-3	H3

Sample: 23G0821-02 MW2 **Lab ID: 20284197002** Collected: 07/06/23 09:45 Received: 08/01/23 09:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BRAM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 13:09	109-52-4	H3,N2
Acetic Acid	ND	mg/L	0.50	1		08/04/23 13:09	64-19-7	H3
Butyric Acid	ND	mg/L	0.50	1		08/04/23 13:09	107-92-6	H3
Formic acid	ND	mg/L	0.50	1		08/04/23 13:09	64-18-6	H3
Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 13:09	142-62-1	H3,L2, N2
i-Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 13:09	646-07-1	H3,N2
Lactic Acid	**0.72**	mg/L	0.50	1		08/04/23 13:09	50-21-5	H3
i-Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 13:09	503-74-2	H3,N2
Propionic Acid	ND	mg/L	0.50	1		08/04/23 13:09	79-09-4	H3
Pyruvic Acid	ND	mg/L	0.50	1		08/04/23 13:09	127-17-3	H3

Sample: 23G0821-03 MW 3S **Lab ID: 20284197003** Collected: 07/06/23 12:05 Received: 08/01/23 09:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BRAM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	50.0	100		08/04/23 14:22	109-52-4	H3,N2
Acetic Acid	**257**	mg/L	50.0	100		08/04/23 14:22	64-19-7	H3
Butyric Acid	ND	mg/L	50.0	100		08/04/23 14:22	107-92-6	H3
Formic acid	ND	mg/L	50.0	100		08/04/23 14:22	64-18-6	H3
Hexanoic Acid	ND	mg/L	50.0	100		08/04/23 14:22	142-62-1	H3,L2, N2
i-Hexanoic Acid	ND	mg/L	50.0	100		08/04/23 14:22	646-07-1	H3,N2
Lactic Acid	ND	mg/L	50.0	100		08/04/23 14:22	50-21-5	H3

REPORT OF LABORATORY ANALYSIS

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Pace A
7979 Innovation Park Road
Baton Rouge, LA 70809
(225) 678-1833

ANALYTICAL RESULTS

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Sample: 23G0821-03 MW 3S **Lab ID: 20284197003** Collected: 07/06/23 12:05 Received: 08/01/23 09:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BRAM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
i-Pentanoic Acid	ND	mg/L	50.0	100		08/04/23 14:22	503-74-2	H3,N2
Propionic Acid	**641**	mg/L	50.0	100		08/04/23 14:22	79-09-4	H3
Pyruvic Acid	ND	mg/L	50.0	100		08/04/23 14:22	127-17-3	H3

Sample: 23G0821-04 MW 3I **Lab ID: 20284197004** Collected: 07/06/23 09:55 Received: 08/01/23 09:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BRAM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 14:47	109-52-4	H3,N2
Acetic Acid	**2.3**	mg/L	0.50	1		08/04/23 14:47	64-19-7	H3
Butyric Acid	ND	mg/L	0.50	1		08/04/23 14:47	107-92-6	H3
Formic acid	ND	mg/L	0.50	1		08/04/23 14:47	64-18-6	H3
Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 14:47	142-62-1	H3,L2, N2
i-Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 14:47	646-07-1	H3,N2
Lactic Acid	**0.67**	mg/L	0.50	1		08/04/23 14:47	50-21-5	H3
i-Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 14:47	503-74-2	H3,N2
Propionic Acid	ND	mg/L	0.50	1		08/04/23 14:47	79-09-4	H3
Pyruvic Acid	ND	mg/L	0.50	1		08/04/23 14:47	127-17-3	H3

Sample: 23G0821-05 MW 4S **Lab ID: 20284197005** Collected: 07/06/23 14:55 Received: 08/01/23 09:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BRAM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 15:11	109-52-4	H3,N2
Acetic Acid	ND	mg/L	0.50	1		08/04/23 15:11	64-19-7	H3
Butyric Acid	ND	mg/L	0.50	1		08/04/23 15:11	107-92-6	H3
Formic acid	ND	mg/L	0.50	1		08/04/23 15:11	64-18-6	H3
Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 15:11	142-62-1	H3,L2, N2
i-Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 15:11	646-07-1	H3,N2
Lactic Acid	**0.71**	mg/L	0.50	1		08/04/23 15:11	50-21-5	H3
i-Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 15:11	503-74-2	H3,N2
Propionic Acid	ND	mg/L	0.50	1		08/04/23 15:11	79-09-4	H3
Pyruvic Acid	ND	mg/L	0.50	1		08/04/23 15:11	127-17-3	H3

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Baton Rouge, LA 70809
(225) 678-1833

ANALYTICAL RESULTS

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Sample: 23G0821-06 MW 4I **Lab ID: 20284197006** Collected: 07/06/23 12:25 Received: 08/01/23 09:49 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
BRAM23G Low Level VFA	Analytical Method: Pace ENV-SOP-BTRO-0042 Pace Analytical Services - Baton Rouge							
Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 15:36	109-52-4	H3,N2
Acetic Acid	**0.94**	mg/L	0.50	1		08/04/23 15:36	64-19-7	H3
Butyric Acid	ND	mg/L	0.50	1		08/04/23 15:36	107-92-6	H3
Formic acid	ND	mg/L	0.50	1		08/04/23 15:36	64-18-6	H3
Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 15:36	142-62-1	H3,L2, N2
i-Hexanoic Acid	ND	mg/L	0.50	1		08/04/23 15:36	646-07-1	H3,N2
Lactic Acid	**0.71**	mg/L	0.50	1		08/04/23 15:36	50-21-5	H3
i-Pentanoic Acid	ND	mg/L	0.50	1		08/04/23 15:36	503-74-2	H3,N2
Propionic Acid	**1.3**	mg/L	0.50	1		08/04/23 15:36	79-09-4	H3
Pyruvic Acid	ND	mg/L	0.50	1		08/04/23 15:36	127-17-3	H3

REPORT OF LABORATORY ANALYSIS

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Baton Rouge, LA 70809
(225) 678-1833

QUALITY CONTROL DATA

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

QC Batch: 292965 | Analysis Method: Pace ENV-SOP-BTRO-0042
QC Batch Method: Pace ENV-SOP-BTRO-0042 | Analysis Description: BRAM23G Low Level VFA
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 20284197001, 20284197002, 20284197003, 20284197004, 20284197005, 20284197006

METHOD BLANK: 1404196 Matrix: Water
Associated Lab Samples: 20284197001, 20284197002, 20284197003, 20284197004, 20284197005, 20284197006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetic Acid	mg/L	ND	0.50	08/04/23 11:55	
Butyric Acid	mg/L	ND	0.50	08/04/23 11:55	
Formic acid	mg/L	ND	0.50	08/04/23 11:55	
Hexanoic Acid	mg/L	ND	0.50	08/04/23 11:55	N2
i-Hexanoic Acid	mg/L	ND	0.50	08/04/23 11:55	N2
i-Pentanoic Acid	mg/L	ND	0.50	08/04/23 11:55	N2
Lactic Acid	mg/L	ND	0.50	08/04/23 11:55	
Pentanoic Acid	mg/L	ND	0.50	08/04/23 11:55	N2
Propionic Acid	mg/L	ND	0.50	08/04/23 11:55	
Pyruvic Acid	mg/L	ND	0.50	08/04/23 11:55	

LABORATORY CONTROL SAMPLE: 1404197

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acetic Acid	mg/L	2	2.0	100	70-130	
Butyric Acid	mg/L	2	1.9	94	70-130	
Formic acid	mg/L	2	2.0	99	70-130	
Hexanoic Acid	mg/L	2	1.1	53	70-130	L2,N2
i-Hexanoic Acid	mg/L	2	1.4	70	70-130	N2
i-Pentanoic Acid	mg/L	2	1.8	89	70-130	N2
Lactic Acid	mg/L	2	1.9	94	70-130	
Pentanoic Acid	mg/L	2	1.6	78	70-130	N2
Propionic Acid	mg/L	2	2.0	100	70-130	
Pyruvic Acid	mg/L	2	2.0	100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1404200 1404201

Parameter	Units	20284197002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Acetic Acid	mg/L	ND	2	2	2.1	2.1	101	100	70-130	1	20	H3
Butyric Acid	mg/L	ND	2	2	2.2	2.1	108	106	70-130	3	20	H3
Formic acid	mg/L	ND	2	2	2.1	2.0	100	99	70-130	2	20	H3
Hexanoic Acid	mg/L	ND	2	2	2.1	2.1	105	102	70-130	2	20	H3,N2
i-Hexanoic Acid	mg/L	ND	2	2	2.4	2.3	120	117	70-130	3	20	H3,N2
i-Pentanoic Acid	mg/L	ND	2	2	2.1	2.0	106	102	70-130	4	20	H3,N2
Lactic Acid	mg/L	0.72	2	2	2.6	2.5	96	91	70-130	4	20	H3
Pentanoic Acid	mg/L	ND	2	2	2.1	2.1	104	103	70-130	1	20	H3,N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Baton Rouge, LA 70809
(225) 678-1833

QUALITY CONTROL DATA

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1404200 1404201

Parameter	Units	20284197002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Propionic Acid	mg/L	ND	2	2	2.1	2.1	106	103	70-130	2	20	H3
Pyruvic Acid	mg/L	ND	2	2	2.0	2.0	101	98	70-130	2	20	H3

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Baton Rouge, LA 70809
(225) 678-1833

QUALIFIERS

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The Nelac Institute

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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Baton Rouge, LA 70809
(225) 678-1833

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 23G0821 M Hernandez
Pace Project No.: 20284197

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
20284197001	**23G0821-01 MW1**	Pace ENV-SOP-BTRO-0042	292965		
20284197002	**23G0821-02 MW2**	Pace ENV-SOP-BTRO-0042	292965		
20284197003	**23G0821-03 MW 3S**	Pace ENV-SOP-BTRO-0042	292965		
20284197004	**23G0821-04 MW 3I**	Pace ENV-SOP-BTRO-0042	292965		
20284197005	**23G0821-05 MW 4S**	Pace ENV-SOP-BTRO-0042	292965		
20284197006	**23G0821-06 MW 4I**	Pace ENV-SOP-BTRO-0042	292965		

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SUBCONTRACT CHAIN OF CUSTODY

Pace New England

23G0821

WO# : 20284197

SENDING LABORATORY:

Pace New England
39 Spruce Street
East Longmeadow, MA 01028
Phone: 413.525.2332
Fax: 413.525.6405
Project Manager: Mary Hernandez

RECEIVING LABORATORY:

Pace Analytical Laboratory - LA
7979 Innovaton Park Drive
Baton Rouge, LA 70820
Phone :-
Fax: -

Analysis	Sample Name	Due	Expires	Comments
Sample ID: 23G0821-01	MW 1	**Water** **Sampled:**	**07/06/23 15:25**	1
S-Miscellaneous 1		07/18/23 17:00	07/20/23 15:25	
Containers Supplied:				
VOA vial (A)	VOA vial (B)			
Sample ID: 23G0821-02	MW 2	**Water** **Sampled:**	**07/06/23 09:45**	2
S-Miscellaneous 1		07/18/23 17:00	07/20/23 09:45	
Containers Supplied:				
VOA vial (A)	VOA vial (B)			
Sample ID: 23G0821-03	MW 3S	**Water** **Sampled:**	**07/06/23 12:05**	3
S-Miscellaneous 1		07/18/23 17:00	07/20/23 12:05	
Containers Supplied:				
VOA vial (A)	VOA vial (B)			
Sample ID: 23G0821-04	MW 3I	**Water** **Sampled:**	**07/06/23 09:55**	4
S-Miscellaneous 1		07/18/23 17:00	07/20/23 09:55	
Containers Supplied:				
VOA vial (A)	VOA vial (B)			
Sample ID: 23G0821-05	MW 4S	**Water** **Sampled:**	**07/06/23 14:55**	5
S-Miscellaneous 1		07/18/23 17:00	07/20/23 14:55	
Containers Supplied:				
VOA vial (A)	VOA vial (B)			
Sample ID: 23G0821-06	MW 4I	**Water** **Sampled:**	**07/06/23 12:25**	6
S-Miscellaneous 1		07/18/23 17:00	07/20/23 12:25	
Containers Supplied:				
VOA vial (A)	VOA vial (B)			

Released By	Date	Received By	Date
	7-31-23 17:00		
FedEx	8/1/23 949		8/1/23 949
Released By	Date	Received By	Date

WO#: 20284197

PM: KAN Due Date: 08/15/23

CLIENT: BR-PACE NENG

Pace

Sample Condition Upon Reciept (SCUR)

Workorder #: _____

7979 Innovation Park Dr. Baton Rouge, LA 70806

Cooler Inspected by/date: _____ / _____

Means of receipt: ☐ Pace ☐ Client ☐ UPS ☑ FedEx ☐ Other: _____

☐ Yes	☑ No		Were custody seals present on the cooler?
☐ Yes	☐ No	☑ NA	If custody seals were present, were they intact and unbroken?

Method: ☐ Temperature Blank ☑ Against Bottles IR Gun ID: 803 IR Gun Correction Factor: 0.0 °C

Cooler #1	Cooler Temp °C: 1.1	(Actual/True)	Samples on ice ☑ Yes ☐ No
Cooler #2	Cooler Temp °C: _____	(Actual/True)	pH Strip Lot #
Cooler #3	Cooler Temp °C: _____	(Actual/True)	Method of coolant: ☑ Wet ☐ Ice Packs ☐ Dry Ice ☐ None
Cooler #4	Cooler Temp °C: _____	(Actual/True)	

Tracking #: 7729 0247 3388

☑ Yes	☐ No	☐ NA	Is a temperature blank present?	
☑ Yes	☐ No	☐ NA	Was a chain of custody (COC) recieved?	
☐ Yes	☑ No	☐ NA	Was the line and profile number listed on the COC?	
☑ Yes	☐ No	☐ NA	Were all coolers received at or below 6.0°C? If no, notify Project Manager notified via email.	
☑ Yes	☐ No		Were proper custody procedures (relinquished/received) followed?	
☐ Yes	☑ No	☐ NA	Is the sampler name and signature on the COC?	
☑ Yes	☐ No		Were sample IDs listed on the COC and all sample containers?	
☑ Yes	☐ No		Was collection date & time listed on the COC and all sample containers?	
☑ Yes	☐ No		Did all container label information (ID, date, time) agree with the COC?	
☑ Yes	☐ No		Were tests to be performed listed on the COC?	
☑ Yes	☐ No		Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?	
☑ Yes	☐ No		Was adequate sample volume available?	
☑ Yes	☐ No		Were all samples received within ¾ the holding time or 48 hours, whichever comes first?	
☑ Yes	☐ No		Were all samples containers accounted for? (No missing / excess)	
☑ Yes	☐ No	☐ NA	Were VOA, 801SC (GRO/VPH), and RSK-175 samples free of bubbles > "pea size" (1/4" or 6mm in diameter) in any of the VOA vials?	
☐ Yes	☐ No	☑ NA	Trip blank present?	
☐ Yes	☐ No	☑ NA	Filtered volume received for dissolved tests? *If no, list affected sample(s) in comments below.*	
☐ Yes	☐ No	☑ NA	Were all metals/nutrient samples received at a pH of < 2?	If No, was preservative added? ☐ Yes ☐ No If added, record lots. Dispenser/pipette lot #: _____
☐ Yes	☐ No	☑ NA	Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?	HNO_3 _____ H_2SO_4 _____ NaOH _____ Date: _____ Time: _____

Comments:

Pace Analytical

Ship to :
Pace Analytical- LA
7979 Innovaton Park Dr
Baton Rouge, LA 70820

Phone (225) 769-4900

INTER_LABORATORY WORK ORDER # 23G0821

(To be complete by sending lab)

Sending Project No:	22J1049
Receiving Project No:	
Check Box for Consolidated Invoice:	
Date Prepared:	7/31/2023
REQUESTED COMPLETION DATE:	7/18/2023

Sending Region	IR-57 East Longmeadow	Sending Project Mgr.	Mary Hernandez
Receiving Region	IR- Baton Rouge	External Client	GEI Consultants
State of Sample Origin	NY	QC Deliverable	**STD Report**

All questions should be addressed to sending project manager.

Requested Reportable Units _____ Report Wet or Dry Weight? _____ Cert Needed: _____

WORK REQUESTED						
Method Description	**Container Type**	**Quantity of containers**	**Preservative**	**Quantity of Samples**	**Unit Price**	**Amount**
Miscellaneous	VOA Vial	12		6	SEE PM	SEE PM
					Total	SEE PM

Special Requirements: _____

Receiving Region Department	**Accng. Code**	**Totals from above**	**Revenue Allocation**	
			Receiving Region (90%)	Client Services Dept. Sending Region (10%)
Baton Rouge				
* Custom Revenue Allocation		TOTAL		

FOR ANALYTICAL WORK COMPLETED THIS SECTION ALSO

Chain of Custody included: [x] Yes [ ] No Return Samples to Sending Reguion: [ ] Yes [x] No

Matrix: [ ] Soil [x] Water [ ] Air [ ] Other (identity) _____

CONFIRMATION OF WORK COMPLETED

Date Completed: _____ Receiving Project Manager: _____

Original sent to the receiving lab - Copy kept at the sending lab.

When work completed: Original sent to the ABM at the receiving laboratory. Copies are made to corporate as needed.

Shipping Cost $

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 23G-0821 MH

ALL SHADED AREAS are for LAB USE ONLY

Company: GEI Consultants Inc	Billing Information:
Address: 301 Trumbull Rd Suite H N	
Report To: Wendy Moore	Email To: wmoore@geiconsultants.com
Copy To:	Site Collection Info/Address: 1 Christ Liverpool
Customer Project Name/Number: Christ Liverpool	State: NY County/City: Onondaga Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 607-216-5766 Email:	Site/Facility ID #:
Collected By (print): Scott Mallory	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required:
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: Standard [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [X] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [X] No

Analysis:

Container Preservative Type **: 0

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other RAK

Analyses: VOCs 8260 Full List, Acids

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

	Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns
1	MW1	GW	G	7/6/23	15:25				2
2	MW2			7/6/23	09:45				2
3	MW3S			7/6/23	12:05				2
4	MW3I			7/6/23	09:55				2
5	MW4S			7/6/23	14:55				2
6	MW4T			7/6/23	12:15				2

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY: Lab Sample # / Comments:

4.0°C 7-7-23 0910

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2927209

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#:

Cooler 1 Temp Upon Receipt: ____oC

Cooler 1 Therm Corr. Factor: ____oC

Cooler 1 Corrected Temp: ____oC

Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: Page 18 of 18 of:

Relinquished by/Company: (Signature)	Date/Time: 6/7/23 17:30	Received by/Company: (Signature) Secured Storage	Date/Time: 6/6/23 17:30
Relinquished by/Company: (Signature) Secured Storage	Date/Time: 6/6/23 1900	Received by/Company: (Signature)	Date/Time: 6/6/23 1900
Relinquished by/Company: (Signature)	Date/Time: 6/7/23 0910	Received by/Company: (Signature)	Date/Time: 6/7/23 0650

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

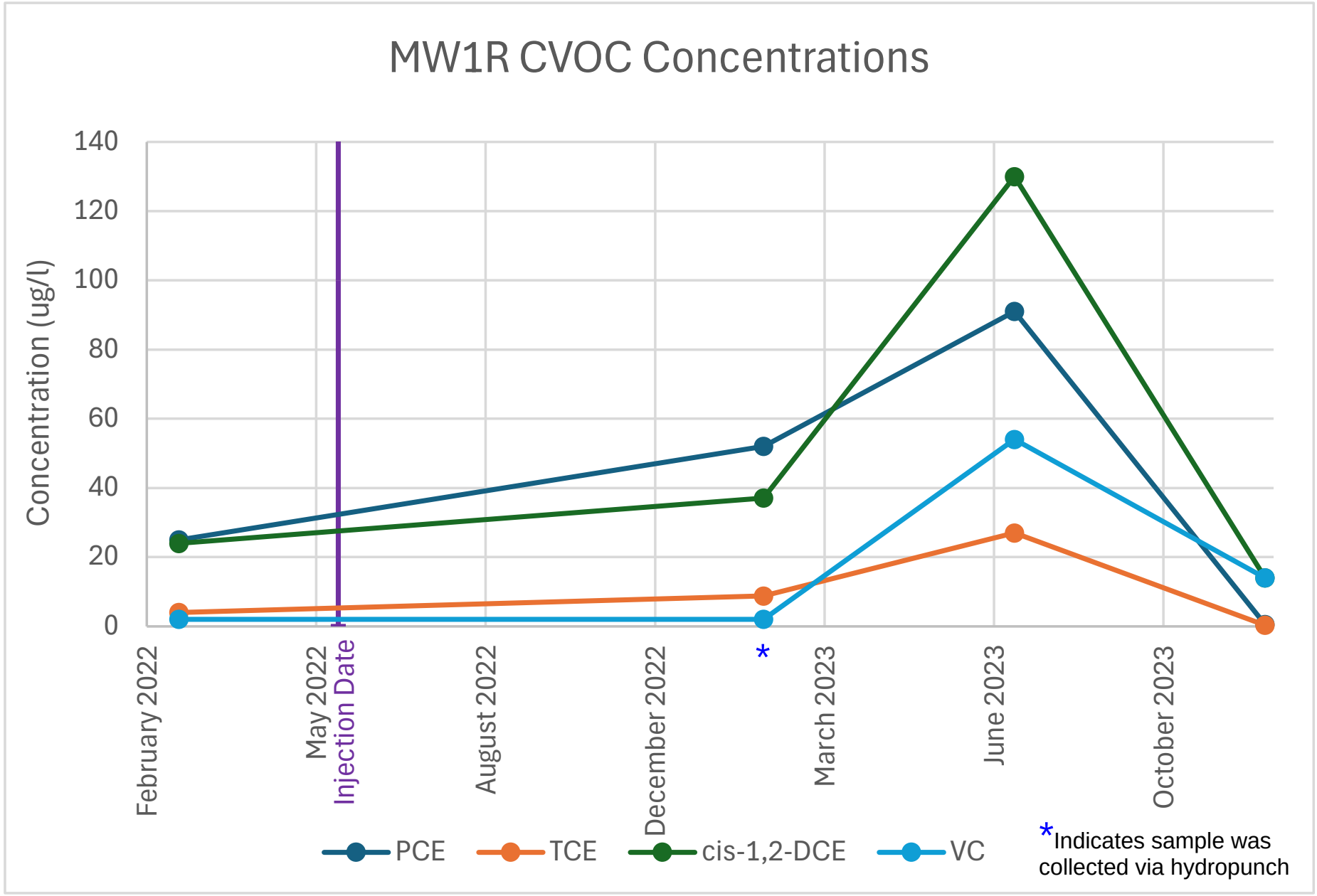
Prelogin:

PM:

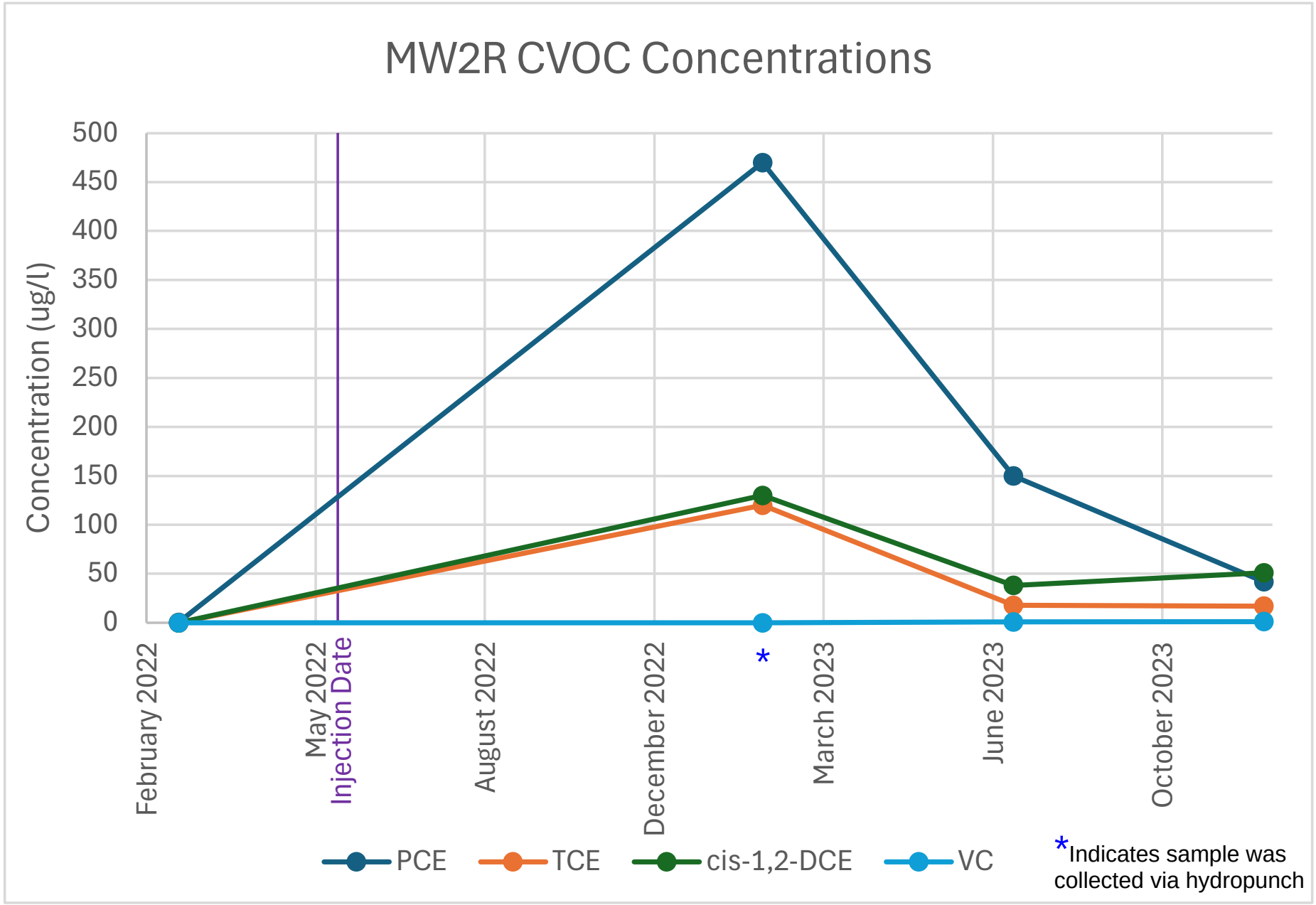
PB:

Appendix L Groundwater Concentration Trend Charts

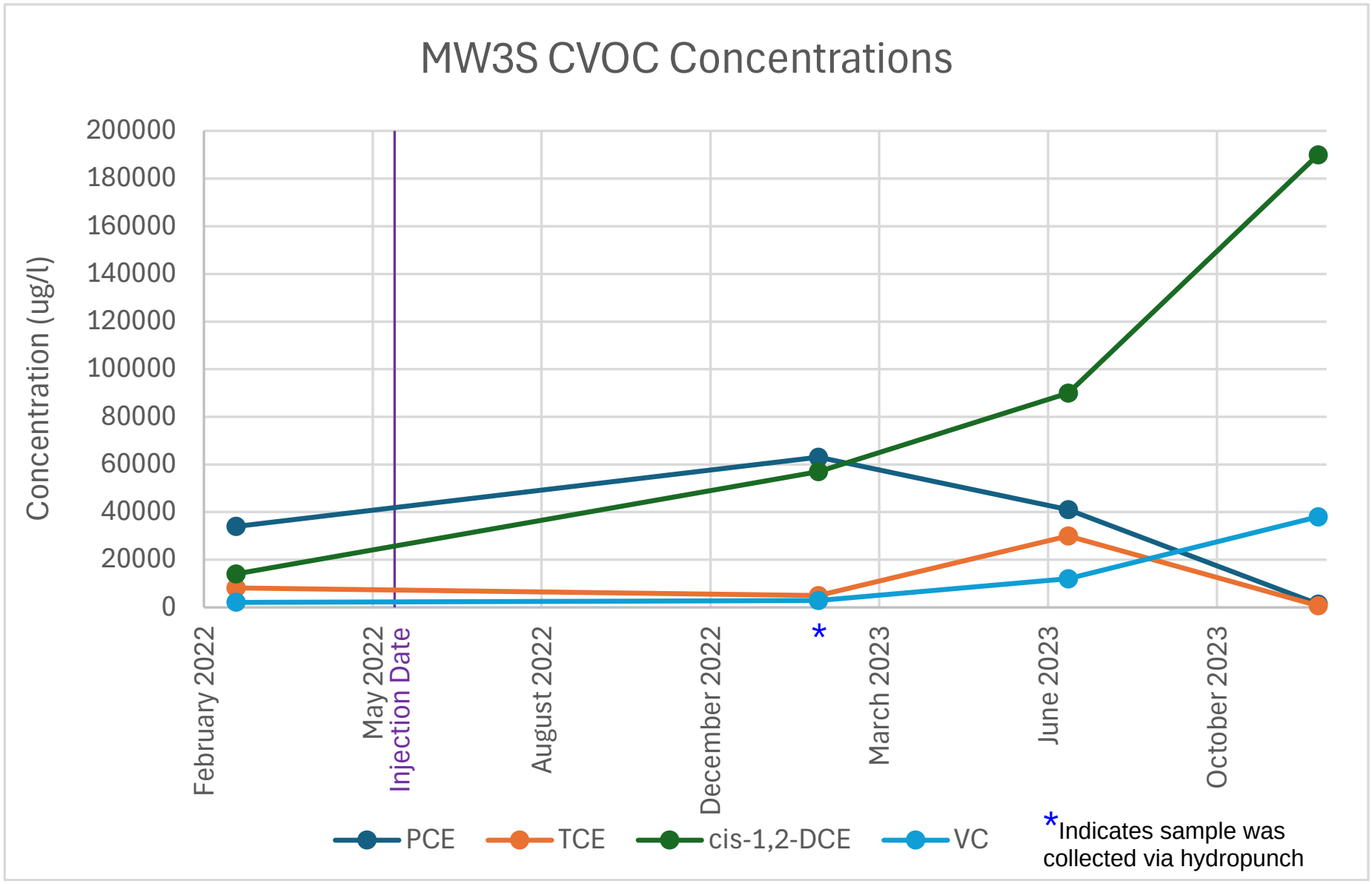
UniFirst Liverpool Post-Injection Groundwater Results
GEI Project No.: 2001642
Client: UniFirst Corporation



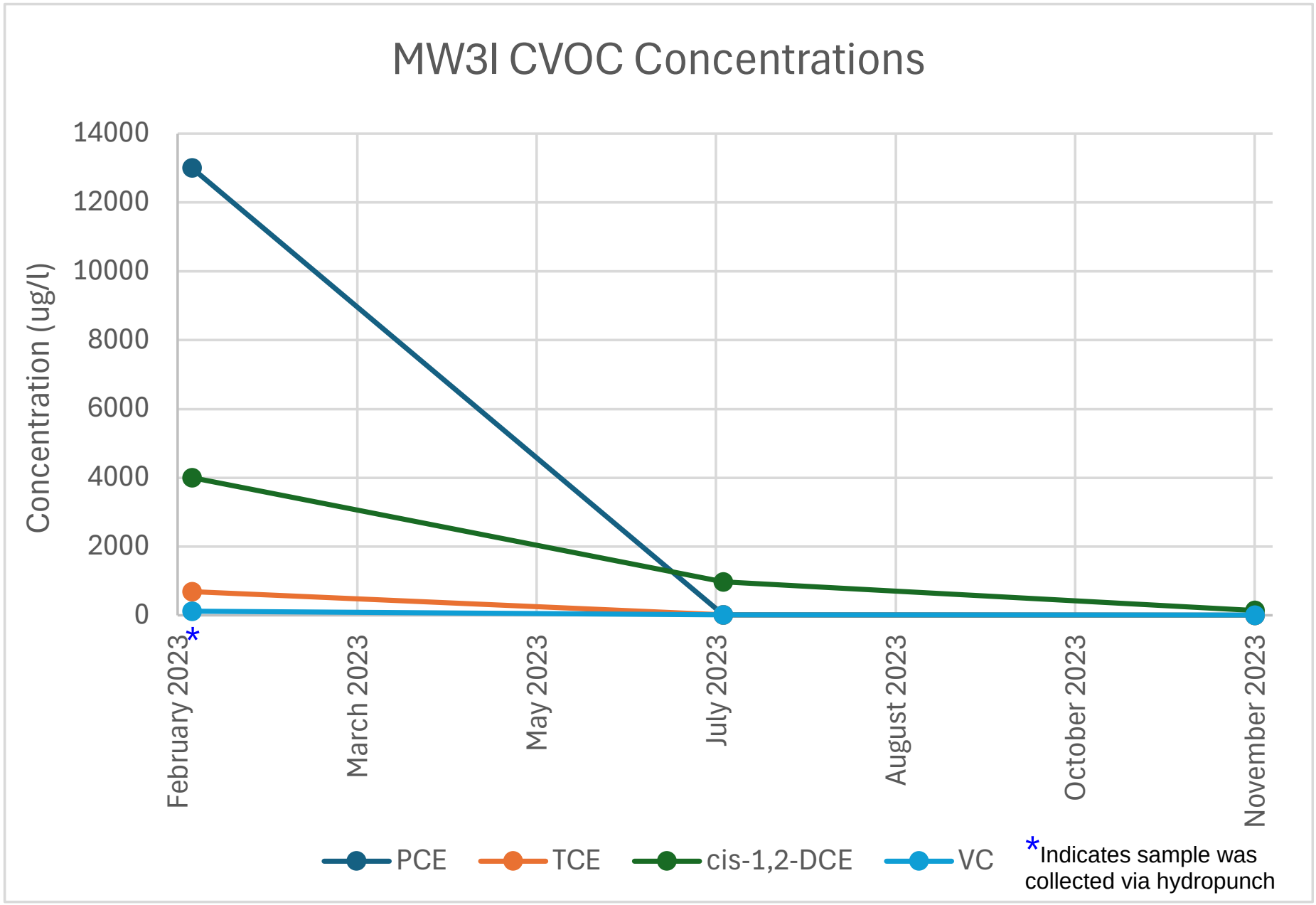
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GEI Project No.: 2001642
Client: UniFirst Corporation



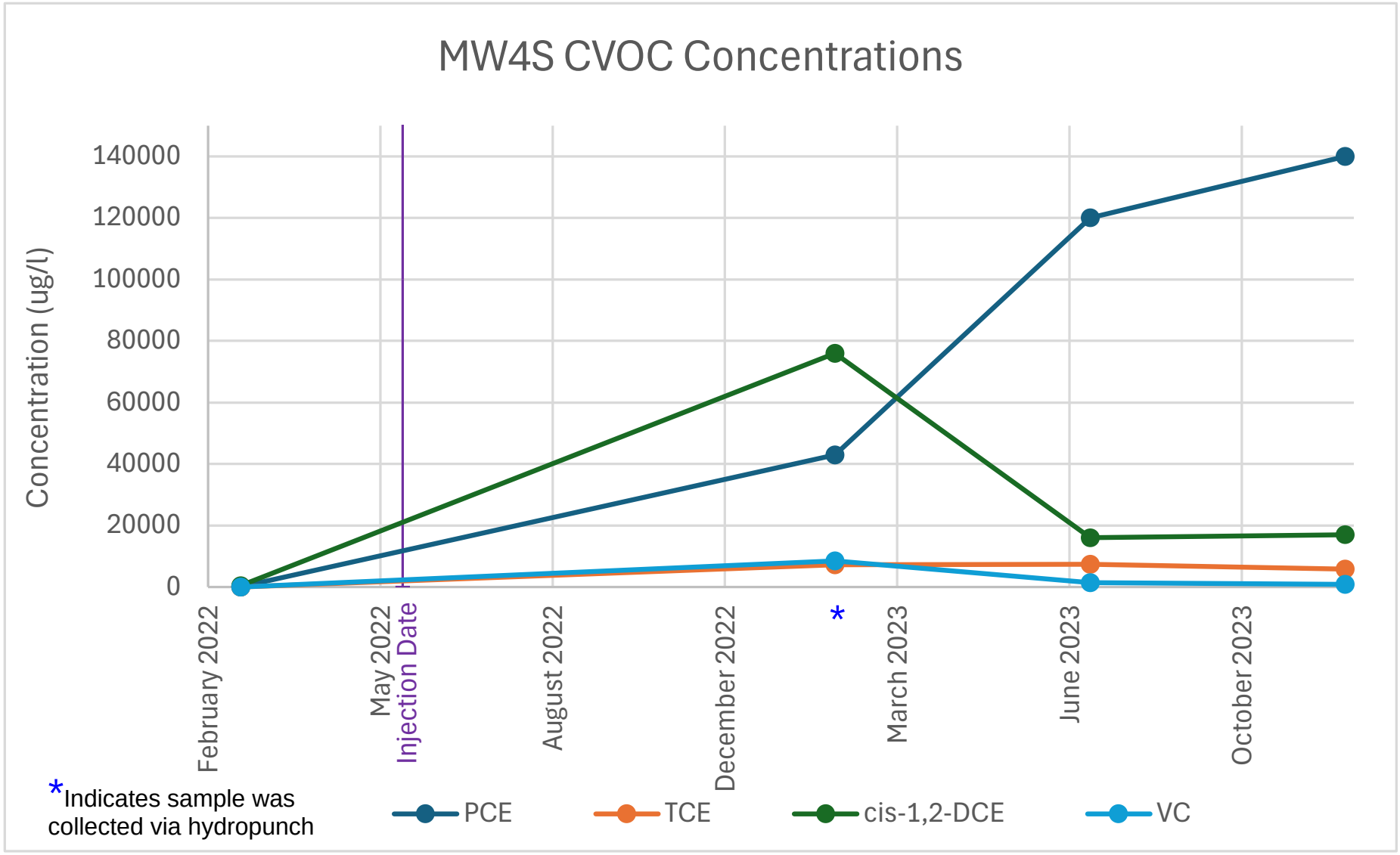
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GEI Project No.: 2001642
Client: UniFirst Corporation



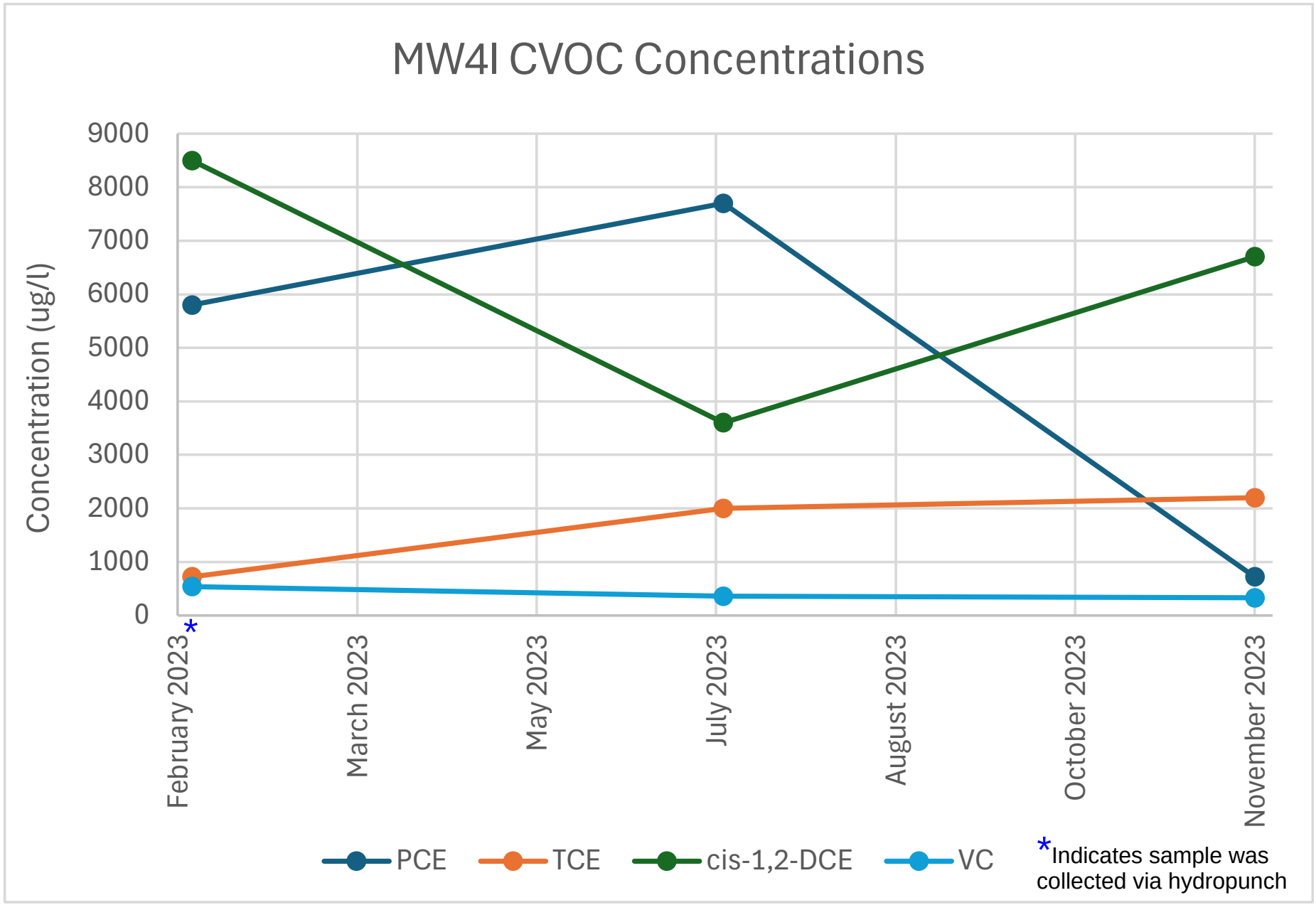
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GEI Project No.: 2001642
Client: UniFirst Corporation



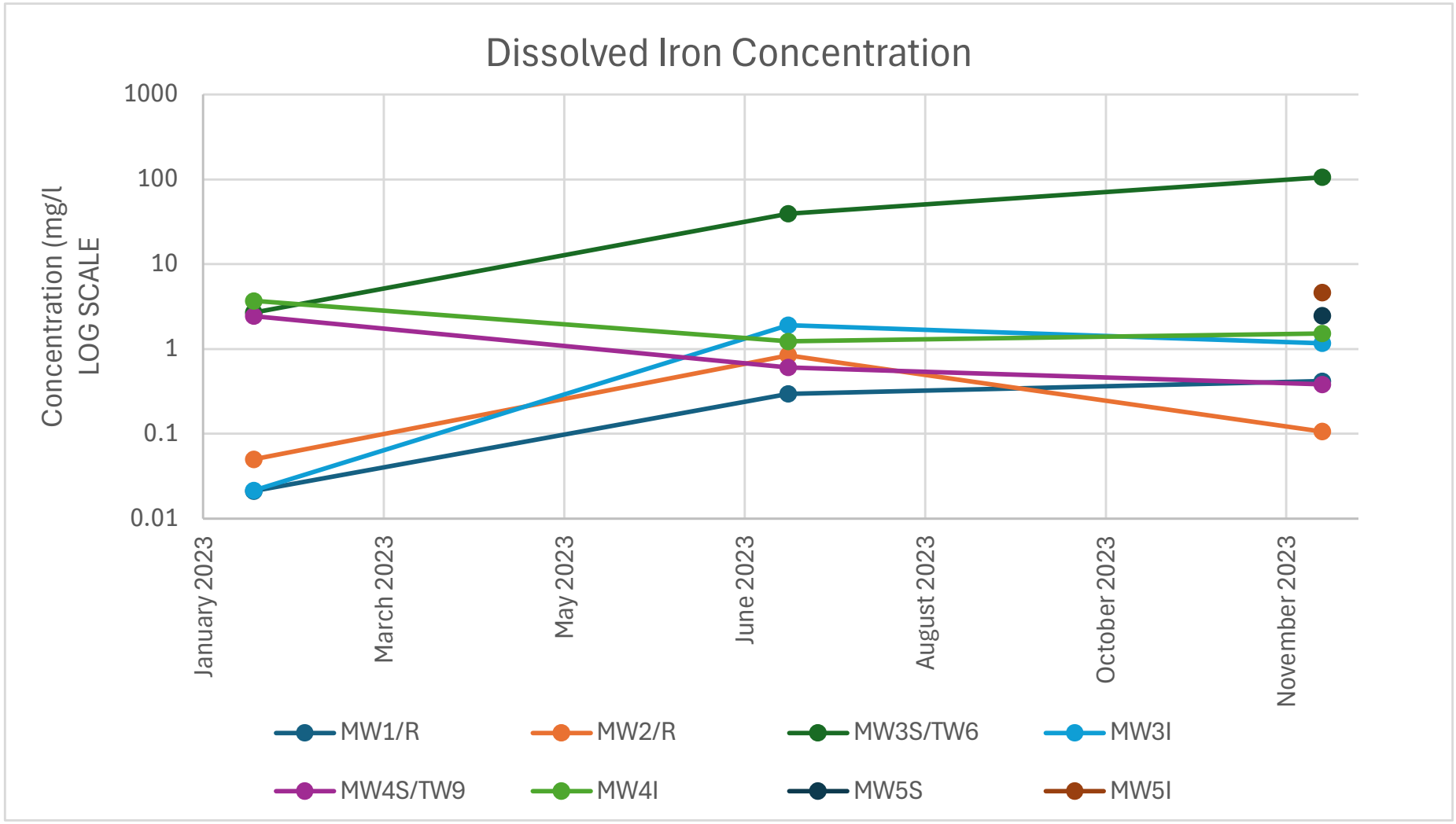
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GEI Project No.: 2001642
Client: UniFirst Corporation



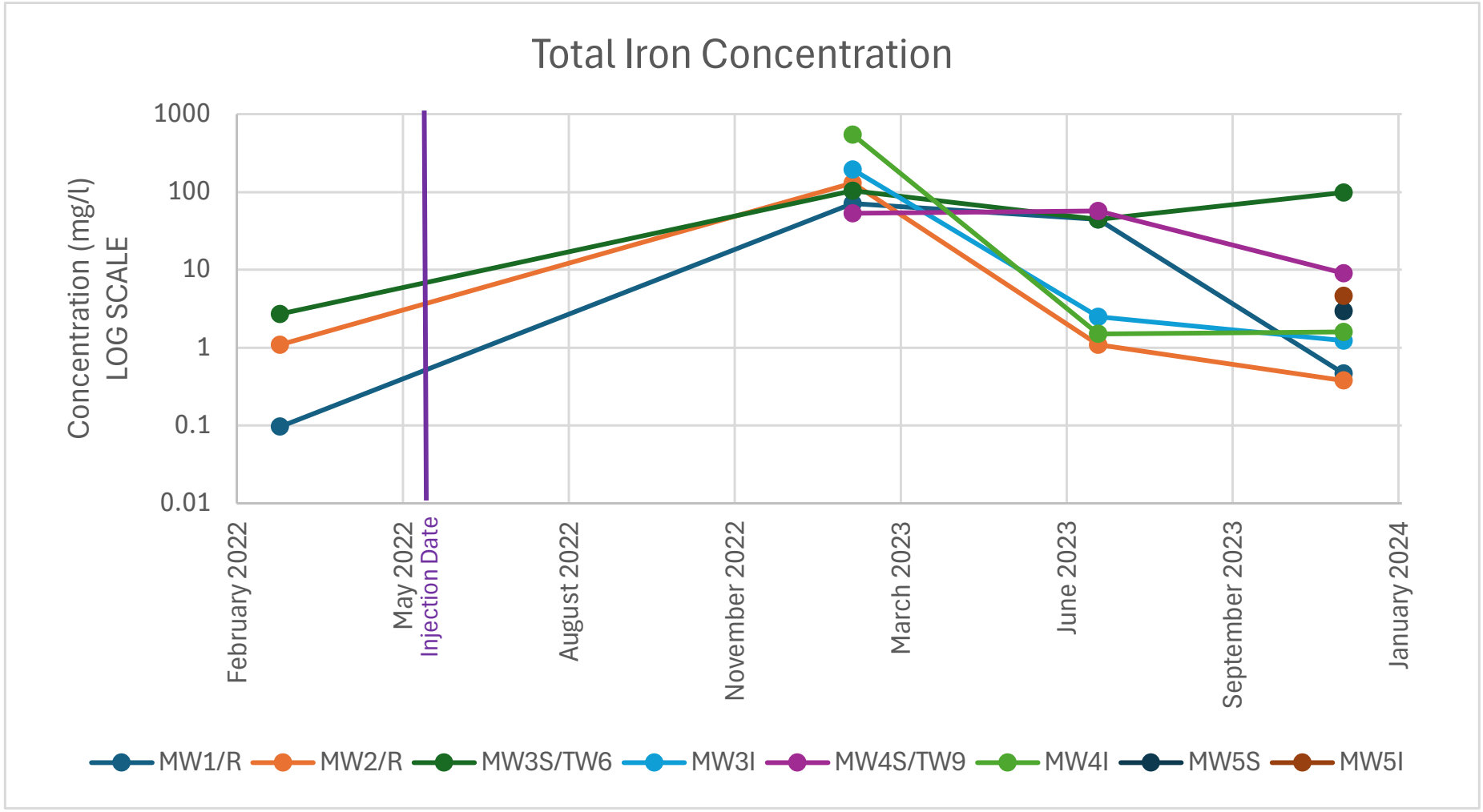
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GEI Project No.: 2001642
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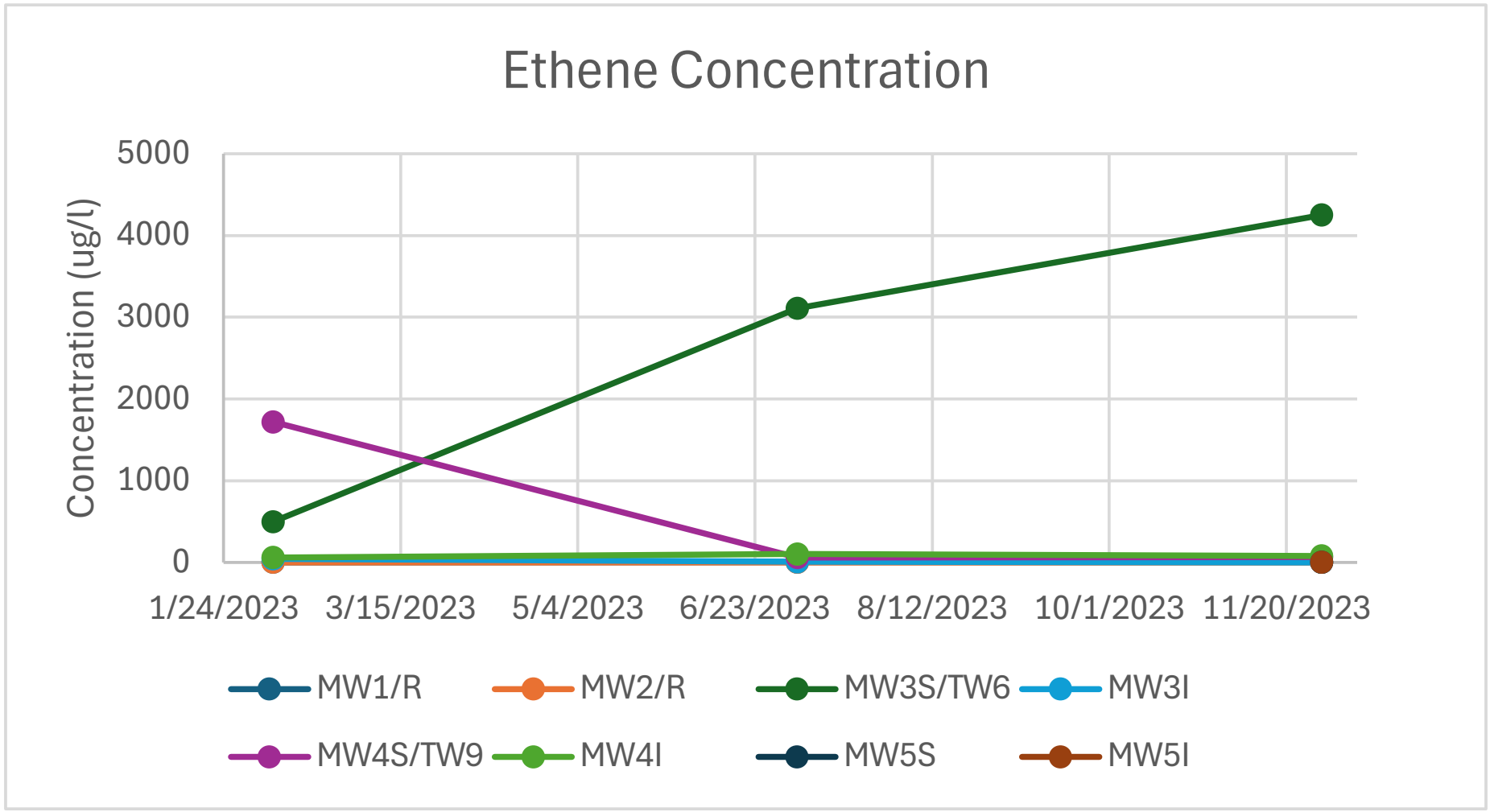
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GEI Project No.: 2001642
Client: UniFirst Corporation



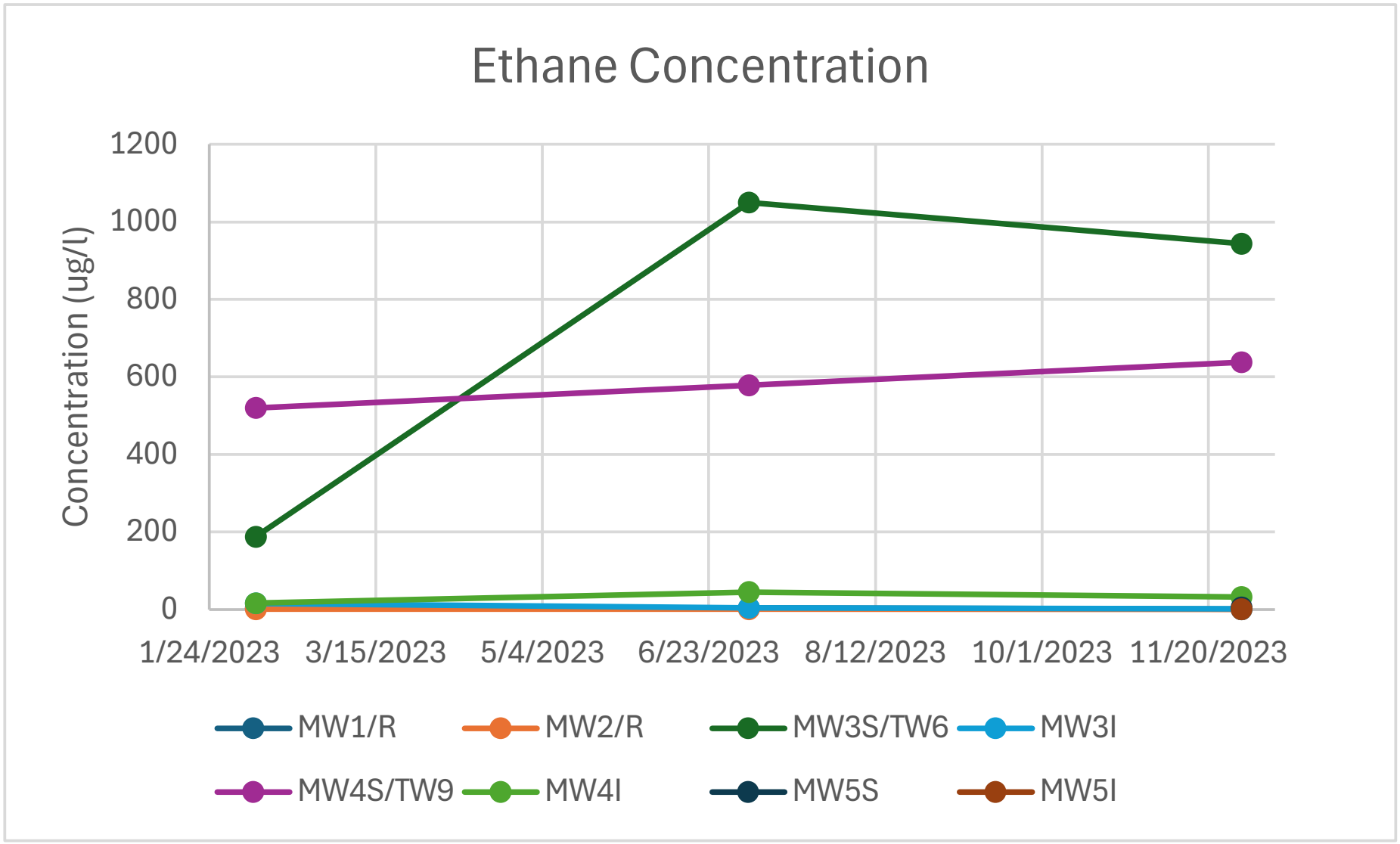
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GEI Project No.: 2001642
Client: UniFirst Corporation



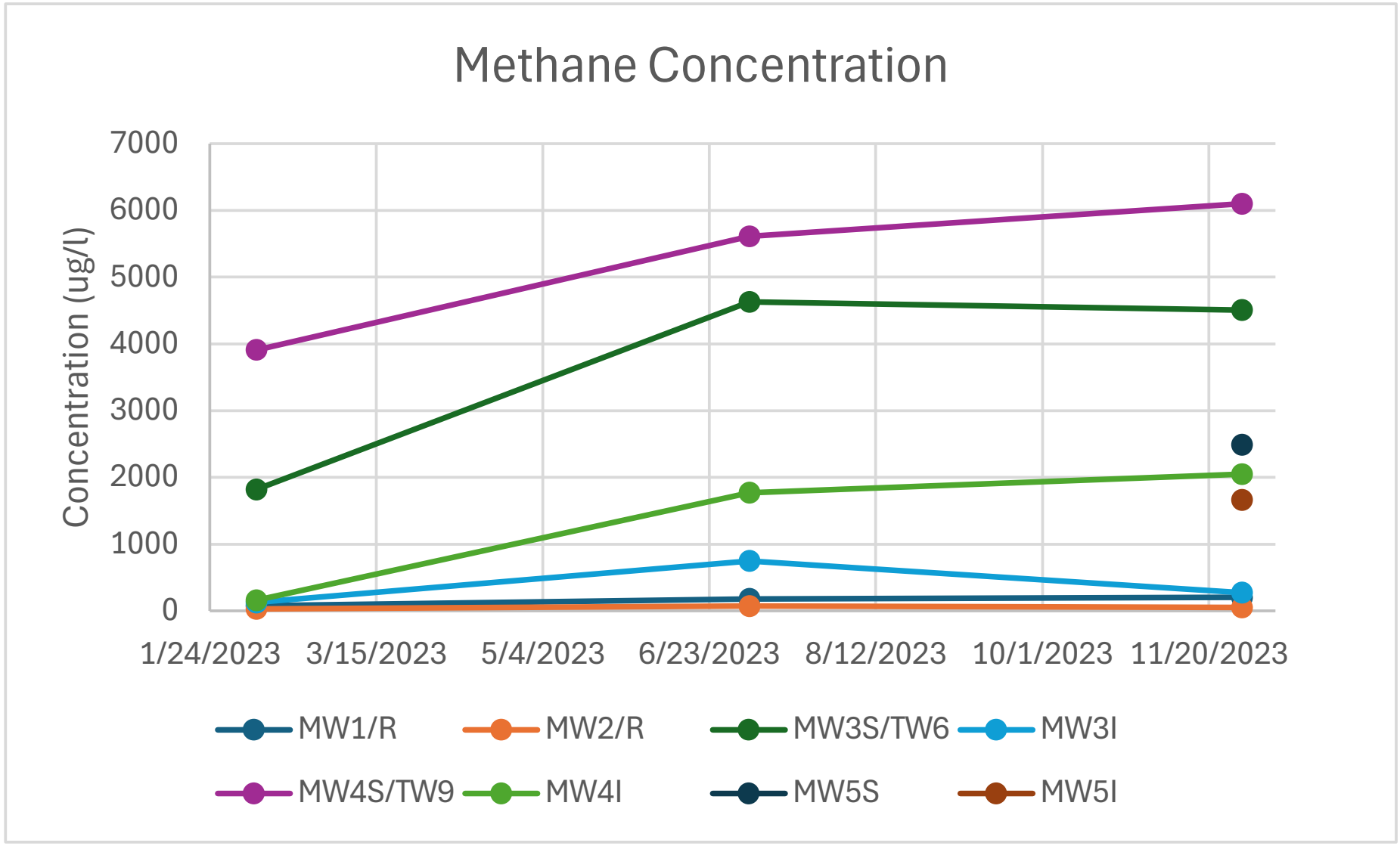
UniFirst Liverpool Post-Injection Groundwater Results
GEI Project No.: 2001642
Client: UniFirst Corporation



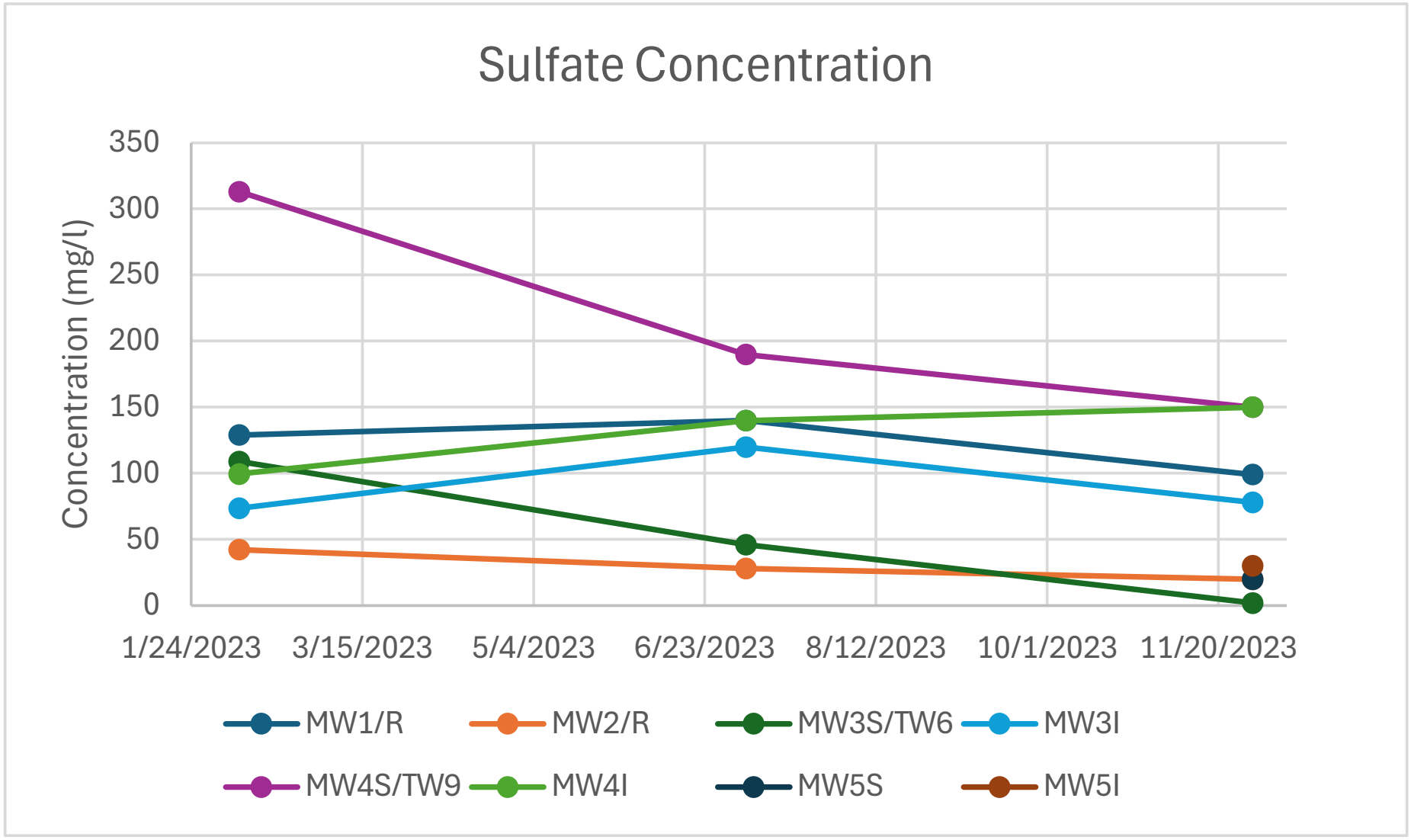
UniFirst Liverpool Post-Injection Groundwater Results
GEI Project No.: 2001642
Client: UniFirst Corporation



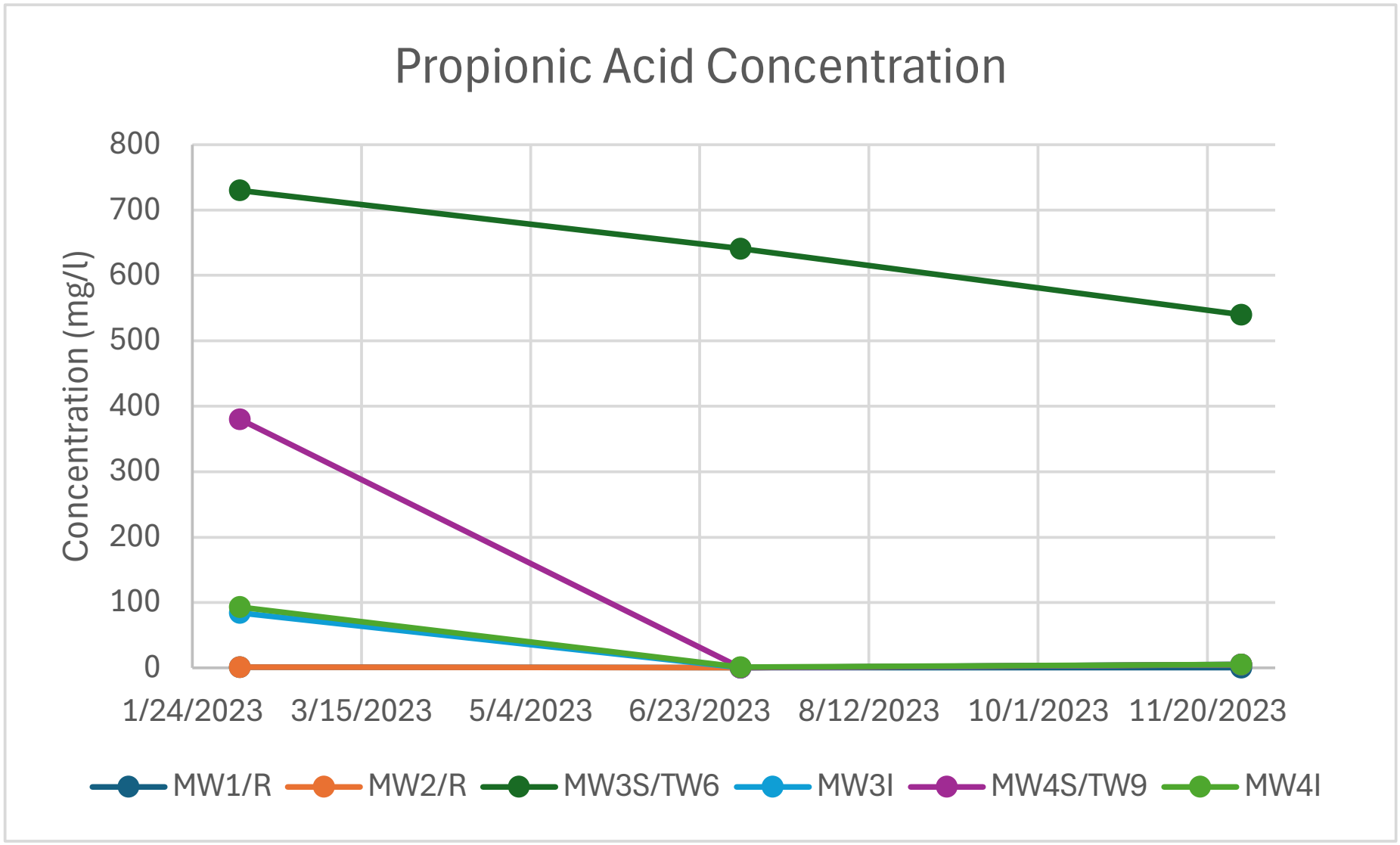
UniFirst Liverpool Post-Injection Groundwater Results
GEI Project No.: 2001642
Client: UniFirst Corporation



UniFirst Liverpool Post-Injection Groundwater Results
GEI Project No.: 2001642
Client: UniFirst Corporation



UniFirst Liverpool Post-Injection Groundwater Results
GEI Project No.: 2001642
Client: UniFirst Corporation



Appendix M VMS Product Information

Woodcock & Armani Mechanical Contractors

COMFORT SYSTEMS USA
Quality People. Building Solutions.

Comfort Systems USA (Syracuse), Inc. dba Woodcock & Armani Mechanical Contractors

Submittal 18

Submittal Cover Sheet

Date: January 20, 2023

To:	Tom Rotella C & S Companies	Contractors Project No.
From:	Comfort Systems USA	

PROJECT: UNIFIRST LAUNDRY **PROJECT NO.:**

TYPE OF SUBMITTAL:

- ☒ Product Data
- ☐ Sample
- ☐ Color Selection
- ☐ Test Report
- ☐ Certification
- ☐ MFGR Drawing
- ☐ Shop Drawing
- ☐ Substitution
- ☐ MFRG Compliance
- ☐ Record Document
- ☐ Closeout Document
- ☐ Other

Submittal Description: Radon Fan
Manufacturer: Fantech
Supplier:
Spec. Section # & Title:

☐ Sub-Paragraph: _____
☐ First Time Submission

Drawing Number: VM-5
Revision Number: _____

CONTRACTOR'S STAMP/CERTIFICATION: I hereby certify that I have reviewed this submittal, verified the products, verified field measurements where appropriate and have coordinated the information within the submittal with the requirements of contract documents. The submitted item(s) comply in every respect with the requirements of the contract documents and specifications.	ARCHITECT/ENGINEER REVIEW STAMP:
CONTRACTOR'S COMMENTS:	
BY:	

6500 New Venture Gear Drive, East Syracuse, NY 13057
P:315.425.7100 **F**: 315.471.6857

SERIES 2-5000 | MINIHELIC® II DIFFERENTIAL PRESSURE GAGE



FEATURES/BENEFITS

- **Removable lens and rear-housing provides easy, cost-effective servicing**
- **Accuracy and value provides an excellent solution for OEM and user applications**
- **Durable housing materials make it well-suited for rough environments and total high pressure**

APPLICATIONS

- Room positive pressure sensing
- Cabinet air-purging
- Medical respiratory equipment
- Air samplers
- Electronic air cooling systems
- Laminar flow hoods
- Local indication on filter status
- Face velocity on fume hood
- Duct pressures

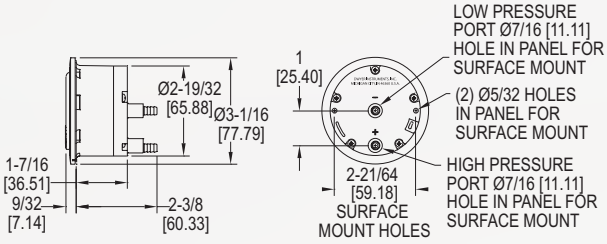
DESCRIPTION

Combining clean design, small size and low cost with enough accuracy for all but the most demanding applications our **Series 2-5000 Minihelic® II Gage** offers the latest in design features for a dial type differential pressure gage. It is our most compact gage but is easy to read and can safely operate at total pressures up to 30 psig.

SPECIFICATIONS

Service	Air and compatible gases.
Wetted Materials	Consult factory.
Housing	Glass filled nylon; polycarbonate lens.
Accuracy	±5% of FS at 70°F (21.1°C).
Pressure Limits	30 psig (2.067 bar) continuous to either pressure connection.
Temperature Limits	20 to 120°F (-6.67 to 48.9°C).
Mounting Orientation	Diaphragm in vertical position. Consult factory for other position orientations.
Process Connections	Barbed, for 3/16″ ID tubing (standard); 1/8″ male NPT (optional).
Weight	6 oz (170.1g).
Agency Approvals	Meets the technical requirements of EU Directive 2011/65/EU (RoHS II)
Caution: FOR USE ONLY WITH AIR OR COMPATIBLE NON-CORROSIVE GASES	

DIMENSIONS



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code.

2-5001 **-AT**

SERIES/RANGE

2-5000-0: 0 to 0.5 in w.c
2-5001: 0 to 1 in w.c
2-5002: 0 to 2 in w.c
2-5003: 0 to 3 in w.c
2-5005: 0 to 5 in w.c
2-5205: 0 to 5 psid
2-5210: 0 to 10 psid
2-5000-125PA: 0 to 125 Pa
2-5000-250PA: 0 to 250 Pa
2-5000-500PA: 0 to 500 Pa
2-5000-750PA: 0 to 750 Pa

OPTIONS

-AT: Aluminum tag
-BB: Bottom barb connection
-FC: Factory calibration
-NIST: NIST traceable calibration certificate
-NPT: NPT connection

ACCESSORIES

Model	Description
A-434	Portable kit for Series 2-5000 Minihelic® II gage
A-609	Air filter kit for Series 2-5000 Minihelic® II gage
A-497	Mounting bracket for the Series 2-5000 Minihelic® II differential pressure gage
A-489	4″ 303 SS straight static pressure tip with flange
A-362	Stand-hang bracket, aluminum, for Minihelic® II gage

ORDER ONLINE TODAY!

dwyer-inst.com/Product/Series2-5000

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DS-2-5000 Rev. 1

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Rn4EC
High Suction EC Radon Fan

When to use it

Our new Rn4EC radon fan is specifically designed for mitigation systems requiring high suction air performance, with the built-in flexibility to provide greater air flow rates at lower suction pressures as well.

What makes it different

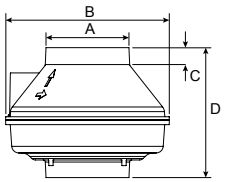
As the most powerful model in Fantech's family of Radon Mitigation fans, the Rn4EC can create 4.3" of suction while moving 20 cfm, as well as, move 490 cfm when operating at only 0.5" of suction.

The Rn4EC features an electronically commutated (EC) motor. Inherently efficient and operationally stable at full and reduced speeds, the EC motor arms the radon professional with installation methods not previously practical. Located in the wiring box, an integral speed control potentiometer can be used to "dial in" the fan speed necessary to achieve either the required sub-slab depressurization or required system air flow rate.

LDVI Couplings Included

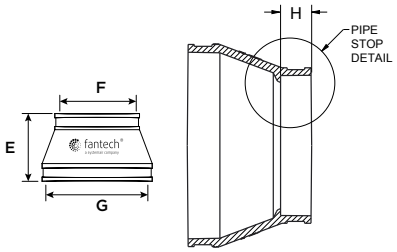
Included with every Rn4EC is a pair of Fantech's new LDVI (Low Durometer Vibration Isolating) couplings - available in 6x3 or 6x4. Designed specifically for radon mitigation applications, LDVI couplings are molded with a more flexible, more easily installed, low durometer material as compared to standard plumbing couplings.





Fan Dimensions

A	5 7/8
B	11 1/2
C	1 1/4
D	9 1/4



Coupling Dimensions

	Rn4EC-3	Rn4EC-4
E	4	4
F	3 1/2	4 1/2
G	6	6
H	1	1

Product and Performance Data

Fan Model	Couplers Included (Pair)	Fan Style	Pressure Category	Application Pressure Range[1] (in w.c.)	Max. Pressure[2] (in w.c.)	Electrical (V - ~ - Hz)	Rated Power (Watts)	RRNC 2.0 Fan Type
Rn4EC-3	LDVI 6x3	Inline	High	0 - 4.35	4.4	120 - 1 - 60	172	RF1 & RF2
Rn4EC-4	LDVI 6x4							

Cross Reference / Replacement Guide[3, 4]

Fantech		RadonAway	AMG / Festa
Recent	Older		
FR 200	R/F 200	GP301	Prowler
FR 225	R/F 225	GP401	Eagle
FR 250	R/F 250	GP501	Fury

Contact Us
Learn more and get in touch online at **fantech.net**

fantech®
a systemair company

[1] Where the fan moves approximately 20 CFM or more. [2] Where the fan operates, but creates no air movement. [3] Fan substitution/replacement based on pressure capability; pipe/connection sizes vary, and may require size transition couplings. [4] Referenced models are indicated for the Fantech model covering the majority of its application range.

Systemair Inc. • July, 2018 • Art. E1789

Appendix N Post-Startup Sampling Results Summary

April 9, 2026

Summary of Post-Startup Vapor Intrusion Conditions
UniFirst Corporation
Liverpool, New York
NYSDEC BCP Site No. 734152
May 2024; Revised July 2025; Revised April 2026

1. Introduction

Between July 2020 and October 2023, UniFirst undertook facility renovations at its laundry facility located at 113 7th North Street in Liverpool, Town of Salina, New York. Initial site investigations performed in anticipation of the renovations indicated the presence of chlorinated volatile organic compounds (CVOCs) in subsurface soil and/or groundwater within a portion of the property (primarily below portions of the pre-existing facility building). As a result, UniFirst entered into a Brownfields Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in October 2021 to investigate and remediate this property, which is identified as Site Number C734152.

The facility renovation proceeded in two phases. Between summer 2020 and spring 2022, Phase 1 included construction of a new approximately 31,000 square foot structure adjacent to Luther Avenue. While Phase 1 was under construction, UniFirst continued operating in the pre-existing facility in the east/northeast side of the Property. Once the Phase 1 building was completed, facility operations moved to the new Phase 1 building in spring 2022, the former facility building was demolished, and the Phase 2 building was constructed largely atop the footprint of the former facility building. Upon completion of Phase 2 in October 2023, the new facility was joined as a single building housing UniFirst's laundry facility and administrative operations.

Due to the presence of CVOCs in the subsurface resulting from former dry-cleaning operations in the former facility building, Interim Remedial Measures (IRMs) were undertaken in conjunction with both facility renovation phases. The final IRM Work Plan for Phase 1 was submitted to NYSDEC on October 31, 2022, and approved on November 23, 2022. The final IRM Work Plan for Phase 2 was submitted to NYSDEC on September 2, 2022, and approved on September 9, 2022. The scope of both IRMs included construction of vapor mitigation systems (VMS) comprised of vapor barrier and a sub-slab depressurization system (SSDS) incorporated into the design of their respective new building phases.[1] Although constructed in two phases, the resulting facility renovation represented one contiguous building such that a single VMS design addressed both building components, which came on-line in October 2023. Both Work Plans also called for indoor air (IA) sampling to be performed during the winter heating season following construction of the buildings, which occurred in January 2024. Permanent soil vapor sampling

[1] The Phase 2 IRM also included subsurface injections to provide in-situ treatment of CVOCs because the apparent CVOC source area was largely beneath the Phase 2 building footprint.

points were also installed during the construction of both phases of the new facility, and a selection of those points were also pressure-tested and sampled during the January 2024 sampling event.

The sub-slab vapor collection system and the vapor barrier associated with Phase 1 construction were installed in summer 2021. The vapor barrier material was left extending beyond the edge of the Phase 1 building toward the forthcoming Phase 2 so the two sections of the vapor barrier could be sealed to each other upon construction of the Phase 2 floor. The subsequent above-slab portions of the Phase 1 building VMS were completed by spring 2022. During Phase 2 construction in fall 2023, the sub-slab vapor collection system and the Phase 2 segments of the vapor barrier liner were installed and seamed along the junction of the two building phases. The above-slab portions of Phase 2 building SSDS were completed by October 2023, at which time the facility's VMS was complete and operational.

In accordance with the IRM Work Plans and NYSDOH IA sampling guidance[2] post-startup IA sampling was planned for January 2024 after the SSDS had been operating for at least 30 days into the heating season. The IA samples were collected between January 17 and 19, 2024 to evaluate the effectiveness of the VMS. In addition, UniFirst voluntarily elected to collect soil vapor samples from a subset of the permanent sub-slab vapor monitoring ports collocated with the air sampling locations during this January 2024 event. Additionally, several rounds of pressure testing have been performed, including one during the January 2024 IA and sub-slab soil vapor sampling event, as well as in March 2025, June 2025[3], and December 2025[4] to record SSDS vacuum conditions. The sampling locations, procedures, and results are discussed below, followed by data evaluation and a summary of conclusions and recommendations.

2. UniFirst Facility and Operations

The facility is an active commercial laundry operation, which takes in soiled clothes, rags, carpets, etc. from a variety of industrial and commercial facilities. A large portion of the items being brought into the facility are soiled with chemicals that can elevate IA chemical levels, possibly in excess of background levels, which is separate from/unrelated to site-related vapor intrusion (VI).

A chemical inventory was performed within the facility immediately prior to conducting the air sampling event. A variety of chemicals were observed to be stored and in use throughout the facility. The chemical inventory summary is included in Attachment A. These chemicals are generally products used as part of the laundering process, but also include paints, solvents,

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[2] New York State Department of Health Division of Environmental Health Assessment Center for Environmental Health, "Indoor Air Sampling & Analysis Guidance". February 1, 2005. https://health.ny.gov/environmental/indoors/air/guidance.htm

[3] Monitoring Point MP6D was not accurately measured on June 16, 2025 (i.e., probe was not properly sealed to the port) so a technician returned on June 26, 2025 to successfully measure the MP6D pressure

[4] Monitoring Point MP6D was not accurately measured on December 10, 2025 (i.e., probe was not properly sealed to the port) so a technician returned on January 8, 2026 to successfully measure the MP6D pressure

lubricants, aerosols, PVC glue, and motor oil stored and used in the maintenance room and shop room near MP1 (Figure 1), as well as paints and other various construction-related chemicals stored beneath the stairs close to MP6 (Figure 1). It was also noted that workers frequently smoke cigarettes in open exterior doorways throughout the building, which is a potential source of many VOCs, including benzene, chloromethane, toluene, ethylbenzene, xylene, 1,3-butadiene, and 2-butanone (MEK) (all of which were detected in one or more indoor and/or ambient air samples).

Additionally, because the building is operated as a commercial laundry cleaning facility, uniforms and rags soiled with various chemicals from customer facilities are continually stored in and processed throughout the facility as noted above, and the chemicals present will differ from day to day depending on the laundry stream. Therefore, in addition to the known chemicals that are used in the laundry cleaning and maintenance operations at the facility, soiled laundry potentially also contribute to the measured IA concentrations of certain chemicals.

Although attempts were made to remove the majority of the soiled materials from the facility during IA sampling, it was not possible to exclude all operational-related sources without shutting down for several days and removing all soiled materials from the premises. Due to the presence of these unavoidable unrelated IA sources, a comparison of the observed IA concentrations to ambient (outdoor background) concentrations cannot provide an accurate representation of impacts resulting from soil VI.

3. Sampling Locations and Procedures

From January 17 to 19, 2024, GEI collected eight IA samples, five sub-slab soil vapor samples (along with pressure testing of the vapor points [Section 5.3]), and one ambient air sample. The sample locations are shown on Figure 1 and summarized in the following table:

Location	Ambient Air	Indoor Air	Soil Vapor
Ambient (Outdoor) Air	AA1	--	--
MP-1	--	IA1	SSV1D
MP-2	--	IA2	--
MP-3	--	IA3	SSV3
MP-4	--	IA4	SSV4
MP-5	--	IA5	SSV5D
MP-6	--	IA6	SSV6
MP-7	--	IA7	--
MP-8	--	IA8	--

Indoor and ambient air sampling was conducted consistent with the approved IRM Work Plans. Sub-slab soil vapor sampling was not a required component of the IRMs but was performed at UniFirst's discretion and consistent with previously established procedures to demonstrate conditions below the new facility.

Indoor and ambient air samples were collected at breathing height (approximately 4 to 6 ½ feet above the floor) using Summa canisters with 8-hour flow controllers. Sub-slab soil vapor samples were collected from permanent vapor monitoring points (installed through the vapor barrier during construction). Sub-slab vapor samples were collected in Summa canisters with 1-hour flow controllers. A helium tracer test was conducted for quality control purposes at each sub-slab sampling point to demonstrate that IA was not affecting the sub-slab samples. Attachment A includes the IA and sub-slab soil vapor sampling logs.

The different sampling durations were used for IA and sub-slab soil vapor samples because the duration used for each is considered to be representative of each media. Collecting sub-slab soil vapor samples over one hour is considered representative because the sub-slab conditions (e.g. temperature, pressure, moisture content and vapor concentrations are relatively stable over time. IA samples were collected over eight hours to assess exposure over a typical workday. This longer time period for IA sampling (as compared to soil vapor sampling) accounts for changing conditions throughout the day inside the UniFirst facility as different machines are operated, doors are opened and closed, the HVAC system turns on and off, etc. None of these fluctuating conditions are present in the subsurface. The longer sample duration for the IA samples accounts for a representative sample of conditions during a typical worker shift.

4. Analytical Results

The January 2024 post-startup air and sub-slab soil vapor samples were shipped to Alpha Analytical Laboratories in Mansfield, MA for analysis of VOCs using Method TO-15. Table 1 summarizes the chemicals detected in the IA and ambient air samples. Table 2 summarizes the results for the sub-slab soil vapor samples. The laboratory data package is included in Attachment C. The analytical results are further discussed below.

4.1 Indoor Air

Concentrations of multiple constituents, including acetone, bromodichloromethane, BTEX (benzene, toluene, ethylbenzene and xylenes), 1,3-butadiene, 2-butanone (MEK), chloroform, dibromochloromethane, ethanol, 4-ethyltoluene, 1,1-dichloroethane, n-heptane, n-hexane, 2-propanol, tetrahydrofuran, tetrachloroethylene (PCE), trans-1,2-dichloroethene (trans-1,2-DCE), trichloroethene (TCE), 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene, chloromethane, and 1,2- dichloroethane, were detected in IA above the background concentrations reported in the ambient air sample.[5] NYSDOH has published Indoor Air (IA) Guidelines for two of these constituents, including PCE and TCE. Detected concentrations of both constituents were significantly below these published guidelines. Additionally, USEPA 2001: Building Assessment and Survey Evaluation (BASE) 90th Percentile (P90) values are available for

[5] For the purpose of this evaluation, indoor air results were considered above background if the indoor air concentration was more than 10% greater than the ambient air concentration.

screening additional chemicals against commercial background values[6]. USEPA BASE P90 background values are available for the majority of the detected constituents in IA (all except for tetrahydrofuran and trans-1,2-DCE). Chloroform was the only VOC detected above its USEPA BASE P90 value and is likely related to non-VI sources as further discussed below. The indoor and ambient air sample results are included in Table 1.

With respect to the CVOCs that are of primary concern at the site (i.e., PCE and its daughter products, including TCE, cis- and trans-1,2-dichloroethene [DCE], and vinyl chloride [VC]), the following observations can be made:

- PCE was detected in seven of eight IA samples, with concentrations ranging from 1.25 to 6.7 ug/m^3 (the NYSDOH IA Guideline is 30 ug/m^3 and the USEPA BASE P90 value is 15.9 ug/m^3).
- TCE was detected in one of eight IA samples with a concentration of 0.156 ug/m^3 (the NYSDOH IA Guideline is 2 ug/m^3 and the USEPA BASE P90 value is 4.2 ug/m^3).
- Trans-1,2-DCE was detected in one of eight IA samples with a concentration of 1.21 ug/m^3 (no published NYSDOH guideline or USEPA BASE P90 value).
- Cis-1,2-DCE and VC were not detected in any IA samples (no published NYSDOH guidelines; USEPA Base P90 background values are <1.9 ug/m^3 and <0.25 ug/m^3, respectively).
- CVOCs of primary concern were not detected in the ambient air sample.

4.2 Soil Vapor

Concentrations of acetone, benzene, 2-butanone (MEK), cyclohexane, ethanol, 2-propanol, PCE, tetrahydrofuran, toluene, 1,2,4-trimethylbenzene, and 2,2,4-trimethylpentane were detected in soil vapor above laboratory reporting limits. The soil vapor sample results collected in January 2024 are included in Table 2.

Relative to the detections of compounds in IA above background during this January 2024 event, acetone, benzene, 2-butanone (MEK), ethanol, 2-propanol, PCE, tetrahydrofuran, toluene, and 1,2,4-trimethylbenzene were also detected in soil vapor. Compounds that were detected in IA above background and not detected in soil vapor in January 2024 are bromodichloromethane, 1,3-butadiene, chloroform, chloromethane, dibromochloromethane, 1,1-dichloroethane, 1,2-dichloroethane trans-1,2-dichloroethene, ethylbenzene, 4-ethyltoluene, n-heptane, n-hexane, TCE, 1,3,5-trimethylbenzene, and o-xylene. Compounds that were detected in soil vapor and not detected in IA above background are cyclohexane and 2,2,4-trimethylpentane.

[6] EPA BASE P90 values are provided in Appendix C, Table C2 of the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH).

With respect to the CVOCs that are of primary concern at the site, the following observations can be made:

- PCE was detected above laboratory reporting limits in one of five soil vapor samples (at location SSV5D) at a concentration of 139 ug/m^3.
- TCE, cis-1,2-DCE, trans-1,2-DCE, and VC were not detected above laboratory reporting limits in any soil vapor samples.
- These January 2024 concentrations are significantly lower than those previously reported between 2020 and 2022, prior to the SSDS installation and building reconstruction.

5. Data Evaluation

IA and/or soil vapor analytical data were evaluated from three perspectives:

- Comparison of IA data to established NYSDOH Air Guidelines7 and USEPA BASE P90 values[8].
- Comparison between concentrations in groundwater, soil vapor (collected both before and after SSDS installation) and IA
- An assessment of facility operations for the compounds detected in IA that do not have published NYSDOH air guidelines.

GEI also measured the vacuum pressure from each riser stack and the sampled soil vapor points during the January 2024 sampling event to confirm the sub-slab depressurization (Section 5.3).

5.1 Indoor Air Evaluation

The IA results indicate that with the VMS operating, the potential VI associated with contaminants of concern (primarily PCE and its daughter compounds) in the groundwater and soil is not occurring at a rate that causes IA concentrations above NYSDOH guidelines, including NYSDOH Ambient Air guidelines and BASE P90 values. The maximum concentration of PCE in the IA samples was 6.7 ug/m^3, which is significantly less than the applicable NYSDOH Ambient Air Guideline value of 30 ug/m^3 and USEPA BASE P90 value of 15.9 ug/m^3, and approximately two orders of magnitude lower than the concentration in the one soil vapor sample in which it was detected (139 ug/m^3) during the same sampling event. The only detection of TCE in the IA samples had a concentration of 0.156 ug/m^3, also less than the applicable NYSDOH Ambient Air Guideline value of 2 ug/m^3 and USEPA BASE P90 value of 4.2 ug/m^3. Trans-1,2-DCE was detected in one IA sample at a concentration of 1.21 ug/m^3, although there is neither an established

[7] Ambient Air guidelines for Trichloroethene and Tetrachloroethene are provided on the NYSDOH "Soil Vapor Intrusion Guidance and Updates" webpage.
[8] USEPA BASE P90 values are provided in Appendix C, Table C2 of the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH).

NYSDOH Air Guideline nor USEPA BASE P90 value for this compound. The other daughter products of PCE were not detected in IA.

With respect to other VOCs detected in IA, only chloroform was detected above the USEPA BASE P90 value of 1.1 ug/m^3. Chloroform concentrations exceeded the P90 value in seven of the eight samples, ranging from 1.7 to 26.2 ug/m^3. (And while detected in certain pre-SSDS installation soil vapor samples it was not detected in the post-SSDS installation soil vapor samples that were collected at the same time as the air samples.) Chloroform detections in IA are likely attributed to a non-VI source, possibly related to the soiled laundry stream present during sampling because materials soiled with organic compounds laundered with chlorine can produce chloroform.

This evaluation of CVOCs in IA satisfies the scope of work included in the IRM Work Plans and demonstrates the effectiveness of the VMS that was installed through IRM implementation during both Phases of facility construction. However, UniFirst elected to analyze the full list of VOCs for the USEPA Method TO-15 in IA and to collect sub-slab soil vapor samples for analysis of the full TO-15 VOC list. As noted in Sections 3.1 and 3.2, several additional VOCs were detected in IA and sub-slab soil vapor. Considering the additional data for IA and sub-slab soil vapor, additional data evaluations were performed as presented below.

5.2 Additional Evaluation of VI Pathway

The following table depicts maximum concentrations of chemicals detected at least once in IA above background (ambient conditions), along with the associated maximum concentrations among soil vapor and groundwater samples collected to date.

Compound (conc in ug/m^3)	Max. Indoor Air Conc. (& Location [Fig. 1])	Remedial Investigation (pre-VMS install) Max. Soil Vapor Conc. (& Location) NOTE 1	Jan 2024 (post-VMS install) Max. Soil Vapor Conc. (& Location [Fig. 1])[9]	Max. GW Conc. (& Location [Fig 1])	Assessment
Acetone	23.8 (IA7 @ MP7)	406 (SSV3)	12,500 (SSV6 @ MP5)	200 (TW6)	VMS effective
Bromodichloromethane	1.79 (IA1)	ND	ND	5 (TW-14)	Incomplete VI pathway
1,3-Butadiene	0.082 (IA4)	2.91 (SV1; NOTE 2)	ND	NA	Non-VI source/Incomplete VI pathway
Chloroform	26.2 (IA1)	830 (SSV6)	ND	36 (MW2)	VMS effective
Chloromethane	1.62 (IA2)	2.95 (SSV1)	ND	ND	Non-VI source
Dibromochloromethane	0.213 (IA1)	ND	ND	1.4 (TW14)	Incomplete VI pathway
1,1-Dichloroethane	0.158 (IA4)	ND	ND	ND	Non-VI source
1,2-Dichloroethane	0.097 (IA6)	ND	ND	ND	Non-VI source
Trans-1,2-DCE	1.21 (IA8)	89.6 (SSV2)	ND	170 (TW6)	VMS effective
Ethanol	83.1 (IA7)	296 (SSV5)	29,600 (SSV5D @ MP5 location)	NA	VMS effective
4-Ethyltoluene	0.261 (IA1)	12.5 (SV1; NOTE 2)	ND	NA	Non-VI source/Incomplete VI pathway
2-Butanone (MEK)	2.75 (IA1)	109 (SSV4)	41,600 (SSV6 @ MP6 location)	1.9 (MW2R)	VMS effective
2-Propanol	2.9 (IA1)	112 (SSV5)	961 (SSV5D @ MP5 location)	NA	VMS effective
Tetrahydrofuran	8.94 (IA1)	900 (SSV4)	111,000 (SSV6 @ MP6 location)	ND	VMS effective
TCE	0.156 (IA5)	5,540 (SSV2)	ND	30,000 (MW3S)	VMS effective
PCE	6.7 (IA1)	47,700 (SSV2)	139 (SSV5D @ MP5 location)	140,000 (MW4S)	VMS effective
Benzene	0.933 (IA4)	96.8 (SV3)	27.5 (SSV5D @ MP5 location)	72 (MW5S)	VMS effective
Ethylbenzene	0.869 (IA1)	15 (SSV5)	ND	780 (MW5S)	VMS effective
1,2,4-trimethylbenzene	1.17 (IA1)	72.8 (SV1; NOTE 2)	865 (SSV6 @ MP6 location)	NA	VMS effective
1,3,5-trimethylbenzene	0.315 (IA1)	44.3 (SV1; NOTE 2)	ND	NA	Non-VI source/Incomplete VI Pathway
o-xylene	1.14 (IA1)	22.9 (SSV5)	ND	35 (MW1R)	VMS effective
m,p-xylene	3.58 (IA1)	53.9 (SSV5)	ND	42 (MW5S)	VMS effective
Heptane	1.72 (IA1)	221 (SV3)	ND	NA	VMS effective
Hexane	0.863 (IA4)	1,650 (SV3)	ND	NA	VMS effective
Toluene	26.4 (IA3)	39.6 (SSV5)	40.7 (SSV3 @ MP3 location)	530 (MW2)	VMS effective

[9] The laboratory detection limits for certain sub-slab soil vapor samples were elevated due to dilution of the samples. It is possible that these compounds are present in the subsurface at concentrations below

Table Acronyms:
ND indicates the compound was not detected in the associated media.
NA indicates the compound has not been analyzed in the associated media.
Table Notes:
Pre-VMS installation soil vapor data was obtained between 2020 and 2022 prior to demolition or the original facility as part of preliminary investigations and Remedial Investigations and was included in the draft Remedial Investigation Report (December 2024). Therefore, these locations are not coincident with post-VMS startup locations. These pre-VMS startup soil vapor sampling locations are shown in Attachment D.
SV1 was located immediately adjacent to Luther Ave outside both the former and current facility footprint (collected in 2020) and is considered not Site related.

The efficacy of the SSDS operation is evident based on the orders-of-magnitude difference between most IA and soil gas concentrations. Further, the post-VMS installation soil vapor data shows marked reductions in the concentration of Site-related CVOCs, including PCE, TCE, and trans-1,2-DCE, relative to pre-VMS soil vapor maximum concentrations. A more detailed evaluation of relevant data is summarized below.

Due to their absence in the subsurface, it is unlikely that the IA concentrations of 1,1-dichloroethane and 1,2-dichloroethane (which were detected in IA slightly above background but not in soil vapor or groundwater) are related to volatilization from the subsurface and are therefore considered non-VI sources. Similarly, 1,3-butadiene, 4-ethyltoluene, 1,3,5-trimethylbenzene (which were detected in IA above background but not detected in site-related soil vapor and not analyzed in groundwater) are not attributed to VI. However, because they were not analyzed in groundwater, they are categorized in the table above as possibly being an incomplete VI pathway, as well as a potential non-VI source. Regardless, none of the IA concentrations for these compounds exceeded the USEPA BASE P90 commercial background IA values.

With respect to non-VI sources, bromodichloromethane and dibromochloromethane, which were detected in IA and groundwater but not in soil vapor, the VI pathway is likely not complete.

Based on comparison of the analytical results, the following compounds detected in IA above background and also detected in soil vapor but not detected or not analyzed in groundwater: heptane, hexane, chloromethane, ethanol, 2-propanol, tetrahydrofuran, and 1,2,4-trimethylbenzene. These could be the result of a potentially complete VI pathway, but the maximum IA concentration of each of these compounds is orders of magnitude less than the maximum soil vapor concentrations (with the exception of chloromethane[10]), confirming that the VMS is effective in controlling or interrupting the pathway, as further discussed below. Further,

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the detection limits. Regardless, the indoor air concentrations of these compounds are below USEPA BASE P90 (except chloroform) and only slightly above local background and the VMS is effectively mitigating the vapor intrusion pathway.

[10] Although found at low concentrations in three pre-VMS installation soil vapor samples, it is more likely that its presence in indoor air is attributable to tobacco smoke. Chloromethane is commonly found in tobacco smoke, which was present during indoor air sampling (maximum concentration location was near door to area used by workers for smoking).

the IA concentrations of these compounds also did not exceed the USEPA BASE P90 values, where available (tetrahydrofuran has no value).

The remaining compounds that were detected above background in IA and also detected in soil vapor and groundwater - PCE, TCE, trans-1,2-DCE, benzene, toluene, ethylbenzene and xylenes (BTEX), acetone, 2-butanone (MEK), and chloroform - may be the result of a potentially complete VI pathway but, again, maximum IA concentration of each of these compounds is orders of magnitude less than the maximum soil vapor (with the exception of toluene[11]), confirming that the VMS is effective in controlling or interrupting the pathway. Additionally, with the exception of chloroform (discussed in Sections 4.1 and 4.3.1), the IA concentrations of these compounds also did not exceed the USEPA BASE P90 values, where available (trans-1,2-DCE has no value).

5.2.1 Potential Non-Vapor Intrusion Sources

Discussion of the potential sources of constituents that were detected in IA but are considered to be unrelated to VI from historical releases at the former laundry facility (i.e., Site related sources in the subsurface) is provided below.

The building is operated as a commercial laundry cleaning facility, where uniforms, floor coverings, and rags soiled with various chemicals from customer facilities are continually stored in and processed throughout the facility. The chemicals present within the facility will differ from day to day depending on the laundry stream. This variable laundry stream is a potential confounding source of constituents identified in IA. For example, as noted above, chloroform can be produced when material soiled with organics is laundered using chlorine.

The presence of fuel-related constituents (BTEX, ethanol, heptane, hexane) is likely contributable to offsite sources, such as the petroleum spills at the adjacent Pilot property that are known to be impacting the UniFirst property. Even in the absence of this potential off-site source, the presence of these constituents in IA in an industrial setting is common and closely associated with known sources (e.g., idling vehicles at loading docks) and not necessarily indicative of vi. Similarly, the presence of chloromethane in IA slightly above background at two adjacent locations (i.e., the IA samples collected from locations MP1 and MP2) may be attributable to tobacco smoke moving into the building from open doorways. The maximum concentrations of these chemicals in IA are below the maximum soil vapor concentrations, as well as USEPA Base P90 values, indicating that the VMS is effective in controlling the potential intrusion pathway.

1,2,4-trimethylbenzene is also a component of gasoline (see discussion in paragraph above) and is present in asphalt, which is the primary component of the Nitra-Core sealant that was used during vapor barrier construction. The maximum concentration in IA is well below the maximum

[11] Toluene is commonly found in vehicle exhaust, which was present during indoor air sampling (maximum concentration location was near loading dock doors).

soil vapor concentration, as well as USEPA BASE P90 values, indicating that the VMS is effective in controlling the potential intrusion pathway.

Tetrahydrofuran is a key component of PVC glue, which commonly contains 30-60% tetrahydrofuran.[12,13] Tetrahydrofuran detections in the sub-slab soil vapor are likely attributable to the recent installation of the PVC pipe that makes up the SSDS (including the sub-slab sampling ports) and facility's waste lines. MEK is commonly used as a solvent in certain paints, coatings, and glues,[14] and may be the result of off-gassing from building materials or maintenance products. Although MEK and tetrahydrofuran were detected in all the soil vapor samples, they were only detected in one IA sample (IA1), which was collected in the shop room where several solvents, paints, and glues are stored. The maximum concentrations of both compounds in IA are orders of magnitude below the maximum soil vapor concentrations, indicating that the VMS is effective in controlling the potential intrusion pathway.

With respect to ethanol and 2-propanol (detected in IA above background and in soil vapor, but not analyzed in groundwater), the concentrations of these compounds in sub-slab soil vapor and IA are not considered a health concern based on National Institute for Occupational Safety and Health (NIOSH)-identified recommended exposure limits (REL) that are orders of magnitude higher than the concentrations detected in IA at the site. The REL for ethanol is 1,900,000 $\mu g/m^3$ and the REL for 2-propanol is 980,000 $\mu g/m^3$. Comparatively, the highest concentrations detected in soil vapor and IA were 83.1 $\mu g/m^3$ and 2.9 $\mu g/m^3$, respectively. Further, similar to other compounds detected in the IA samples, ethanol and 2-propanol are both commonly used as disinfectants and degreasers in various industries, including laundry operations. The maximum concentrations of both compounds in IA are orders of magnitude below the maximum soil vapor concentrations, further confirming that the VMS is effective in controlling the potential intrusion pathway.

With respect to acetone, which was detected in IA above background, soil vapor, and groundwater, the concentrations detected in groundwater are low with respect to volatilization potential.[15] Further, both IA and soil vapor concentrations are well below the NIOSH REL (590,000 $\mu g/m^3$). The maximum concentration of acetone in IA is several orders of magnitude

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[12] National Center for Biotechnology Information (2024). PubChem Compound Summary for CID 8028, Tetrahydrofuran. Retrieved March 18, 2024, from https://pubchem.ncbi.nlm.nih.gov/compound/Tetrahydrofuran.

[13] DeLima Associates (2024). Consumer Product Information Database; Tetrahydrofuran. Retrieved March 18, 2024, from https://www.whatsinproducts.com/chemicals/view/1/524.

[14] The National Institute for Occupational Safety and Health (2018). Workplace Safety and Health Topics; Methyl Ethyl Ketone. Retrieved May 15, 2024 from https://www.cdc.gov/niosh/topics/methylethylketone/default.html#:~:text=Methyl%20ethyl%20ketone%20is%20used,who%20work%20in%20printing%20plants

[15] For example, although New York does not publish volatilization criteria for groundwater, criteria are available in neighboring states such as Connecticut, where the groundwater volatilization criterion for acetone is 50,000 ug/L, compared to a maximum observed groundwater concentration of 200 ug/L.

below the maximum soil vapor concentrations, indicating that the VMS is effective in controlling the potential intrusion pathway.

5.2.2 Conclusion

Overall, the concentrations of compounds present in IA are below levels expected to impact human health and are likely to not be the result of complete vi pathway. As discussed in Section 4.1 above, IA sampling alone satisfied the scope of work included in the IRM Work Plans and demonstrates the effectiveness of the VMS. The supplemental evaluations herein provide additional evidence that the VMS is effective. For compounds detected in soil vapor, with few exceptions (i.e., chloromethane and toluene, both likely attributable to secondary sources), the associated IA concentrations were substantially lower, supporting findings that VMS is effective in controlling the potential intrusion pathway. Further, it is more likely that the presence of compounds detected above background in IA are the result of chemicals stored or used in laundry operations, chemicals being brought on site in the soiled textiles for laundering as discussed in Section 2 and/or are off-gassing from the recent construction or offsite sources rather than from volatilization from COCs present below the building.[16]

5.3 Evaluation of Sub-slab Depressurization

GEI technicians used a manometer to measure the vacuum pressure in each SSDS riser stack on 4 occasions, including an annual inspection in December 2024, a follow-up inspection in March 2025, a post-repair inspection in June 2025, and another annual inspection in December 2025. These data are summarized on the following table, in units of inches of water column (inWC).

Stack ID	S1	S2	S3	S4	S5
Negative Pressure (inWC) **December 12, 2024**	2.48	2.61	2.57	2.10	Unstable Readings
Negative Pressure (inWC) **March 20, 2025**	0.185	1.780	1.770	1.300	0.085

[16] Several construction-related glues and paints, as well as a variety of degreasers and disinfectants related to the laundry operation, were observed during the chemical inventory (Attachment C). The highest indoor air concentrations were generally observed at IA1 (in the shop room), where several chemicals are stored and used. Other chemicals are likely the result of off-gassing from materials used during construction (e.g., vapor barrier sealant and PVC glue used during SSDS construction). Chemicals are also present and volatizing from the laundry that is brought into and washed at the facility. Because of the volume and consistent use/processing of these materials as part of laundry operations, these process chemicals nor the soiled laundry could be removed from the building during the indoor air sampling event.

Negative Pressure (inWC) **June 16, 2025**	2.0	2.4	1.9	1.4	1.0
Negative Pressure (inWC) **December 10, 2025**	1.823	1.880	1.806	1.265	0.830

Similar to the riser stacks, GEI technicians used a manometer to measure the vacuum pressure in each sub-slab monitoring point on 5 occasions, including the four identified above, as well as during the post-startup sampling event in January 2024.[17] These data are summarized on the following table.

MP ID	MP1D	MP2D	MP3D	MP4D	MP5D	MP6D[18]	MP7D	MP8D
Negative Pressure (inWC) **Post-Startup January 2024**	0.35	NM	0.93	0.64	0.80	0.03	NM	NM
Negative Pressure (inWC) **Annual Inspection December 2024**	0.575	NM	1.495	1.090	1.420	0.001	NM	NM
Negative Pressure (inWC) **Annual Inspection Follow-up March 2025**	0.149	0.775	0.865	0.562	0.789	0.002	0.170	0.110

[17] Monitoring points MP2D, MP7D, MP8D were not accessible during the January 2024 event. MP2D could not be opened because the metal cover had rusted shut. MP7D could not be accessed because the plastic cap had been installed upside down and cemented in place. MP8D could not be accessed because a carpet had been installed over top and the exact location was not known.

[18] A recurring issue has been encountered at MP6D that makes it especially difficult to get an accurate pressure measurement at this point. On two occasions (June 2025 and December 2025) an adequate seal was not achieved, thus a zero pressure reading was recorded. On both occasions, when technicians returned and measured the pressure directly in the PVC monitoring point instead of through the port in the plastic threaded cap, sufficient pressure was confirmed.

Negative Pressure (inWC) **Post Repair June 2025**	0.564	1.04	1.05	0.854	0.945	0.112	0.626	0.508
Negative Pressure (inWC) **Annual Inspection December 2025/January 2026**	0.399	0.840	0.780	0.624	0.732	0.013	0.457	0.386

The June 2025 and December 2025/January 2026 events were performed after repairs that were identified during the 2024 annual inspection were completed. The negative pressures in each monitoring point that was measured post-startup (January 2024), as well as the eight monitoring points measured during these two post-repair events all surpass the design standard, which was to create a vacuum of at least 0.004 inches water column.

In summary, sub-slab vacuum coverage confirms control of potential intrusion pathways and effectiveness of the VMS when discharge stacks are operating as designed.

6. Conclusions and Recommendations

The post-startup heating season data described herein show that the VMS installed during facility construction (i.e., vapor barrier and active SSDS) is operating as intended. Operation of the SSDS will continue. UniFirst personnel will maintain and inspect system components, including the blowers, gauges and alarms, periodically. GEI began conducting annual inspections of the VMS in 2024. The inspection report for the first annual inspection is included in Attachment E. Note that the repairs identified in the inspection were made in June 2025, and vacuums were verified thereafter. The inspection report for the second annual inspection is included in Attachment F.

Inspections include visual inspection of the complete system (e.g. vent fans, piping, warning devices, labelling on system components), identification and repair of leaks, and inspection of the exhaust points to verify no air intakes have been located nearby. A detailed description of the operation, maintenance and monitoring is described in the Interim Site Management Plan, which was submitted for agency approval as part of the draft Construction Completion Report for Phase 2 Construction and is expected to be submitted as a stand-alone final document in the second half of 2025.

Attachments:

Table 1. Summary of Post-VMS Startup Analytical Results – Indoor and Ambient Air Samples
Table 2. Summary of Post-VMS Startup Analytical Results – Sub-slab Soil Vapor Samples

Figure 1. Site Plan
Figure 2. Post-Startup Indoor Air and Soil Vapor Sampling Results

Attachment A. Post-VMS Startup Field Sampling Logs
Attachment B. Post-VMS Startup Sampling Chemical Inventory Documentation
Attachment C. Post-VMS Startup Sampling Laboratory Data Sheets
Attachment D. Pre-VMS Startup Soil Vapor Sampling Locations
Attachment E. 2024 Inspection Report
Attachment F. 2025 Inspection Report

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Tables

Table 1 – Summary of Post-VMS Startup Analytical Results – Indoor and Ambient Air Samples

Table 2 – Summary of Post-VMS Startup Analytical Results – Sub-slab Soil Vapor Samples

Table 1. January 2024 Indoor and Ambient Air Results
UniFirst Corporation
Liverpool, NY
BCP Site No. 734152

		Sample Name	EPA BASE	NYSDOH	2001642-AA1	2001642-IA1	2001642-IA2	2001642-IA3	2001642-IA4	2001642-IA5	2001642-IA6	2001642-IA7	2001642-IA8
		Sample Date	P90	IA Guideline	1/17/2024	1/17/2024	1/17/2024	1/17/2024	1/17/2024	1/17/2024	1/17/2024	1/17/2024	1/17/2024
Analyte	**Units**	**CAS No.**	**Value**	**Value**									
BTEX	ug/m^3												
Benzene		71-43-2	9.4	--	**0.486**	**0.863**	**0.700**	**0.879**	**0.933**	**0.923**	**0.891**	**0.728**	0.319 U
Toluene		108-88-3	43.0	--	**0.384**	**7.76**	**9.35**	**26.4**	**25.2**	**17.3**	**16.3**	**9.65**	0.377 U
Ethylbenzene		100-41-4	5.7	--	0.087 U	**0.869**	0.087 U	**0.469**	**0.578**	**0.573**	**0.573**	**0.434**	0.087 U
o-Xylene		95-47-6	7.9	--	0.087 U	**1.14**	0.087 U	**0.612**	**0.751**	**0.669**	**0.717**	**0.547**	0.087 U
m/p-Xylene		179601-23-1	22.2	--	0.174 U	**3.58**	0.174 U	**1.58**	**1.93**	**1.71**	**1.78**	**1.39**	0.174 U
Other VOCs	ug/m^3												
Acetone		67-64-1	98.9	--	**3.82**	**20.9**	2.38 U	**18.7**	**20.3**	**17.1**	**20.3**	**23.8**	**2.57**
Allyl chloride (3-Chloropropene)		107-05-1	--	--	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzyl chloride		100-44-7	<6.8	--	0.518 U	0.518 U	0.518 U	0.518 U	0.518 U	0.518 U	0.518 U	0.518 U	0.518 U
Bromodichloromethane		75-27-4	--	--	0.134 U	**1.79**	**0.221**	**0.188**	0.134 U	0.134 U	**0.208**	0.134 U	0.134 U
Bromoform		75-25-2	--	--	0.207 U	0.207 U	0.207 U	0.207 U	0.207 U	0.207 U	0.207 U	0.207 U	0.207 U
Bromomethane		74-83-9	<1.7	--	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U	0.078 U
1,3-Butadiene		106-99-0	<3.0	--	0.044 U	**0.075**	**0.071**	**0.069**	**0.082**	0.044 U	**0.066**	**0.058**	0.044 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	--	--	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Carbon disulfide		75-15-0	4.2	--	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Carbon tetrachloride		56-23-5	<1.3	--	**0.459**	**0.472***	**0.434***	**0.428***	**0.459***	**0.44***	**0.447***	**0.453***	0.126 U
Chlorobenzene		108-90-7	<0.9	--	0.461 U	0.461 U	0.461 U	0.461 U	0.461 U	0.461 U	0.461 U	0.461 U	0.461 U
Chloroethane		75-00-3	<1.1	--	0.264 U	0.264 U	0.264 U	0.264 U	0.264 U	0.264 U	0.264 U	0.264 U	0.264 U
Chloroform (Trichloromethane)		67-66-3	1.1	--	**0.103**	**26.2**	**2.18**	**2.01**	**2.27**	**1.7**	**2.04**	**2.4**	0.098 U
Chloromethane		74-87-3	3.7	--	**1.21**	**1.34**	**1.62**	**1.27***	**1.27***	**1.25***	**1.24***	**1.26***	**1.21***
Cryofluorane (Freon 114)		76-14-2	--	--	0.349 U	0.349 U	0.349 U	0.349 U	0.349 U	0.349 U	0.349 U	0.349 U	0.349 U
Cyclohexane		110-82-7	--	--	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
Dibromochloromethane		124-48-1	--	--	0.17 U	**0.213**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
1,2-Dibromoethane (EDB)		106-93-4	<1.5	--	0.154 U	0.154 U	0.154 U	0.154 U	0.154 U	0.154 U	0.154 U	0.154 U	0.154 U
1,2-Dichlorobenzene (o-DCB)		95-50-1	<1.2	--	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,3-Dichlorobenzene (m-DCB)		541-73-1	<2.4	--	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
1,4-Dichlorobenzene (p-DCB)		106-46-7	5.5	--	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Dichlorodifluoromethane (Freon 12)		75-71-8	16.5	--	**2.33**	**2.35***	**2.31***	**2.29***	**2.31***	**2.34***	**2.32***	**2.34***	**2.3***
1,1-Dichloroethane		75-34-3	<0.7	--	0.081 U	0.081 U	0.081 U	0.081 U	**0.158**	0.081 U	0.081 U	0.081 U	0.081 U
1,2-Dichloroethane		107-06-2	<0.9	--	**0.081**	**0.093**	0.081 U	**0.085***	**0.081***	**0.081***	**0.097**	0.081 U	**0.089***
1,1-Dichloroethene		75-35-4	<1.4	--	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U
cis-1,2-Dichloroethene		156-59-2	<1.9	--	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U
trans-1,2-Dichloroethene		156-60-5	--	--	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	**1.21**
1,2-Dichloropropane		78-87-5	<1.6	--	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U	0.092 U
cis-1,3-Dichloropropene		10061-01-5	<2.3	--	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U
trans-1,3-Dichloropropene		10061-02-6	<1.3	--	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U	0.091 U
1,4-Dioxane		123-91-1	--	--	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Ethanol		64-17-5	210.0	--	9.42 U	**57.3**	9.42 U	**44.5**	**46.9**	**26.4**	**40.7**	**83.1**	9.42 U
Ethyl acetate		141-78-6	5.4	--	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
4-Ethyltoluene (p-Ethyltoluene)		622-96-8	3.6	--	0.098 U	**0.261**	0.098 U	**0.152**	**0.167**	**0.162**	**0.172**	**0.103**	0.098 U
n-Heptane (C7)		142-82-5	<3.6	--	0.82 U	**1.72**	0.82 U	**0.897**	**0.922**	**0.861**	**0.848**	0.82 U	0.82 U
1,3-Hexachlorobutadiene (C-46)		87-68-3	<6.8	--	0.533 U	0.533 U	0.533 U	0.533 U	0.533 U	0.533 U	0.533 U	0.533 U	0.533 U
n-Hexane (C6)		110-54-3	10.2	--	0.705 U	0.705 U	0.705 U	**0.772**	**0.863**	**0.789**	**0.726**	0.705 U	0.705 U
2-Hexanone		591-78-6	--	--	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U

Table 1. January 2024 Indoor and Ambient Air Results
UniFirst Corporation
Liverpool, NY
BCP Site No. 734152

Analyte	Units	CAS No.	EPA BASE P90 Value	NYSDOH IA Guideline Value	2001642-AA1 1/17/2024	2001642-IA1 1/17/2024	2001642-IA2 1/17/2024	2001642-IA3 1/17/2024	2001642-IA4 1/17/2024	2001642-IA5 1/17/2024	2001642-IA6 1/17/2024	2001642-IA7 1/17/2024	2001642-IA8 1/17/2024
Methyl ethyl ketone (2-Butanone)		78-93-3	12.0	--	1.47 U	**2.75**	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U
Methyl tert-butyl ether (MTBE)		1634-04-4	11.5	--	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		108-10-1	6.0	--	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
Methylene chloride		75-09-2	10.0	60	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
2-Propanol (Isopropyl Alcohol)		67-63-0	250.0	--	1.23 U	**2.9**	1.23 U	1.23 U	**1.29**	1.23 U	1.23 U	1.23 U	1.23 U
Styrene		100-42-5	1.9	--	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
1,1,2,2-Tetrachloroethane		79-34-5	--	--	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U
Tetrachloroethene (PCE)		127-18-4	15.9	30	0.136 U	**6.7**	**1.51**	**1.8**	**1.96**	**1.46**	**1.59**	**1.25**	0.136 U
Tetrahydrofuran		109-99-9	--	--	1.47 U	**8.94**	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	--	--	**0.483**	**0.483***	**0.46**	**0.475***	**0.483***	**0.491***	**0.491***	**0.475***	**0.475***
1,2,4-Trichlorobenzene		120-82-1	<6.8	--	0.371 U	0.371 U	0.371 U	0.371 U	0.371 U	0.371 U	0.371 U	0.371 U	0.371 U
1,1,1-Trichloroethane (TCA)		71-55-6	20.6	--	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U
1,1,2-Trichloroethane		79-00-5	<1.5	--	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U
Trichloroethene (TCE)		79-01-6	4.2	2	0.107 U	0.107 U	0.107 U	0.107 U	0.107 U	**0.156**	0.107 U	0.107 U	0.107 U
Trichlorofluoromethane (Freon 11)		75-69-4	18.1	--	**1.37**	**1.37***	**1.49***	**1.34***	**1.38***	**1.38***	**1.36***	**1.4***	**1.42***
1,2,4-Trimethylbenzene		95-63-6	9.5	--	0.098 U	**1.17**	0.098 U	**0.634**	**0.831**	**0.683**	**0.674**	**0.447**	0.098 U
1,3,5-Trimethylbenzene		108-67-8	3.7	--	0.098 U	**0.315**	0.098 U	**0.187**	**0.236**	**0.202**	**0.192**	**0.133**	0.098 U
2,2,4-Trimethylpentane (iso-Octane)		540-84-1	--	--	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
Vinyl bromide (Bromoethene)		593-60-2	--	--	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		75-01-4	<1.9	--	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U

Table 1. January 2024 Indoor Air Results
UniFirst Corporation
Liverpool, NY
BCP Site No. 734152

Notes:
Data for these sampling events have not been validated. Qualifiers are Lab Qualifiers.
Analytes in blue are not detected in any sample

ug/m^3 = micrograms per cubic meter
P90 = 90th percentile
BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
VOC = Volatile Organic Compound

CAS No. = Chemical Abstracts Service Number

Bolding indicates a detected result concentration
Shading indicates a detected result above the P90 EPA BASE or NYSDOH IA Guideline Value

* indicates an indoor air result that is within 10% of the ambient air result for the same compound, and therefore is considered consistent with background conditions

Laboratory Qualifiers:
U = The result was not detected above the reporting limit.

EPA BASE P90 = US Environmental Protection Agency 2001 building assessment and survey evaluation (BASE) 90th p

Table 2. January 2024 Sub-Slab Soil Vapor Results
UniFirst Corporation
Liverpool, NY
BCP Site No. 734152

		Sample Name	SSV1D	SSV3	SSV4	SSV5D	SSV6
		Sample Date	1/18/2024	1/17/2024	1/18/2024	1/18/2024	1/19/2024
Analyte	**Units**	**CAS No.**					
BTEX	ug/m^3						
Benzene		71-43-2	21.1 U	24.5 U	22 U	**27.5**	431 U
Toluene		108-88-3	24.9 U	**40.7**	25.9 U	26.2 U	509 U
Ethylbenzene		100-41-4	28.7 U	33.3 U	29.9 U	30.2 U	586 U
o-Xylene		95-47-6	28.7 U	33.3 U	29.9 U	30.2 U	586 U
m/p-Xylene		179601-23-1	57.3 U	66.5 U	59.9 U	60.4 U	1170 U
Other VOCs	ug/m^3						
Acetone		67-64-1	**123**	**1710**	**741**	**456**	**12500**
Allyl chloride (3-Chloropropene)		107-05-1	20.7 U	24 U	21.5 U	21.8 U	423 U
Benzyl chloride		100-44-7	34.2 U	39.7 U	35.6 U	36 U	699 U
Bromodichloromethane		75-27-4	44.3 U	51.3 U	46.1 U	46.6 U	904 U
Bromoform		75-25-2	68.3 U	79.2 U	71.1 U	72 U	1400 U
Bromomethane		74-83-9	25.7 U	29.7 U	26.7 U	27 U	524 U
1,3-Butadiene		106-99-0	14.6 U	16.9 U	15.2 U	15.4 U	299 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	50 U	57.9 U	52.1 U	52.7 U	1020 U
Carbon disulfide		75-15-0	20.6 U	23.9 U	21.4 U	21.7 U	420 U
Carbon tetrachloride		56-23-5	41.6 U	48.2 U	43.3 U	43.8 U	849 U
Chlorobenzene		108-90-7	30.4 U	35.3 U	31.7 U	32.1 U	622 U
Chloroethane		75-00-3	17.4 U	20.2 U	18.2 U	18.4 U	356 U
Chloroform (Trichloromethane)		67-66-3	32.3 U	37.4 U	33.6 U	34 U	659 U
Chloromethane		74-87-3	13.6 U	15.8 U	14.2 U	14.4 U	279 U
Cryofluorane (Freon 114)		76-14-2	46.2 U	53.5 U	48.1 U	48.6 U	944 U
Cyclohexane		110-82-7	22.8 U	26.4 U	23.7 U	**29.9**	465 U
Dibromochloromethane		124-48-1	56.3 U	65.3 U	58.6 U	59.3 U	1150 U
1,2-Dibromoethane (EDB)		106-93-4	50.8 U	58.9 U	52.9 U	53.5 U	1040 U
1,2-Dichlorobenzene (o-DCB)		95-50-1	39.7 U	46.1 U	41.4 U	41.8 U	812 U
1,3-Dichlorobenzene (m-DCB)		541-73-1	39.7 U	46.1 U	41.4 U	41.8 U	812 U
1,4-Dichlorobenzene (p-DCB)		106-46-7	39.7 U	46.1 U	41.4 U	41.8 U	812 U
Dichlorodifluoromethane (Freon 12)		75-71-8	32.7 U	37.9 U	34 U	34.4 U	668 U
1,1-Dichloroethane		75-34-3	26.8 U	31 U	27.8 U	28.2 U	546 U
1,2-Dichloroethane		107-06-2	26.8 U	31 U	27.8 U	28.2 U	546 U
1,1-Dichloroethene		75-35-4	26.2 U	30.4 U	27.3 U	27.6 U	535 U
cis-1,2-Dichloroethene		156-59-2	26.2 U	30.4 U	27.3 U	27.6 U	535 U
trans-1,2-Dichloroethene		156-60-5	26.2 U	30.4 U	27.3 U	27.6 U	535 U
1,2-Dichloropropane		78-87-5	30.5 U	35.4 U	31.8 U	32.2 U	624 U
cis-1,3-Dichloropropene		10061-01-5	30 U	34.8 U	31.2 U	31.6 U	613 U
trans-1,3-Dichloropropene		10061-02-6	30 U	34.8 U	31.2 U	31.6 U	613 U
1,4-Dioxane		123-91-1	23.8 U	27.6 U	24.8 U	25.1 U	486 U
Ethanol		64-17-5	**18700**	**4330**	**3050**	**29600**	**13000**
Ethyl acetate		141-78-6	59.5 U	68.8 U	62 U	62.7 U	1220 U
4-Ethyltoluene (p-Ethyltoluene)		622-96-8	32.5 U	37.7 U	33.8 U	34.2 U	664 U
n-Heptane (C7)		142-82-5	27.1 U	31.4 U	28.2 U	28.5 U	553 U
1,3-Hexachlorobutadiene (C-46)		87-68-3	70.5 U	81.7 U	73.4 U	74.2 U	1440 U
n-Hexane (C6)		110-54-3	23.3 U	27 U	24.2 U	24.5 U	476 U
2-Hexanone		591-78-6	27.1 U	31.4 U	28.2 U	28.5 U	553 U
Methyl ethyl ketone (2-Butanone)		78-93-3	**164**	**3630**	**2630**	**631**	**41600**
Methyl tert-butyl ether (MTBE)		1634-04-4	23.8 U	27.6 U	24.8 U	25.1 U	487 U
4-Methyl-2-pentanone (MIBK)		108-10-1	67.6 U	78.3 U	70.5 U	71.3 U	1390 U
Methylene chloride		75-09-2	57.3 U	66.4 U	59.8 U	60.4 U	1170 U
2-Propanol (Isopropyl Alcohol)		67-63-0	**681**	**137**	**88.2**	**961**	831 U
Styrene		100-42-5	28.1 U	32.6 U	29.3 U	29.6 U	575 U
1,1,2,2-Tetrachloroethane		79-34-5	45.4 U	52.6 U	47.2 U	47.8 U	927 U
Tetrachloroethene (PCE)		127-18-4	44.8 U	51.9 U	46.7 U	**139**	915 U
Tetrahydrofuran		109-99-9	**354**	**6930**	**4220**	**1100**	**111000**
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	50.7 U	58.7 U	52.7 U	53.3 U	1030 U
1,2,4-Trichlorobenzene		120-82-1	49.1 U	56.9 U	51.1 U	51.7 U	1000 U
1,1,1-Trichloroethane (TCA)		71-55-6	36.1 U	41.8 U	37.5 U	38 U	737 U
1,1,2-Trichloroethane		79-00-5	36.1 U	41.8 U	37.5 U	38 U	737 U
Trichloroethene (TCE)		79-01-6	35.5 U	41.2 U	37 U	37.4 U	726 U
Trichlorofluoromethane (Freon 11)		75-69-4	37.1 U	43 U	38.7 U	39.1 U	759 U
1,2,4-Trimethylbenzene		95-63-6	32.5 U	37.7 U	33.8 U	34.2 U	**865**
1,3,5-Trimethylbenzene		108-67-8	32.5 U	37.7 U	33.8 U	34.2 U	664 U
2,2,4-Trimethylpentane (iso-Octane)		540-84-1	30.9 U	35.8 U	32.1 U	**46.3**	631 U
Vinyl bromide (Bromoethene)		593-60-2	28.9 U	33.5 U	30.1 U	30.4 U	590 U
Vinyl chloride		75-01-4	16.9 U	19.6 U	17.6 U	17.8 U	345 U

Table 2. January 2024 Sub-Slab Soil Gas Results
UniFirst Corporation
Liverpool, NY
BCP Site N0. 734152

Notes:
Data for these sampling events have not been validated. Qualifiers are Lab Qualifiers.
Analytes in blue are not detected in any sample

ug/m^3 = micrograms per cubic meter

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
VOC = Volatile Organic Compound

CAS No. = Chemical Abstracts Service Number

Bolding indicates a detected result concentration

Laboratory Qualifiers:
U = The result was not detected above the reporting limit.

Figures

Figure 1 – Site Plan

Figure 2 – Post-Startup Air Sampling Results



SOURCES:

1. LOCATION OF GEI WELLS INSTALLED IN 2023 WERE SURVEYED BY WARREN RAMIE SURVEYING ON 11/10/2023.
2. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-2 REV. 12 DATED 07.05.22. AND L2.1 REV 4 DATED 11.05.19 . PREPARED BY KEPLINGER FREEMAN ASSOCIATES.
3. SURVEY OF PROPERTIES SOUTH OF SITE BY WARREN RAMIE, PROVIDED IN A FILE NAMED "WRS 7th North Street Boundary 08.15.23.dwg".
4. NEARMAP AERIAL ©2024 NEARMAP, IMAGERY DATED 05/07/2024, ACCESSED ON 08/15/2024.

0 60 120

SCALE: 1" = 60'

LEGEND:

- 86-02-02.1 — TAX ID (MAP - BLOCK - LOT)
- SOIL VAPOR SAMPLING POINT
- MONITORING WELL BY GEI
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- MONITORING WELL (DECOMMISSIONED)
- TEMPORARY WELL (DECOMMISSIONED)
- STACK ACCESS (AT FLOOR PENETRATION)
- ROOF-MOUNTED BLOWER
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTE:

ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.

VI Results Summary
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE PLAN

Project 2001642 | June 2025 | Fig. 1

---- B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\VIRM\1_2001642_VIRM_SAMP.dwg - 4/30/2025

Ambient	AA1
PCE	0.136 U
TCE	0.107 U
cis-1,2-DCE	0.079 U
trans-1,2-DCE	0.079 U
VC	0.051 U

MP-3	IA3	SSV3
PCE	1.8	51.9 U
TCE	0.107 U	41.2 U
cis-1,2-DCE	0.079 U	30.4 U
trans-1,2-DCE	0.079 U	30.4 U
VC	0.051 U	19.6 U

MP-2	IA2
PCE	1.51
TCE	0.107 U
cis-1,2-DCE	0.079 U
trans-1,2-DCE	0.079 U
VC	0.051 U

MP-4	IA4	SSV4
PCE	1.96	46.7 U
TCE	0.107 U	37 U
cis-1,2-DCE	0.079 U	27.3 U
trans-1,2-DCE	0.079 U	27.3 U
VC	0.051 U	17.6 U

MP-1	IA1	SSV1D
PCE	6.7	44.8 U
TCE	0.107 U	35.5 U
cis-1,2-DCE	0.079 U	26.2 U
trans-1,2-DCE	0.079 U	26.2 U
VC	0.051 U	16.9 U

MP-5	IA5	SSV5D
PCE	1.46	139
TCE	0.156	37.4 U
cis-1,2-DCE	0.079 U	27.6 U
trans-1,2-DCE	0.079 U	27.6 U
VC	0.051 U	17.8 U

MP-6	IA6	SSV6
PCE	1.59	915 U
TCE	0.107 U	726 U
cis-1,2-DCE	0.079 U	535 U
trans-1,2-DCE	0.079 U	535 U
VC	0.051 U	345 U

MP-7	IA7
PCE	1.25
TCE	0.107 U
cis-1,2-DCE	0.079 U
trans-1,2-DCE	0.079 U
VC	0.051 U

MP-8	IA8
PCE	0.136 U
TCE	0.107 U
cis-1,2-DCE	0.079 U
trans-1,2-DCE	1.21
VC	0.051 U

PROPERTY BOUNDARY
AA
DEMOLISHED
DEMOLISHED
DEMOLISHED
ESTIMATED SITE BOUNDARY
LUTHER AVENUE
OLD 7TH NORTH STREET
7TH NORTH STREET
MP1S/D
MP2S/D
MP3
MP4
MP5S/D
MP6
MP7
MP8S/D
PHASE 1
PHASE 2
DEMOLISHED (FORMER LAUNDRY FACILITY BUILDING)

LEGEND:

- AMBIENT (OUTDOOR) AIR SAMPLING POINT
- SOIL VAPOR SAMPLING POINT
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTES:

1. "SSV" DESIGNATED IDs ARE SUB-SLAB SOIL VAPOR SAMPLES. "IA" DESIGNATED IDs ARE INDOOR AIR SAMPLES. (INDOOR AIR SAMPLES WERE COLLECTED AT BREATHING HEIGHT, CO-LOCATED WITH THE SOIL VAPOR SAMPLES.)
2. RESULTS ARE REPORTED IN µg/m^3.
3. SAMPLES WERE COLLECTED ON JANUARY 17 & 18, 2024.
4. PCE = TETRACHLOROETHENE.
5. TCE = TRICHLOROETHENE.
6. DCE = DICHLOROETHENE.
7. VC = VINYL CHLORIDE.
8. CVOC RESULTS ARE SUMMARIZED ON THIS FIGURE BECAUSE THEY ARE THE PRIMARY SITE CONSTITUENTS OF CONCERN. OTHER VOCS WERE DETECTED IN CERTAIN SAMPLES. REFER TO THE VI DATA TABLES.
9. ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.

SOURCES:

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0 60 120

SCALE: 1" = 60'

VI Results Summary
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

POST-STARTUP INDOOR AIR AND SOIL VAPOR SAMPLING RESULTS

Project 2001642 | June 2025 | Fig. 2

---- B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\VIRM\2_2001642_VIRM_AIR.dwg - 5/8/2025

Attachment A Field Sampling Logs

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: AA-1

Sample ID: 2001642-AA-1

Date: 1/17/24

Sampling personnel: MF, JD, AJ

Summa Canister ID: 3441

Flow Regulator ID: 01743

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0850

Sampling Finish Time: 1648_____

During Sampling	
Time	**Vacuum**
1241	**-17.86**
1458	**-10.27**

Did Summa canister go to ambient pressure? Yes / No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.97 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -4.41 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	12	19
Barometric Pressure (in. Hg):	29.53	29.53
Prevailing Wind Direction:	WSW	SW
General Weather Conditions:	CLEAR	CLEAR

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	12	19
Barometric Pressure (in. Hg):	29.53	29.53

PID readings at sample location (ppb): 0

Photographs taken before sampling? Yes / No **If Yes, what time: 0850 Taken by:** _____

Photographs taken after sampling? Yes / No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? Yes / No **If yes, how long?**

Windows open? Yes / No **Ventilation fans?** Yes / No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / No

Were any of the ~~residents home~~ during sampling? Yes / No **If yes, provide detail:** Sampling performed during regular working hours, with laundry fully operational

Did any of the occupants NOT follow instruction for residents? Yes / No **If yes, describe below:**

N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 34".

Basement Ceiling Height (to joists): Front _____**; Back**_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: IA1

Sample ID: 2001642-IA1

Date: 1/17/24

Sampling personnel: MD, JD, AJ

Summa Canister ID: 3185

Flow Regulator ID: 01601

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0817

Sampling Finish Time: 1617

During Sampling	
Time	**Vacuum**
858	**-27.37**
1238	**-15.96**
1445	**-9.4**

Did Summa canister go to ambient pressure? Yes / (No)

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller:-29.89 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -5.13 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	15	19
Barometric Pressure (in. Hg):	29.9	29.53
Prevailing Wind Direction:	WSW	SW
General Weather Conditions:	CLEAR	CLEAR

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	72	72
Barometric Pressure (in. Hg):	29.5	29.5

PID readings at sample location (ppb): 0

Photographs taken before sampling? (Yes) / No **If Yes, what time: 0817 Taken by: JD**

Photographs taken after sampling? Yes / (No) **If Yes, what time: _____ Taken by: _____**

Was the building aired out prior to sample collection? Yes / (No) **If yes, how long?**

Windows open? Yes / (No) **Ventilation fans?** Yes / (No)

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / (No)

Were any of the ~~residents home~~ during sampling? (Yes) / No **If yes, provide detail: Workers were present in the building for sampling.**

Did any of the occupants NOT follow instruction for residents? Yes / (No) **If yes, describe below:**

N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 50"

Basement Ceiling Height (to joists): Front n/a Back n/a

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: IA2

Sample ID: 2001642-IA2

Date: 01/17/24

Sampling personnel: MF, JD, AJ

Summa Canister ID: 2734

Flow Regulator ID: 02009

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0827

Sampling Finish Time: 1627

During Sampling	
Time	**Vacuum**
909	**-27.74**
1234	**-16.87**
1451	**-9.97**

Did Summa canister go to ambient pressure? Yes / (No)

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.52 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -5.4 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	15	19
Barometric Pressure (in. Hg):	29.9	29.53
Prevailing Wind Direction:	WSW	SW
General Weather Conditions:	CLEAR	CLEAR

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	65	65
Barometric Pressure (in. Hg):	29.5	29.5

PID readings at sample location (ppb): 0

Photographs taken before sampling? (Yes) / No **If Yes, what time: 0827 Taken by: JD**

Photographs taken after sampling? Yes / (No) **If Yes, what time: _____ Taken by: _____**

Was the building aired out prior to sample collection? Yes / (No) **If yes, how long?**

Windows open? Yes / (No) **Ventilation fans?** Yes / (No)

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / (No)

Were any of the ~~residents home~~ during sampling? (Yes) / No **If yes, provide detail: Workers were present in the building for sampling.**

Did any of the occupants NOT follow instruction for residents? Yes / (No) **If yes, describe below:**

N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 80"

Basement Ceiling Height (to joists): Front _____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: IA-3

Sample ID: 2001642-IA3

Date: 01/17/24

Sampling personnel: MF, JD, AJ

Summa Canister ID: 3431

Flow Regulator ID: 02211

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0838

Sampling Finish Time: 1619

During Sampling	
Time	**Vacuum**
920	**-27.44**
1231	**-16.64**
1452	**-8.56**

Did Summa canister go to ambient pressure? Yes / (No)

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.77 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -3.24 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	15	19
Barometric Pressure (in. Hg):	29.9	29.53
Prevailing Wind Direction:	WSW	SW
General Weather Conditions:	CLEAR	CLEAR

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	60	60
Barometric Pressure (in. Hg):	29.5	29.5

PID readings at sample location (ppb): 0

Photographs taken before sampling? (Yes) / No **If Yes, what time: 0838 Taken by: _____**

Photographs taken after sampling? Yes / (No) **If Yes, what time: _____ Taken by: _____**

Was the building aired out prior to sample collection? Yes / (No) **If yes, how long?**

Windows open? Yes / (No) **Ventilation fans?** Yes / (No)

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / (No)

Were any of the ~~residents home~~ during sampling? (Yes) / No **If yes, provide detail: Workers were present in the building for sampling.**

Did any of the occupants NOT follow instruction for residents? Yes / (No) **If yes, describe below:**
N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 61"
Basement Ceiling Height (to joists): Front n/a Back n/a

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: IA4

Sample ID: 2001642-IA4

Date: 01/17/24

Sampling personnel: MF, JD, AJ

Summa Canister ID: 2076

Flow Regulator ID: 01501

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0829

Sampling Finish Time: 1629

During Sampling	
Time	**Vacuum**
917	**-27.15**
1233	**-16.8**
1450	**-9.7**

Did Summa canister go to ambient pressure? Yes / No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.89 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -4.38 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	15	19
Barometric Pressure (in. Hg):	29.9	29.53
Prevailing Wind Direction:	WSW	SW
General Weather Conditions:	CLEAR	CLEAR

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	65	65
Barometric Pressure (in. Hg):	29.5	29.5

PID readings at sample location (ppb): 0

Photographs taken before sampling? Yes / No **If Yes, what time: 0829 Taken by: _____**

Photographs taken after sampling? Yes / No **If Yes, what time: _____ Taken by: _____**

Was the building aired out prior to sample collection? Yes / No **If yes, how long?**

Windows open? Yes / No **Ventilation fans?** Yes / No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / No

Were any of the ~~residents home~~ during sampling? Yes / No **If yes, provide detail: Workers were present in the building for sampling.**

Did any of the occupants NOT follow instruction for residents? Yes / No **If yes, describe below:**

N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 72"

Basement Ceiling Height (to joists): Front n/a Back n/a

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: IA5

Sample ID: 2001642-IA5

Date: 01/17/24

Sampling personnel: MF, JD, AJ

Summa Canister ID: 2736

Flow Regulator ID: 2151

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0836

Sampling Finish Time: 1636

During Sampling	
Time	**Vacuum**
919	**-27.53**
1262	**-17.27**
1451	**-10.03**

Did Summa canister go to ambient pressure? Yes / (No)

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.71 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -4.68 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	**15**	**19**
Barometric Pressure (in. Hg):	**29.9**	**29.53**
Prevailing Wind Direction:	**WSW**	**SW**
General Weather Conditions:	**CLEAR**	**CLEAR**

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	65	65
Barometric Pressure (in. Hg):	29.5	29.5

PID readings at sample location (ppb): 0

Photographs taken before sampling? (Yes) / No **If Yes, what time: 0836 Taken by: JD**

Photographs taken after sampling? Yes / (No) **If Yes, what time: _____ Taken by: _____**

Was the building aired out prior to sample collection? Yes / (No) **If yes, how long?**

Windows open? Yes / (No) **Ventilation fans?** Yes / (No)

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / (No)

Were any of the ~~residents home~~ during sampling? (Yes) / No **If yes, provide detail: Workers were present in the building for sampling.**

Did any of the occupants NOT follow instruction for residents? Yes / (No) **If yes, describe below:**

N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 50"

Basement Ceiling Height (to joists): Front n/a Back n/a

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: IA6

Sample ID: 2001642-IA6

Date: 01/17/24

Sampling personnel: MF, JD, AJ

Summa Canister ID: 2028

Flow Regulator ID: 01888

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0824

Sampling Finish Time: 1624

During Sampling	
Time	**Vacuum**
902	**-27.8**
1235	**-16.9**
1448	**-10.12**

Did Summa canister go to ambient pressure? Yes / No (No)

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.75 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -5.37 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	15	19
Barometric Pressure (in. Hg):	29.9	29.53
Prevailing Wind Direction:	WSW	SW
General Weather Conditions:	CLEAR	CLEAR

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	65	65
Barometric Pressure (in. Hg):	29.5	29.5

PID readings at sample location (ppb): 0

Photographs taken before sampling? Yes / No (Yes) **If Yes, what time: 0824 Taken by: JD**

Photographs taken after sampling? Yes / No (No) **If Yes, what time: _____ Taken by: _____**

Was the building aired out prior to sample collection? Yes / No (No) **If yes, how long?**

Windows open? Yes / No (No) **Ventilation fans?** Yes / No (No)

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / No (No)

Were any of the ~~residents home~~ during sampling? Yes / No (Yes) **If yes, provide detail: Workers were present in the building for sampling.**

Did any of the occupants NOT follow instruction for residents? Yes / No (No) **If yes, describe below:**

N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 48"

Basement Ceiling Height (to joists): Front n/a Back n/a

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: IA7

Sample ID: 2001642-IA7

Date: 0/17/24

Sampling personnel: MF, JD, AJ

Summa Canister ID: 3099

Flow Regulator ID: 0286

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0821

Sampling Finish Time: 1621

During Sampling	
Time	**Vacuum**
900	**-27.75**
1235	**-16.55**
1447	**-9.87**

Did Summa canister go to ambient pressure? Yes / (No)

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.97 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -5.57 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	15	19
Barometric Pressure (in. Hg):	29.9	29.53
Prevailing Wind Direction:	WSW	SW
General Weather Conditions:	CLEAR	CLEAR

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	65	65
Barometric Pressure (in. Hg):	29.5	29.5

PID readings at sample location (ppb): 0

Photographs taken before sampling? (Yes) / No **If Yes, what time: 0821 Taken by: JD**

Photographs taken after sampling? Yes / (No) **If Yes, what time: _____ Taken by: _____**

Was the building aired out prior to sample collection? Yes / (No) **If yes, how long?**

Windows open? Yes / (No) **Ventilation fans?** Yes / (No)

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / (No)

Were any of the ~~residents home~~ during sampling? (Yes) / No **If yes, provide detail: Workers were present in the building for sampling.**

Did any of the occupants NOT follow instruction for residents? Yes / (No) **If yes, describe below:**

N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 50"

Basement Ceiling Height (to joists): Front n/a Back n/a

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: IA8

Sample ID: 2001642-IA8

Date: 01/17/24

Sampling personnel: MF, JD, AJ

Summa Canister ID: 2855

Flow Regulator ID: 01492

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0843

Sampling Finish Time: 1643

During Sampling	
Time	**Vacuum**
924	**-27.60**
1236	**-18.56**
1454	**-12.23**

Did Summa canister go to ambient pressure? Yes / No (No)

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.76 in. Hg

Pressure gauge reading (After sample collected): Flow Controller: -7.2 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	15	19
Barometric Pressure (in. Hg):	29.9	29.53
Prevailing Wind Direction:	WSW	SW
General Weather Conditions:	CLEAR	CLEAR

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	72	72
Barometric Pressure (in. Hg):	29.5	29.5

PID readings at sample location (ppb): 0

Photographs taken before sampling? Yes / No (Yes) **If Yes, what time: 0843 Taken by: JD**

Photographs taken after sampling? Yes / No (No) **If Yes, what time: _____ Taken by: _____**

Was the building aired out prior to sample collection? Yes / No (No) **If yes, how long?**

Windows open? Yes / No (No) **Ventilation fans?** Yes / No (No)

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes / No (No)

Were any of the ~~residents home~~ during sampling? Yes / No (Yes) **If yes, provide detail: Workers were present in the building for sampling.**

Did any of the occupants NOT follow instruction for residents? Yes / No (No) **If yes, describe below:**

N/A - generally unable to modify work practices/typical laundry operation during sampling

Air intake at 70"

Basement Ceiling Height (to joists): Front n/a Back n/a

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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SUB-SLAB SAMPLING CHECKLIST

Sampling Location: MP1D

Sample ID: SSV1

Date: 01/18/24

Sampling personnel: ~~S.Irani~~ AR

Summa Canister ID: 2277

Flow Regulator ID: 02169

Sample Type / Analysis Method: SUMMA/TO-15&APH

Sampling Start Time: 1112

Sampling Finish Time: 1212

Did Summa Canister go to ambient pressure? No

Pressure gauge reading (Pre-opening): Flow Controller: -29.32 in.Hg

Pressure gauge reading (After sample collected): Flow Controller: -2.99 in.Hg

During Sampling		
Time	Vacuum	Helium (%)*
1122	-29.81	12.0
1132	-20.56	18.0
1142	-16.00	12.7
1152	-11.64	11.3
1202	-7.07	13.2
~~1212~~	~~-2.99~~	
1212	2.99	10.1

*Percentage of Helium in bowl surrounding point

Environmental Conditions (Outside):

	Before Sampling	After Sampling
Temperature:	23°F	23°F
Barometric Pressure:	30.08 in	30.05 in
Prevailing Wind Direction:	N 6 mph	N 6 mph
General Weather Conditions:	cloudy	cloudy

Photographs taken before sampling? Y **If Yes, what time:** 1112 **Taken by:** JD

Vacuum prior to sampling (in. WC): -0.35

Ambient air concentration (ppb): 0

Soil gas concentration prior to sampling (ppm): 0.1

Vapor point purged for 5 **min with a MiniRAE (500-600 cc/min) prior to sampling.**

Comments:

Before sampling: Bowl 15.1% He, Sample port 0% He.

After sampling: Bowl 10.1% He, Sample port 6800 ppm He.

6800ppm=0.68%.

According to NYDOH protocol, the tracer test is passed if the concentration of the tracer gas in the sample port is less than 10% of the concentration of the tracer gas in the bowl. This test passes because the tracer test limit is 1.0% and the sample port reading is 0.68%.

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SUB-SLAB SAMPLING CHECKLIST

Sampling Location: MP-3

Sample ID: ~~SSV-3~~ SSV3

Date: 01/17/29

Sampling personnel: ~~S Trant~~ MD, JD, AT

Summa Canister ID: 465

Flow Regulator ID: 02126

Sample Type / Analysis Method: SUMMA/TO-15&APH

Sampling Start Time: 1216

Sampling Finish Time: 1300

Did Summa Canister go to ambient pressure? N

Pressure gauge reading (Pre-opening): Flow Controller: -29.43 in.Hg

Pressure gauge reading (After sample collected): Flow Controller: -2.0 in.Hg

During Sampling		
Time	Vacuum	Helium (%)*
1226	-21.03	9.0 9.4
12:36	-16.24	12.4
12:45	-11.30	7.1
12:55	-5.4	8.0
13 00	-2.0	16.0

*Percentage of Helium in bowl surrounding point

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	18.0	18.0
Barometric Pressure:	29.53	29.53
Prevailing Wind Direction:	SW	SW
General Weather Conditions:	clear	clear

Photographs taken before sampling? Y **If Yes, what time:** 1216 **Taken by:** JD

Vacuum prior to sampling (in. WC): -8

Ambient air concentration (~~ppm~~ PPB): -0.93

Soil gas concentration prior to sampling (ppm): 0 ppm

Vapor point purged for 3 **min with a MiniRAE (500-600 cc/min) prior to sampling.**

Comments:
Before sampling: Bowl 18.7% He, Sample port 0 He.
After sampling: Bowl 10.0% He, Sample port 0% He.

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SUB-SLAB SAMPLING CHECKLIST

Sampling Location: MP4

Sample ID: 3314

Date: 01/18/24

Sampling personnel: S. Trant JD

Summa Canister ID: 444

Flow Regulator ID: 0809

Sample Type / Analysis Method: SUMMA/TO-15&APH

Sampling Start Time: 1539

Sampling Finish Time: 1439 AD 1639

Did Summa Canister go to ambient pressure? (No)

Pressure gauge reading (Pre-opening): Flow Controller: -29.76 in.Hg

Pressure gauge reading (After sample collected): Flow Controller: -3.74 in.Hg

During Sampling		
Time	Vacuum	Helium (%)*
1549	-25.54	13.5
1559	-21.42	10.4
1609	-17.08	10.0
1619	-12.67	11.6
1629	-8.7	11.2
1439	-3.74	8.5

*Percentage of Helium in bowl surrounding point

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	26°F	46°F
Barometric Pressure:	30.03	30.03
Prevailing Wind Direction:	N, 3 mph	N, 3 mph
General Weather Conditions:	cloudy	cloudy

Photographs taken before sampling? Y **If Yes, what time:** 1539 **Taken by:** JD

Vacuum prior to sampling (in. WC): -0.64

Ambient air concentration (ppb): 0

Soil gas concentration prior to sampling (ppm): 0

Vapor point purged for 5 **min with a MiniRAE (500-600 cc/min) prior to sampling.**

Comments:

Before sampling: Bowl 8.5% He, Sample port 0% He.

After sampling: Bowl 8.5% He, Sample port 0% He.

Revised 8 Jan 2013

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SUB-SLAB SAMPLING CHECKLIST

Sampling Location: ~~MP1~~ MP5D

Sample ID: 7SV5

Date: 01/18/24 ~~MF~~ JD AF

Sampling personnel: ~~S.Trant~~

Summa Canister ID: ~~4238~~ 290

Flow Regulator ID: 01132

Sample Type / Analysis Method: SUMMA/TO-15&APH

Sampling Start Time: 0908

Sampling Finish Time: 0951

Did Summa Canister go to ambient pressure? (No)

Pressure gauge reading (Pre-opening): Flow Controller: -27.60 in.Hg

Pressure gauge reading (After sample collected): Flow Controller: -1.50 in.Hg

During Sampling		
Time	Vacuum	Helium (%)*
0918	-23.52	13.1
0928	-16.79	10.1
0938	-10.09	10.0 **
0948	-3.04	12.4
0951	-1.50	10.2

*Percentage of Helium in bowl surrounding point

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	20°F	20°F
Barometric Pressure:	30.08	30.08
Prevailing Wind Direction:	N 2mph	N 2mph
General Weather Conditions:	clear	clear

Photographs taken before sampling? Y **If Yes, what time:** 0908 **Taken by:** JD

Vacuum prior to sampling (in. WC): -0.80

Ambient air concentration (ppb): 0

Soil gas concentration prior to sampling (ppm): 0

Vapor point purged for 5 **min with a MiniRAE (500-600 cc/min) prior to sampling.**

Comments:

Before sampling: Bowl 10.8% He, Sample port 0% He.

After sampling: Bowl 10.2% He, Sample port 0% He.

** Added more helium; atm increased to ~25.0% He, vented for ~10 min

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SUB-SLAB SAMPLING CHECKLIST

Sampling Location: MP6

Sample ID: 33V6

Date: 01/19/24

Sampling personnel: ~~S.Trant~~ JD AT

Summa Canister ID: 3017

Flow Regulator ID: 01523

Sample Type / Analysis Method: SUMMA/TO-15&APH

Sampling Start Time: 1015

Sampling Finish Time: 1115

Did Summa Canister go to ambient pressure? (No)

Pressure gauge reading (Pre-opening): Flow Controller: -29.50 in.Hg

Pressure gauge reading (After sample collected): Flow Controller: -3.00 in.Hg

During Sampling		
Time	Vacuum	Helium (%)*
1025	-24.88	18.0
1035	-20.96	16.4
1045	-16.57	14.0
1055	-12.03	12.6
1105	-7.50	11.3
1115	-3.00	16.0

*Percentage of Helium in bowl surrounding point

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature:	23°F	23°F
Barometric Pressure:	29.93	29.93
Prevailing Wind Direction:	W	N
General Weather Conditions:	cloudy	cloudy

Photographs taken before sampling? Y **If Yes, what time:** 1015 **Taken by:** JD

Vacuum prior to sampling (in. WC): 0.03

Ambient air concentration (ppb): 0

Soil gas concentration prior to sampling (ppm): ~~1.2~~ 1.2

Vapor point purged for 5 **min with a MiniRAE (500-600 cc/min) prior to sampling.**

Comments:

Before sampling: Bowl 15% He, Sample port 0% He.

After sampling: Bowl 11% He, Sample port 0.5% He.

5000 ppm

5000ppm=0.5%.

According to NYDOH protocol, the tracer test is passed if the concentration of the tracer gas in the sample port is less than 10% of the concentration of the tracer gas in the bowl. This test passes because the tracer test limit is 1.1% and the sample port reading is 0.5%.

Revised 8 Jan 2013

Attachment B Chemical Inventory Documentation

Chemical Inventory

The following products were identified in the UniFirst Laundry Facility during the chemical inventory conducted by GEI on January 17, 2024 in support of the simultaneous vapor sampling event.

Shop/Garage Room

- Aerosol lubricant
- Formula 777 EC weed killer
- Rotella T1 diesel motor oil
- Muriatic acid
- O'Reilly windshield washer fluid
- MC-10 sanitizer
- Shell Rotella T6 full synthetic motor oil
- PVC primer
- CPVC primer
- Interior paint
- Pipe thread sealant
- Gasket maker
- Silicone lubricant
- Rustoleum PB Blaster
- Chain and cable lubricant
- JB Weld blue silicone
- Pneumatic oil
- Gorilla Glue
- Anti-freeze lubricant
- Unspecified oil
- Sigma M-460 Lubricant

Boiler Room

- Chem Aqua 10270
- Chem Aqua 13140
- Chem Aqua 18102
- Chem Aqua 13140
- Chem Aqua 13096
- Gasoline

Wastewater Room

- Neave
- PVC Primer
- Cleanoform

Wastewater Room (Ctd)

- Spray paint
- Motor oil
- Acrylic paint
- Epoxy
- Battery terminal cleaner
- Silicone spray
- Flocculant mix tank
- Enamel spray
- Slick rail cleaner and wax
- Caulk
- Acetone
- Glass cleaner
- Primer
- Enamel spray paint
- Lubricant
- Interior paint
- Hydraulic cement
- Crimsonchlor chlorinated solution
- Hi-vis pro 3265
- Pinnacle liquid antichlor
- Motion high performance neutral pH laundry detergent
- Perteut UN3109
- Express Alkali

Main Room

- 10 MC 10 Sanitizer
- Disinfectant
- Bathroom cleaner
- Food service degreaser
- Glass & Surface cleaner
- Disinfectant – Virucide
- Bio-Powder
- Gojo scrubbing towels
- Aerosol air freshener
- Assorted interior paint

Attachment C Laboratory Data Sheets

ANALYTICAL REPORT

Lab Number:	L2403441
Client:	GEI Consultants, Inc., P.C. 1301 Trumansburg Road Suite N Ithaca, NY 14850
ATTN:	Wendy Moore
Phone:	(607) 216-8966
Project Name:	UNIFIRST - LIVERPOOL
Project Number:	2001642
Report Date:	01/31/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2403441-01	SSV3	SOIL_VAPOR	LIVERPOOL, NY	01/17/24 13:00	01/19/24
L2403441-02	SSV5D	SOIL_VAPOR	LIVERPOOL, NY	01/18/24 09:51	01/19/24
L2403441-03	SSV1D	SOIL_VAPOR	LIVERPOOL, NY	01/18/24 12:12	01/19/24
L2403441-04	SSV4	SOIL_VAPOR	LIVERPOOL, NY	01/18/24 16:39	01/19/24
L2403441-05	SSV6	SOIL_VAPOR	LIVERPOOL, NY	01/19/24 11:15	01/19/24
L2403441-06	UNUSED CAN #2245	SOIL_VAPOR	LIVERPOOL, NY	01/19/24 11:15	01/19/24
L2403441-07	UNUSED CAN #421	SOIL_VAPOR	LIVERPOOL, NY	01/19/24 11:15	01/19/24

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403441
Project Number:	2001642	**Report Date:**	01/31/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403441
Project Number:	2001642	**Report Date:**	01/31/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 10, 2024. The canister certification data is provided as an addendum.

L2403441-01D, -02D, -03D, -04D, and -05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 01/31/24

AIR

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-01 D
Client ID: SSV3
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 13:00
Date Received: 01/19/24
Field Prep: None

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/24 20:25
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	7.66	--	ND	37.9	--		38.28
Chloromethane	ND	7.66	--	ND	15.8	--		38.28
Freon-114	ND	7.66	--	ND	53.5	--		38.28
Vinyl chloride	ND	7.66	--	ND	19.6	--		38.28
1,3-Butadiene	ND	7.66	--	ND	16.9	--		38.28
Bromomethane	ND	7.66	--	ND	29.7	--		38.28
Chloroethane	ND	7.66	--	ND	20.2	--		38.28
Ethanol	2300	191	--	4330	360	--		38.28
Vinyl bromide	ND	7.66	--	ND	33.5	--		38.28
Acetone	718	38.3	--	1710	91.0	--		38.28
Trichlorofluoromethane	ND	7.66	--	ND	43.0	--		38.28
Isopropanol	55.6	19.1	--	137	46.9	--		38.28
1,1-Dichloroethene	ND	7.66	--	ND	30.4	--		38.28
Tertiary butyl Alcohol	ND	19.1	--	ND	57.9	--		38.28
Methylene chloride	ND	19.1	--	ND	66.4	--		38.28
3-Chloropropene	ND	7.66	--	ND	24.0	--		38.28
Carbon disulfide	ND	7.66	--	ND	23.9	--		38.28
Freon-113	ND	7.66	--	ND	58.7	--		38.28
trans-1,2-Dichloroethene	ND	7.66	--	ND	30.4	--		38.28
1,1-Dichloroethane	ND	7.66	--	ND	31.0	--		38.28
Methyl tert butyl ether	ND	7.66	--	ND	27.6	--		38.28
2-Butanone	1230	19.1	--	3630	56.3	--		38.28
cis-1,2-Dichloroethene	ND	7.66	--	ND	30.4	--		38.28

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-01 D
Client ID: SSV3
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 13:00
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	19.1	--	ND	68.8	--		38.28
Chloroform	ND	7.66	--	ND	37.4	--		38.28
Tetrahydrofuran	2350	19.1	--	6930	56.3	--		38.28
1,2-Dichloroethane	ND	7.66	--	ND	31.0	--		38.28
n-Hexane	ND	7.66	--	ND	27.0	--		38.28
1,1,1-Trichloroethane	ND	7.66	--	ND	41.8	--		38.28
Benzene	ND	7.66	--	ND	24.5	--		38.28
Carbon tetrachloride	ND	7.66	--	ND	48.2	--		38.28
Cyclohexane	ND	7.66	--	ND	26.4	--		38.28
1,2-Dichloropropane	ND	7.66	--	ND	35.4	--		38.28
Bromodichloromethane	ND	7.66	--	ND	51.3	--		38.28
1,4-Dioxane	ND	7.66	--	ND	27.6	--		38.28
Trichloroethene	ND	7.66	--	ND	41.2	--		38.28
2,2,4-Trimethylpentane	ND	7.66	--	ND	35.8	--		38.28
Heptane	ND	7.66	--	ND	31.4	--		38.28
cis-1,3-Dichloropropene	ND	7.66	--	ND	34.8	--		38.28
4-Methyl-2-pentanone	ND	19.1	--	ND	78.3	--		38.28
trans-1,3-Dichloropropene	ND	7.66	--	ND	34.8	--		38.28
1,1,2-Trichloroethane	ND	7.66	--	ND	41.8	--		38.28
Toluene	10.8	7.66	--	40.7	28.9	--		38.28
2-Hexanone	ND	7.66	--	ND	31.4	--		38.28
Dibromochloromethane	ND	7.66	--	ND	65.3	--		38.28
1,2-Dibromoethane	ND	7.66	--	ND	58.9	--		38.28
Tetrachloroethene	ND	7.66	--	ND	51.9	--		38.28
Chlorobenzene	ND	7.66	--	ND	35.3	--		38.28
Ethylbenzene	ND	7.66	--	ND	33.3	--		38.28

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-01 D
Client ID: SSV3
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 13:00
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	15.3	--	ND	66.5	--		38.28
Bromoform	ND	7.66	--	ND	79.2	--		38.28
Styrene	ND	7.66	--	ND	32.6	--		38.28
1,1,2,2-Tetrachloroethane	ND	7.66	--	ND	52.6	--		38.28
o-Xylene	ND	7.66	--	ND	33.3	--		38.28
4-Ethyltoluene	ND	7.66	--	ND	37.7	--		38.28
1,3,5-Trimethylbenzene	ND	7.66	--	ND	37.7	--		38.28
1,2,4-Trimethylbenzene	ND	7.66	--	ND	37.7	--		38.28
Benzyl chloride	ND	7.66	--	ND	39.7	--		38.28
1,3-Dichlorobenzene	ND	7.66	--	ND	46.1	--		38.28
1,4-Dichlorobenzene	ND	7.66	--	ND	46.1	--		38.28
1,2-Dichlorobenzene	ND	7.66	--	ND	46.1	--		38.28
1,2,4-Trichlorobenzene	ND	7.66	--	ND	56.9	--		38.28
Hexachlorobutadiene	ND	7.66	--	ND	81.7	--		38.28

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	94		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-02 D
Client ID: SSV5D
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 09:51
Date Received: 01/19/24
Field Prep: None

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/30/24 05:08
Analyst: KJD

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	6.96	--	ND	34.4	--		34.82
Chloromethane	ND	6.96	--	ND	14.4	--		34.82
Freon-114	ND	6.96	--	ND	48.6	--		34.82
Vinyl chloride	ND	6.96	--	ND	17.8	--		34.82
1,3-Butadiene	ND	6.96	--	ND	15.4	--		34.82
Bromomethane	ND	6.96	--	ND	27.0	--		34.82
Chloroethane	ND	6.96	--	ND	18.4	--		34.82
Ethanol	15700	174	--	29600	328	--		34.82
Vinyl bromide	ND	6.96	--	ND	30.4	--		34.82
Acetone	192	34.8	--	456	82.7	--		34.82
Trichlorofluoromethane	ND	6.96	--	ND	39.1	--		34.82
Isopropanol	391	17.4	--	961	42.8	--		34.82
1,1-Dichloroethene	ND	6.96	--	ND	27.6	--		34.82
Tertiary butyl Alcohol	ND	17.4	--	ND	52.7	--		34.82
Methylene chloride	ND	17.4	--	ND	60.4	--		34.82
3-Chloropropene	ND	6.96	--	ND	21.8	--		34.82
Carbon disulfide	ND	6.96	--	ND	21.7	--		34.82
Freon-113	ND	6.96	--	ND	53.3	--		34.82
trans-1,2-Dichloroethene	ND	6.96	--	ND	27.6	--		34.82
1,1-Dichloroethane	ND	6.96	--	ND	28.2	--		34.82
Methyl tert butyl ether	ND	6.96	--	ND	25.1	--		34.82
2-Butanone	214	17.4	--	631	51.3	--		34.82
cis-1,2-Dichloroethene	ND	6.96	--	ND	27.6	--		34.82

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-02 D
Client ID: SSV5D
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 09:51
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	17.4	--	ND	62.7	--		34.82
Chloroform	ND	6.96	--	ND	34.0	--		34.82
Tetrahydrofuran	374	17.4	--	1100	51.3	--		34.82
1,2-Dichloroethane	ND	6.96	--	ND	28.2	--		34.82
n-Hexane	ND	6.96	--	ND	24.5	--		34.82
1,1,1-Trichloroethane	ND	6.96	--	ND	38.0	--		34.82
Benzene	8.60	6.96	--	27.5	22.2	--		34.82
Carbon tetrachloride	ND	6.96	--	ND	43.8	--		34.82
Cyclohexane	8.70	6.96	--	29.9	24.0	--		34.82
1,2-Dichloropropane	ND	6.96	--	ND	32.2	--		34.82
Bromodichloromethane	ND	6.96	--	ND	46.6	--		34.82
1,4-Dioxane	ND	6.96	--	ND	25.1	--		34.82
Trichloroethene	ND	6.96	--	ND	37.4	--		34.82
2,2,4-Trimethylpentane	9.92	6.96	--	46.3	32.5	--		34.82
Heptane	ND	6.96	--	ND	28.5	--		34.82
cis-1,3-Dichloropropene	ND	6.96	--	ND	31.6	--		34.82
4-Methyl-2-pentanone	ND	17.4	--	ND	71.3	--		34.82
trans-1,3-Dichloropropene	ND	6.96	--	ND	31.6	--		34.82
1,1,2-Trichloroethane	ND	6.96	--	ND	38.0	--		34.82
Toluene	ND	6.96	--	ND	26.2	--		34.82
2-Hexanone	ND	6.96	--	ND	28.5	--		34.82
Dibromochloromethane	ND	6.96	--	ND	59.3	--		34.82
1,2-Dibromoethane	ND	6.96	--	ND	53.5	--		34.82
Tetrachloroethene	20.5	6.96	--	139	47.2	--		34.82
Chlorobenzene	ND	6.96	--	ND	32.1	--		34.82
Ethylbenzene	ND	6.96	--	ND	30.2	--		34.82

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-02 D
Client ID: SSV5D
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 09:51
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	13.9	--	ND	60.4	--		34.82
Bromoform	ND	6.96	--	ND	72.0	--		34.82
Styrene	ND	6.96	--	ND	29.6	--		34.82
1,1,2,2-Tetrachloroethane	ND	6.96	--	ND	47.8	--		34.82
o-Xylene	ND	6.96	--	ND	30.2	--		34.82
4-Ethyltoluene	ND	6.96	--	ND	34.2	--		34.82
1,3,5-Trimethylbenzene	ND	6.96	--	ND	34.2	--		34.82
1,2,4-Trimethylbenzene	ND	6.96	--	ND	34.2	--		34.82
Benzyl chloride	ND	6.96	--	ND	36.0	--		34.82
1,3-Dichlorobenzene	ND	6.96	--	ND	41.8	--		34.82
1,4-Dichlorobenzene	ND	6.96	--	ND	41.8	--		34.82
1,2-Dichlorobenzene	ND	6.96	--	ND	41.8	--		34.82
1,2,4-Trichlorobenzene	ND	6.96	--	ND	51.7	--		34.82
Hexachlorobutadiene	ND	6.96	--	ND	74.2	--		34.82

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	100		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-03 D
Client ID: SSV1D
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 12:12
Date Received: 01/19/24
Field Prep: None

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/24 21:34
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	6.61	--	ND	32.7	--		33.07
Chloromethane	ND	6.61	--	ND	13.6	--		33.07
Freon-114	ND	6.61	--	ND	46.2	--		33.07
Vinyl chloride	ND	6.61	--	ND	16.9	--		33.07
1,3-Butadiene	ND	6.61	--	ND	14.6	--		33.07
Bromomethane	ND	6.61	--	ND	25.7	--		33.07
Chloroethane	ND	6.61	--	ND	17.4	--		33.07
Ethanol	9930	165	--	18700	311	--		33.07
Vinyl bromide	ND	6.61	--	ND	28.9	--		33.07
Acetone	51.6	33.1	--	123	78.6	--		33.07
Trichlorofluoromethane	ND	6.61	--	ND	37.1	--		33.07
Isopropanol	277	16.5	--	681	40.6	--		33.07
1,1-Dichloroethene	ND	6.61	--	ND	26.2	--		33.07
Tertiary butyl Alcohol	ND	16.5	--	ND	50.0	--		33.07
Methylene chloride	ND	16.5	--	ND	57.3	--		33.07
3-Chloropropene	ND	6.61	--	ND	20.7	--		33.07
Carbon disulfide	ND	6.61	--	ND	20.6	--		33.07
Freon-113	ND	6.61	--	ND	50.7	--		33.07
trans-1,2-Dichloroethene	ND	6.61	--	ND	26.2	--		33.07
1,1-Dichloroethane	ND	6.61	--	ND	26.8	--		33.07
Methyl tert butyl ether	ND	6.61	--	ND	23.8	--		33.07
2-Butanone	55.6	16.5	--	164	48.7	--		33.07
cis-1,2-Dichloroethene	ND	6.61	--	ND	26.2	--		33.07

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-03 D
Client ID: SSV1D
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 12:12
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	16.5	--	ND	59.5	--		33.07
Chloroform	ND	6.61	--	ND	32.3	--		33.07
Tetrahydrofuran	120	16.5	--	354	48.7	--		33.07
1,2-Dichloroethane	ND	6.61	--	ND	26.8	--		33.07
n-Hexane	ND	6.61	--	ND	23.3	--		33.07
1,1,1-Trichloroethane	ND	6.61	--	ND	36.1	--		33.07
Benzene	ND	6.61	--	ND	21.1	--		33.07
Carbon tetrachloride	ND	6.61	--	ND	41.6	--		33.07
Cyclohexane	ND	6.61	--	ND	22.8	--		33.07
1,2-Dichloropropane	ND	6.61	--	ND	30.5	--		33.07
Bromodichloromethane	ND	6.61	--	ND	44.3	--		33.07
1,4-Dioxane	ND	6.61	--	ND	23.8	--		33.07
Trichloroethene	ND	6.61	--	ND	35.5	--		33.07
2,2,4-Trimethylpentane	ND	6.61	--	ND	30.9	--		33.07
Heptane	ND	6.61	--	ND	27.1	--		33.07
cis-1,3-Dichloropropene	ND	6.61	--	ND	30.0	--		33.07
4-Methyl-2-pentanone	ND	16.5	--	ND	67.6	--		33.07
trans-1,3-Dichloropropene	ND	6.61	--	ND	30.0	--		33.07
1,1,2-Trichloroethane	ND	6.61	--	ND	36.1	--		33.07
Toluene	ND	6.61	--	ND	24.9	--		33.07
2-Hexanone	ND	6.61	--	ND	27.1	--		33.07
Dibromochloromethane	ND	6.61	--	ND	56.3	--		33.07
1,2-Dibromoethane	ND	6.61	--	ND	50.8	--		33.07
Tetrachloroethene	ND	6.61	--	ND	44.8	--		33.07
Chlorobenzene	ND	6.61	--	ND	30.4	--		33.07
Ethylbenzene	ND	6.61	--	ND	28.7	--		33.07

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-03 D
Client ID: SSV1D
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 12:12
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	13.2	--	ND	57.3	--		33.07
Bromoform	ND	6.61	--	ND	68.3	--		33.07
Styrene	ND	6.61	--	ND	28.1	--		33.07
1,1,2,2-Tetrachloroethane	ND	6.61	--	ND	45.4	--		33.07
o-Xylene	ND	6.61	--	ND	28.7	--		33.07
4-Ethyltoluene	ND	6.61	--	ND	32.5	--		33.07
1,3,5-Trimethylbenzene	ND	6.61	--	ND	32.5	--		33.07
1,2,4-Trimethylbenzene	ND	6.61	--	ND	32.5	--		33.07
Benzyl chloride	ND	6.61	--	ND	34.2	--		33.07
1,3-Dichlorobenzene	ND	6.61	--	ND	39.7	--		33.07
1,4-Dichlorobenzene	ND	6.61	--	ND	39.7	--		33.07
1,2-Dichlorobenzene	ND	6.61	--	ND	39.7	--		33.07
1,2,4-Trichlorobenzene	ND	6.61	--	ND	49.1	--		33.07
Hexachlorobutadiene	ND	6.61	--	ND	70.5	--		33.07

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	91		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-04 D
Client ID: SSV4
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 16:39
Date Received: 01/19/24
Field Prep: None

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/24 22:44
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	6.88	--	ND	34.0	--		34.39
Chloromethane	ND	6.88	--	ND	14.2	--		34.39
Freon-114	ND	6.88	--	ND	48.1	--		34.39
Vinyl chloride	ND	6.88	--	ND	17.6	--		34.39
1,3-Butadiene	ND	6.88	--	ND	15.2	--		34.39
Bromomethane	ND	6.88	--	ND	26.7	--		34.39
Chloroethane	ND	6.88	--	ND	18.2	--		34.39
Ethanol	1620	172	--	3050	324	--		34.39
Vinyl bromide	ND	6.88	--	ND	30.1	--		34.39
Acetone	312	34.4	--	741	81.7	--		34.39
Trichlorofluoromethane	ND	6.88	--	ND	38.7	--		34.39
Isopropanol	35.9	17.2	--	88.2	42.3	--		34.39
1,1-Dichloroethene	ND	6.88	--	ND	27.3	--		34.39
Tertiary butyl Alcohol	ND	17.2	--	ND	52.1	--		34.39
Methylene chloride	ND	17.2	--	ND	59.8	--		34.39
3-Chloropropene	ND	6.88	--	ND	21.5	--		34.39
Carbon disulfide	ND	6.88	--	ND	21.4	--		34.39
Freon-113	ND	6.88	--	ND	52.7	--		34.39
trans-1,2-Dichloroethene	ND	6.88	--	ND	27.3	--		34.39
1,1-Dichloroethane	ND	6.88	--	ND	27.8	--		34.39
Methyl tert butyl ether	ND	6.88	--	ND	24.8	--		34.39
2-Butanone	892	17.2	--	2630	50.7	--		34.39
cis-1,2-Dichloroethene	ND	6.88	--	ND	27.3	--		34.39

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-04 D
Client ID: SSV4
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 16:39
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	17.2	--	ND	62.0	--		34.39
Chloroform	ND	6.88	--	ND	33.6	--		34.39
Tetrahydrofuran	1430	17.2	--	4220	50.7	--		34.39
1,2-Dichloroethane	ND	6.88	--	ND	27.8	--		34.39
n-Hexane	ND	6.88	--	ND	24.2	--		34.39
1,1,1-Trichloroethane	ND	6.88	--	ND	37.5	--		34.39
Benzene	ND	6.88	--	ND	22.0	--		34.39
Carbon tetrachloride	ND	6.88	--	ND	43.3	--		34.39
Cyclohexane	ND	6.88	--	ND	23.7	--		34.39
1,2-Dichloropropane	ND	6.88	--	ND	31.8	--		34.39
Bromodichloromethane	ND	6.88	--	ND	46.1	--		34.39
1,4-Dioxane	ND	6.88	--	ND	24.8	--		34.39
Trichloroethene	ND	6.88	--	ND	37.0	--		34.39
2,2,4-Trimethylpentane	ND	6.88	--	ND	32.1	--		34.39
Heptane	ND	6.88	--	ND	28.2	--		34.39
cis-1,3-Dichloropropene	ND	6.88	--	ND	31.2	--		34.39
4-Methyl-2-pentanone	ND	17.2	--	ND	70.5	--		34.39
trans-1,3-Dichloropropene	ND	6.88	--	ND	31.2	--		34.39
1,1,2-Trichloroethane	ND	6.88	--	ND	37.5	--		34.39
Toluene	ND	6.88	--	ND	25.9	--		34.39
2-Hexanone	ND	6.88	--	ND	28.2	--		34.39
Dibromochloromethane	ND	6.88	--	ND	58.6	--		34.39
1,2-Dibromoethane	ND	6.88	--	ND	52.9	--		34.39
Tetrachloroethene	ND	6.88	--	ND	46.7	--		34.39
Chlorobenzene	ND	6.88	--	ND	31.7	--		34.39
Ethylbenzene	ND	6.88	--	ND	29.9	--		34.39

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-04 D
Client ID: SSV4
Sample Location: LIVERPOOL, NY

Date Collected: 01/18/24 16:39
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	13.8	--	ND	59.9	--		34.39
Bromoform	ND	6.88	--	ND	71.1	--		34.39
Styrene	ND	6.88	--	ND	29.3	--		34.39
1,1,2,2-Tetrachloroethane	ND	6.88	--	ND	47.2	--		34.39
o-Xylene	ND	6.88	--	ND	29.9	--		34.39
4-Ethyltoluene	ND	6.88	--	ND	33.8	--		34.39
1,3,5-Trimethylbenzene	ND	6.88	--	ND	33.8	--		34.39
1,2,4-Trimethylbenzene	ND	6.88	--	ND	33.8	--		34.39
Benzyl chloride	ND	6.88	--	ND	35.6	--		34.39
1,3-Dichlorobenzene	ND	6.88	--	ND	41.4	--		34.39
1,4-Dichlorobenzene	ND	6.88	--	ND	41.4	--		34.39
1,2-Dichlorobenzene	ND	6.88	--	ND	41.4	--		34.39
1,2,4-Trichlorobenzene	ND	6.88	--	ND	51.1	--		34.39
Hexachlorobutadiene	ND	6.88	--	ND	73.4	--		34.39

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-05 D
Client ID: SSV6
Sample Location: LIVERPOOL, NY

Date Collected: 01/19/24 11:15
Date Received: 01/19/24
Field Prep: None

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/24 23:18
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	135.	--	ND	668	--		675.7
Chloromethane	ND	135.	--	ND	279	--		675.7
Freon-114	ND	135.	--	ND	944	--		675.7
Vinyl chloride	ND	135.	--	ND	345	--		675.7
1,3-Butadiene	ND	135.	--	ND	299	--		675.7
Bromomethane	ND	135.	--	ND	524	--		675.7
Chloroethane	ND	135.	--	ND	356	--		675.7
Ethanol	6910	3380	--	13000	6370	--		675.7
Vinyl bromide	ND	135.	--	ND	590	--		675.7
Acetone	5250	676	--	12500	1610	--		675.7
Trichlorofluoromethane	ND	135.	--	ND	759	--		675.7
Isopropanol	ND	338	--	ND	831	--		675.7
1,1-Dichloroethene	ND	135.	--	ND	535	--		675.7
Tertiary butyl Alcohol	ND	338	--	ND	1020	--		675.7
Methylene chloride	ND	338.	--	ND	1170	--		675.7
3-Chloropropene	ND	135.	--	ND	423	--		675.7
Carbon disulfide	ND	135	--	ND	420	--		675.7
Freon-113	ND	135.	--	ND	1030	--		675.7
trans-1,2-Dichloroethene	ND	135.	--	ND	535	--		675.7
1,1-Dichloroethane	ND	135.	--	ND	546	--		675.7
Methyl tert butyl ether	ND	135.	--	ND	487	--		675.7
2-Butanone	14100	338	--	41600	997	--		675.7
cis-1,2-Dichloroethene	ND	135.	--	ND	535	--		675.7

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-05 D
Client ID: SSV6
Sample Location: LIVERPOOL, NY

Date Collected: 01/19/24 11:15
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	338.	--	ND	1220	--		675.7
Chloroform	ND	135.	--	ND	659	--		675.7
Tetrahydrofuran	37600	338	--	111000	997	--		675.7
1,2-Dichloroethane	ND	135.	--	ND	546	--		675.7
n-Hexane	ND	135.	--	ND	476	--		675.7
1,1,1-Trichloroethane	ND	135.	--	ND	737	--		675.7
Benzene	ND	135.	--	ND	431	--		675.7
Carbon tetrachloride	ND	135.	--	ND	849	--		675.7
Cyclohexane	ND	135.	--	ND	465	--		675.7
1,2-Dichloropropane	ND	135.	--	ND	624	--		675.7
Bromodichloromethane	ND	135.	--	ND	904	--		675.7
1,4-Dioxane	ND	135.	--	ND	486	--		675.7
Trichloroethene	ND	135.	--	ND	726	--		675.7
2,2,4-Trimethylpentane	ND	135.	--	ND	631	--		675.7
Heptane	ND	135.	--	ND	553	--		675.7
cis-1,3-Dichloropropene	ND	135.	--	ND	613	--		675.7
4-Methyl-2-pentanone	ND	338.	--	ND	1390	--		675.7
trans-1,3-Dichloropropene	ND	135.	--	ND	613	--		675.7
1,1,2-Trichloroethane	ND	135.	--	ND	737	--		675.7
Toluene	ND	135	--	ND	509	--		675.7
2-Hexanone	ND	135.	--	ND	553	--		675.7
Dibromochloromethane	ND	135.	--	ND	1150	--		675.7
1,2-Dibromoethane	ND	135.	--	ND	1040	--		675.7
Tetrachloroethene	ND	135.	--	ND	915	--		675.7
Chlorobenzene	ND	135.	--	ND	622	--		675.7
Ethylbenzene	ND	135.	--	ND	586	--		675.7

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403441-05 D
Client ID: SSV6
Sample Location: LIVERPOOL, NY

Date Collected: 01/19/24 11:15
Date Received: 01/19/24
Field Prep: None

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	270.	--	ND	1170	--		675.7
Bromoform	ND	135.	--	ND	1400	--		675.7
Styrene	ND	135	--	ND	575	--		675.7
1,1,2,2-Tetrachloroethane	ND	135.	--	ND	927	--		675.7
o-Xylene	ND	135.	--	ND	586	--		675.7
4-Ethyltoluene	ND	135.	--	ND	664	--		675.7
1,3,5-Trimethylbenzene	ND	135	--	ND	664	--		675.7
1,2,4-Trimethylbenzene	176	135	--	865	664	--		675.7
Benzyl chloride	ND	135.	--	ND	699	--		675.7
1,3-Dichlorobenzene	ND	135.	--	ND	812	--		675.7
1,4-Dichlorobenzene	ND	135.	--	ND	812	--		675.7
1,2-Dichlorobenzene	ND	135.	--	ND	812	--		675.7
1,2,4-Trichlorobenzene	ND	135.	--	ND	1000	--		675.7
Hexachlorobutadiene	ND	135.	--	ND	1440	--		675.7

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	89		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/27/24 13:50

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03-05 Batch: WG1878913-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/27/24 13:50

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03-05 Batch: WG1878913-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/27/24 13:50

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01,03-05 Batch: WG1878913-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/29/24 14:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG1879398-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/29/24 14:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG1879398-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403441
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/29/24 14:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG1879398-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403441

Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1878913-3								
Dichlorodifluoromethane	101		-		70-130	-		
Chloromethane	91		-		70-130	-		
Freon-114	104		-		70-130	-		
Vinyl chloride	103		-		70-130	-		
1,3-Butadiene	106		-		70-130	-		
Bromomethane	99		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethanol	102		-		40-160	-		
Vinyl bromide	114		-		70-130	-		
Acetone	98		-		40-160	-		
Trichlorofluoromethane	103		-		70-130	-		
Isopropanol	86		-		40-160	-		
1,1-Dichloroethene	117		-		70-130	-		
Tertiary butyl Alcohol	118		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	116		-		70-130	-		
Carbon disulfide	102		-		70-130	-		
Freon-113	105		-		70-130	-		
trans-1,2-Dichloroethene	119		-		70-130	-		
1,1-Dichloroethane	110		-		70-130	-		
Methyl tert butyl ether	120		-		70-130	-		
2-Butanone	106		-		70-130	-		
cis-1,2-Dichloroethene	116		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403441

Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1878913-3								
Ethyl Acetate	124		-		70-130	-		
Chloroform	109		-		70-130	-		
Tetrahydrofuran	108		-		70-130	-		
1,2-Dichloroethane	115		-		70-130	-		
n-Hexane	123		-		70-130	-		
1,1,1-Trichloroethane	115		-		70-130	-		
Benzene	103		-		70-130	-		
Carbon tetrachloride	114		-		70-130	-		
Cyclohexane	125		-		70-130	-		
1,2-Dichloropropane	106		-		70-130	-		
Bromodichloromethane	122		-		70-130	-		
1,4-Dioxane	124		-		70-130	-		
Trichloroethene	109		-		70-130	-		
2,2,4-Trimethylpentane	124		-		70-130	-		
Heptane	111		-		70-130	-		
cis-1,3-Dichloropropene	112		-		70-130	-		
4-Methyl-2-pentanone	114		-		70-130	-		
trans-1,3-Dichloropropene	114		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	97		-		70-130	-		
2-Hexanone	103		-		70-130	-		
Dibromochloromethane	113		-		70-130	-		
1,2-Dibromoethane	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403441

Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1878913-3								
Tetrachloroethene	87		-		70-130	-		
Chlorobenzene	96		-		70-130	-		
Ethylbenzene	102		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	102		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	100		-		70-130	-		
o-Xylene	104		-		70-130	-		
4-Ethyltoluene	110		-		70-130	-		
1,3,5-Trimethylbenzene	103		-		70-130	-		
1,2,4-Trimethylbenzene	70		-		70-130	-		
Benzyl chloride	128		-		70-130	-		
1,3-Dichlorobenzene	93		-		70-130	-		
1,4-Dichlorobenzene	97		-		70-130	-		
1,2-Dichlorobenzene	93		-		70-130	-		
1,2,4-Trichlorobenzene	99		-		70-130	-		
Hexachlorobutadiene	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403441

Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG1879398-3								
Dichlorodifluoromethane	91		-		70-130	-		
Chloromethane	102		-		70-130	-		
Freon-114	109		-		70-130	-		
Vinyl chloride	103		-		70-130	-		
1,3-Butadiene	106		-		70-130	-		
Bromomethane	101		-		70-130	-		
Chloroethane	110		-		70-130	-		
Ethanol	101		-		40-160	-		
Vinyl bromide	108		-		70-130	-		
Acetone	129		-		40-160	-		
Trichlorofluoromethane	114		-		70-130	-		
Isopropanol	104		-		40-160	-		
1,1-Dichloroethene	105		-		70-130	-		
Tertiary butyl Alcohol	97		-		70-130	-		
Methylene chloride	95		-		70-130	-		
3-Chloropropene	111		-		70-130	-		
Carbon disulfide	91		-		70-130	-		
Freon-113	96		-		70-130	-		
trans-1,2-Dichloroethene	100		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
Methyl tert butyl ether	95		-		70-130	-		
2-Butanone	105		-		70-130	-		
cis-1,2-Dichloroethene	101		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG1879398-3								
Ethyl Acetate	105		-		70-130	-		
Chloroform	91		-		70-130	-		
Tetrahydrofuran	101		-		70-130	-		
1,2-Dichloroethane	109		-		70-130	-		
n-Hexane	117		-		70-130	-		
1,1,1-Trichloroethane	114		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	105		-		70-130	-		
Cyclohexane	113		-		70-130	-		
1,2-Dichloropropane	104		-		70-130	-		
Bromodichloromethane	112		-		70-130	-		
1,4-Dioxane	104		-		70-130	-		
Trichloroethene	94		-		70-130	-		
2,2,4-Trimethylpentane	118		-		70-130	-		
Heptane	119		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	118		-		70-130	-		
trans-1,3-Dichloropropene	98		-		70-130	-		
1,1,2-Trichloroethane	101		-		70-130	-		
Toluene	87		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	84		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403441

Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG1879398-3								
Tetrachloroethene	77		-		70-130	-		
Chlorobenzene	80		-		70-130	-		
Ethylbenzene	86		-		70-130	-		
p/m-Xylene	91		-		70-130	-		
Bromoform	96		-		70-130	-		
Styrene	83		-		70-130	-		
1,1,2,2-Tetrachloroethane	87		-		70-130	-		
o-Xylene	94		-		70-130	-		
4-Ethyltoluene	92		-		70-130	-		
1,3,5-Trimethylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	92		-		70-130	-		
Benzyl chloride	96		-		70-130	-		
1,3-Dichlorobenzene	85		-		70-130	-		
1,4-Dichlorobenzene	85		-		70-130	-		
1,2-Dichlorobenzene	86		-		70-130	-		
1,2,4-Trichlorobenzene	80		-		70-130	-		
Hexachlorobutadiene	82		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1878913-5 QC Sample: L2403441-03 Client ID: SSV1D						
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	9930	12000	ppbV	19		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	51.6	48.9	ppbV	5		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	277	276	ppbV	0		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1878913-5 QC Sample: L2403441-03 Client ID: SSV1D						
2-Butanone	55.6	54.9	ppbV	1		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	120	119	ppbV	1		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1878913-5 QC Sample: L2403441-03 Client ID: SSV1D						
Toluene	ND	ND	ppbV	NC		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403441

Report Date: 01/31/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2403441-01	SSV3	02126	FLOW 2	01/10/24	449540		-	-	-	Pass	35.9	60	50
L2403441-01	SSV3	365	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.1	-1.3	-	-	-	-
L2403441-02	SSV5D	01132	Flow 2	01/10/24	449540		-	-	-	Pass	36.0	59	48
L2403441-02	SSV5D	390	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.1	-1.3	-	-	-	-
L2403441-03	SSV1D	02169	Flow 2	01/10/24	449540		-	-	-	Pass	36.0	46.3	25
L2403441-03	SSV1D	2277	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-3.4	-	-	-	-
L2403441-04	SSV4	0809	Flow 2	01/10/24	449540		-	-	-	Pass	36.0	41.4	14
L2403441-04	SSV4	444	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.1	-3.4	-	-	-	-
L2403441-05	SSV6	01523	Flow 2	01/10/24	449540		-	-	-	Pass	36.0	45.2	23
L2403441-05	SSV6	3017	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-2.7	-	-	-	-
L2403441-06	UNUSED CAN #2245	01136	Flow 2	01/10/24	449540		-	-	-	Pass	36.0	44.4	21
L2403441-06	UNUSED CAN #2245	2245	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-30.3	-	-	-	-
L2403441-07	UNUSED CAN #421	02107	Flow 2	01/10/24	449540		-	-	-	Pass	36.1	50	32
L2403441-07	UNUSED CAN #421	421	2.7L Can	01/10/24	449540	L2400729-09	Pass	-29.9	-17.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/06/24 20:44
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2400729

Project Number: CANISTER QC BAT **Report Date:** 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/06/24 20:44
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2400729

Project Number: CANISTER QC BAT **Report Date:** 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2400729

Project Number: CANISTER QC BAT **Report Date:** 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403441
Report Date: 01/31/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2403441-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2403441-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2403441-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2403441-04A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2403441-05A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L2403441-06A	Canister - 2.7 Liter	N/A	NA			Y	Absent		CLEAN-FEE()
L2403441-07A	Canister - 2.7 Liter	N/A	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403441
Project Number:	2001642	**Report Date:**	01/31/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403441
Project Number:	2001642	**Report Date:**	01/31/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403441
Project Number:	2001642	**Report Date:**	01/31/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/20/24

ALPHA Job #: L2403441

Client Information

Client: GEI Consultants
Address: 1301 Trumansburg Rd Suite N Ithaca NY 14850
Phone: 607-216-8966
Fax:
Email: WMoore@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Unifirst Liverpool
Project Location: Liverpool NY
Project #: 2001642
Project Manager: Wendy Moore
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
	SSV3	01/17/24	1210	1305	-29.93	-2.0	SV	AS	2.7L	365	02226	X	X					
	SSV5D	01/18/24	0908	0951	-23.60	-1.50	SV	AS	2.7L	390	01132	X	X					
	SSV1D	01/18/24	1112	1212	-29.32	-2.99	SV	AS	2.7L	2237	02169	X	X					
	SSV4	01/18/24	1539	1689	-29.76	-3.74	SV	AS	2.7L	444	0809	X	X					
	SSV6	01/19/24	1015	1115	-29.58	-3.00	SV	AS	2.7L	3017	01523	X	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
A. Dade	01/19/24 1398	[illegible] - AAL	1/19/24 12:48
[illegible] - AAL	1/19/24 12:50	[illegible]	01120124-0250
[illegible]	01120124-0600	[illegible] AAL	1/20/24 0600

ANALYTICAL REPORT

Lab Number:	L2403442
Client:	GEI Consultants, Inc., P.C. 1301 Trumansburg Road Suite N Ithaca, NY 14850
ATTN:	Wendy Moore
Phone:	(607) 216-8966
Project Name:	UNIFIRST - LIVERPOOL
Project Number:	2001642
Report Date:	01/31/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2403442-01	2001642-AA1	AIR	LIVERPOOL, NY	01/17/24 16:48	01/19/24
L2403442-02	2001642-IA1	AIR	LIVERPOOL, NY	01/17/24 16:17	01/19/24
L2403442-03	2001642-IA2	AIR	LIVERPOOL, NY	01/17/24 16:27	01/19/24
L2403442-04	2001642-IA3	AIR	LIVERPOOL, NY	01/17/24 16:19	01/19/24
L2403442-05	2001642-IA4	AIR	LIVERPOOL, NY	01/17/24 16:29	01/19/24
L2403442-06	2001642-IA5	AIR	LIVERPOOL, NY	01/17/24 16:36	01/19/24
L2403442-07	2001642-IA6	AIR	LIVERPOOL, NY	01/17/24 16:24	01/19/24
L2403442-08	2001642-IA7	AIR	LIVERPOOL, NY	01/17/24 16:21	01/19/24
L2403442-09	2001642-IA8	AIR	LIVERPOOL, NY	01/17/24 16:43	01/19/24

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403442
Project Number:	2001642	**Report Date:**	01/31/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403442
Project Number:	2001642	**Report Date:**	01/31/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 10, 2024. The canister certification data is provided as an addendum.

Sample Receipt

L2403442-08: The canister ID number for the sample is listed on the CoC as 3097 but should be 3099.

L2403442-09: The canister ID number for the sample is listed on the CoC as 2855 but should be 2854.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 01/31/24

AIR

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-01
Client ID: 2001642-AA1
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:48
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 16:58
Analyst: KJD

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.472	0.200	--	2.33	0.989	--		1
Chloromethane	0.585	0.200	--	1.21	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.61	1.00	--	3.82	2.38	--		1
Trichlorofluoromethane	0.243	0.050	--	1.37	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.063	0.050	--	0.483	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-01
Client ID: 2001642-AA1
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:48
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.021	0.020	--	0.103	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.020	0.020	--	0.081	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.152	0.100	--	0.486	0.319	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	0.102	0.100	--	0.384	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-01
Client ID: 2001642-AA1
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:48
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-02
Client ID: 2001642-IA1
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:17
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 17:37
Analyst: KJD

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.476	0.200	--	2.35	0.989	--		1
Chloromethane	0.650	0.200	--	1.34	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.034	0.020	--	0.075	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	30.4	5.00	--	57.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.81	1.00	--	20.9	2.38	--		1
Trichlorofluoromethane	0.243	0.050	--	1.37	0.281	--		1
Isopropanol	1.18	0.500	--	2.90	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.063	0.050	--	0.483	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.931	0.500	--	2.75	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-02
Client ID: 2001642-IA1
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:17
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	5.36	0.020	--	26.2	0.098	--		1
Tetrahydrofuran	3.03	0.500	--	8.94	1.47	--		1
1,2-Dichloroethane	0.023	0.020	--	0.093	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.270	0.100	--	0.863	0.319	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.267	0.020	--	1.79	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.419	0.200	--	1.72	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	2.06	0.100	--	7.76	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	0.025	0.020	--	0.213	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.988	0.020	--	6.70	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.200	0.020	--	0.869	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-02
Client ID: 2001642-IA1
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:17
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.825	0.040	--	3.58	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.263	0.020	--	1.14	0.087	--		1
4-Ethyltoluene	0.053	0.020	--	0.261	0.098	--		1
1,3,5-Trimethybenzene	0.064	0.020	--	0.315	0.098	--		1
1,2,4-Trimethylbenzene	0.238	0.020	--	1.17	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-03
Client ID: 2001642-IA2
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:27
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 18:15
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.467	0.200	--	2.31	0.989	--		1
Chloromethane	0.784	0.200	--	1.62	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.032	0.020	--	0.071	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	0.265	0.050	--	1.49	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.060	0.050	--	0.460	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-03
Client ID: 2001642-IA2
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:27
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.446	0.020	--	2.18	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.219	0.100	--	0.700	0.319	--		1
Carbon tetrachloride	0.069	0.020	--	0.434	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.033	0.020	--	0.221	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	2.48	0.100	--	9.35	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.223	0.020	--	1.51	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-03
Client ID: 2001642-IA2
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:27
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-04
Client ID: 2001642-IA3
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:19
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 18:53
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.463	0.200	--	2.29	0.989	--		1
Chloromethane	0.613	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.031	0.020	--	0.069	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	23.6	5.00	--	44.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.88	1.00	--	18.7	2.38	--		1
Trichlorofluoromethane	0.239	0.050	--	1.34	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.062	0.050	--	0.475	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-04
Client ID: 2001642-IA3
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:19
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.411	0.020	--	2.01	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.021	0.020	--	0.085	0.081	--		1
n-Hexane	0.219	0.200	--	0.772	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.275	0.100	--	0.879	0.319	--		1
Carbon tetrachloride	0.068	0.020	--	0.428	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.028	0.020	--	0.188	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.219	0.200	--	0.897	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	7.01	0.100	--	26.4	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.266	0.020	--	1.80	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.108	0.020	--	0.469	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-04
Client ID: 2001642-IA3
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:19
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.363	0.040	--	1.58	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.141	0.020	--	0.612	0.087	--		1
4-Ethyltoluene	0.031	0.020	--	0.152	0.098	--		1
1,3,5-Trimethybenzene	0.038	0.020	--	0.187	0.098	--		1
1,2,4-Trimethylbenzene	0.129	0.020	--	0.634	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-05
Client ID: 2001642-IA4
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:29
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 19:32
Analyst: KJD

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.467	0.200	--	2.31	0.989	--		1
Chloromethane	0.614	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.037	0.020	--	0.082	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	24.9	5.00	--	46.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.55	1.00	--	20.3	2.38	--		1
Trichlorofluoromethane	0.246	0.050	--	1.38	0.281	--		1
Isopropanol	0.524	0.500	--	1.29	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.063	0.050	--	0.483	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	0.039	0.020	--	0.158	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-05
Client ID: 2001642-IA4
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:29
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.464	0.020	--	2.27	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.020	0.020	--	0.081	0.081	--		1
n-Hexane	0.245	0.200	--	0.863	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.292	0.100	--	0.933	0.319	--		1
Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.225	0.200	--	0.922	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	6.69	0.100	--	25.2	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.289	0.020	--	1.96	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.133	0.020	--	0.578	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-05
Client ID: 2001642-IA4
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:29
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.444	0.040	--	1.93	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.173	0.020	--	0.751	0.087	--		1
4-Ethyltoluene	0.034	0.020	--	0.167	0.098	--		1
1,3,5-Trimethybenzene	0.048	0.020	--	0.236	0.098	--		1
1,2,4-Trimethylbenzene	0.169	0.020	--	0.831	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	99		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-06
Client ID: 2001642-IA5
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:36
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 20:10
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.474	0.200	--	2.34	0.989	--		1
Chloromethane	0.605	0.200	--	1.25	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	14.0	5.00	--	26.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.20	1.00	--	17.1	2.38	--		1
Trichlorofluoromethane	0.245	0.050	--	1.38	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.064	0.050	--	0.491	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-06
Client ID: 2001642-IA5
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:36
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.348	0.020	--	1.70	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.020	0.020	--	0.081	0.081	--		1
n-Hexane	0.224	0.200	--	0.789	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.289	0.100	--	0.923	0.319	--		1
Carbon tetrachloride	0.070	0.020	--	0.440	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.029	0.020	--	0.156	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.210	0.200	--	0.861	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	4.59	0.100	--	17.3	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.216	0.020	--	1.46	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.132	0.020	--	0.573	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-06
Client ID: 2001642-IA5
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:36
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.393	0.040	--	1.71	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.154	0.020	--	0.669	0.087	--		1
4-Ethyltoluene	0.033	0.020	--	0.162	0.098	--		1
1,3,5-Trimethybenzene	0.041	0.020	--	0.202	0.098	--		1
1,2,4-Trimethylbenzene	0.139	0.020	--	0.683	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	98		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-07
Client ID: 2001642-IA6
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:24
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 20:49
Analyst: KJD

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.469	0.200	--	2.32	0.989	--		1
Chloromethane	0.602	0.200	--	1.24	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.030	0.020	--	0.066	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	21.6	5.00	--	40.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.55	1.00	--	20.3	2.38	--		1
Trichlorofluoromethane	0.242	0.050	--	1.36	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.064	0.050	--	0.491	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-07
Client ID: 2001642-IA6
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:24
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.418	0.020	--	2.04	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.024	0.020	--	0.097	0.081	--		1
n-Hexane	0.206	0.200	--	0.726	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.279	0.100	--	0.891	0.319	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	0.031	0.020	--	0.208	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.207	0.200	--	0.848	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	4.33	0.100	--	16.3	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.235	0.020	--	1.59	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.132	0.020	--	0.573	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-07
Client ID: 2001642-IA6
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:24
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.410	0.040	--	1.78	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.165	0.020	--	0.717	0.087	--		1
4-Ethyltoluene	0.035	0.020	--	0.172	0.098	--		1
1,3,5-Trimethybenzene	0.039	0.020	--	0.192	0.098	--		1
1,2,4-Trimethylbenzene	0.137	0.020	--	0.674	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-08
Client ID: 2001642-IA7
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:21
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 21:28
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.473	0.200	--	2.34	0.989	--		1
Chloromethane	0.608	0.200	--	1.26	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	0.026	0.020	--	0.058	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	44.1	5.00	--	83.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	10.0	1.00	--	23.8	2.38	--		1
Trichlorofluoromethane	0.249	0.050	--	1.40	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.062	0.050	--	0.475	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-08
Client ID: 2001642-IA7
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:21
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.491	0.020	--	2.40	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.228	0.100	--	0.728	0.319	--		1
Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	2.56	0.100	--	9.65	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	0.184	0.020	--	1.25	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.100	0.020	--	0.434	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-08
Client ID: 2001642-IA7
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:21
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	0.319	0.040	--	1.39	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	0.126	0.020	--	0.547	0.087	--		1
4-Ethyltoluene	0.021	0.020	--	0.103	0.098	--		1
1,3,5-Trimethybenzene	0.027	0.020	--	0.133	0.098	--		1
1,2,4-Trimethylbenzene	0.091	0.020	--	0.447	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-09
Client ID: 2001642-IA8
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:43
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 22:05
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.465	0.200	--	2.30	0.989	--		1
Chloromethane	0.586	0.200	--	1.21	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.08	1.00	--	2.57	2.38	--		1
Trichlorofluoromethane	0.252	0.050	--	1.42	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	0.062	0.050	--	0.475	0.383	--		1
trans-1,2-Dichloroethene	0.305	0.020	--	1.21	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-09
Client ID: 2001642-IA8
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:43
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.022	0.020	--	0.089	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

SAMPLE RESULTS

Lab ID: L2403442-09
Client ID: 2001642-IA8
Sample Location: LIVERPOOL, NY

Date Collected: 01/17/24 16:43
Date Received: 01/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	90		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 14:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-09 Batch: WG1879396-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 14:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-09 Batch: WG1879396-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642
Lab Number: L2403442
Report Date: 01/31/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/29/24 14:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-09 Batch: WG1879396-4								
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG1879396-3								
Dichlorodifluoromethane	91		-		70-130	-		25
Chloromethane	100		-		70-130	-		25
Freon-114	103		-		70-130	-		25
Vinyl chloride	105		-		70-130	-		25
1,3-Butadiene	111		-		70-130	-		25
Bromomethane	97		-		70-130	-		25
Chloroethane	112		-		70-130	-		25
Ethanol	102		-		40-160	-		25
Vinyl bromide	104		-		70-130	-		25
Acetone	128		-		40-160	-		25
Trichlorofluoromethane	113		-		70-130	-		25
Isopropanol	102		-		40-160	-		25
1,1-Dichloroethene	101		-		70-130	-		25
Tertiary butyl Alcohol[1]	97		-		70-130	-		25
Methylene chloride	93		-		70-130	-		25
3-Chloropropene	108		-		70-130	-		25
Carbon disulfide	86		-		70-130	-		25
Freon-113	94		-		70-130	-		25
trans-1,2-Dichloroethene	99		-		70-130	-		25
1,1-Dichloroethane	97		-		70-130	-		25
Methyl tert butyl ether	89		-		70-130	-		25
2-Butanone	100		-		70-130	-		25
cis-1,2-Dichloroethene	95		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403442

Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG1879396-3								
Ethyl Acetate	102		-		70-130	-		25
Chloroform	86		-		70-130	-		25
Tetrahydrofuran	96		-		70-130	-		25
1,2-Dichloroethane	107		-		70-130	-		25
n-Hexane	111		-		70-130	-		25
1,1,1-Trichloroethane	108		-		70-130	-		25
Benzene	89		-		70-130	-		25
Carbon tetrachloride	103		-		70-130	-		25
Cyclohexane	106		-		70-130	-		25
1,2-Dichloropropane	98		-		70-130	-		25
Bromodichloromethane	107		-		70-130	-		25
1,4-Dioxane	100		-		70-130	-		25
Trichloroethene	91		-		70-130	-		25
2,2,4-Trimethylpentane	112		-		70-130	-		25
cis-1,3-Dichloropropene	93		-		70-130	-		25
4-Methyl-2-pentanone	113		-		70-130	-		25
trans-1,3-Dichloropropene	95		-		70-130	-		25
1,1,2-Trichloroethane	96		-		70-130	-		25
Toluene	85		-		70-130	-		25
2-Hexanone	99		-		70-130	-		25
Dibromochloromethane	103		-		70-130	-		25
1,2-Dibromoethane	85		-		70-130	-		25
Tetrachloroethene	73		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403442

Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG1879396-3								
Chlorobenzene	78		-		70-130	-		25
Ethylbenzene	83		-		70-130	-		25
p/m-Xylene	88		-		70-130	-		25
Bromoform	98		-		70-130	-		25
Styrene	82		-		70-130	-		25
1,1,2,2-Tetrachloroethane	83		-		70-130	-		25
o-Xylene	89		-		70-130	-		25
4-Ethyltoluene	91		-		70-130	-		25
1,3,5-Trimethybenzene	97		-		70-130	-		25
1,2,4-Trimethylbenzene	88		-		70-130	-		25
Benzyl chloride	95		-		70-130	-		25
1,3-Dichlorobenzene	83		-		70-130	-		25
1,4-Dichlorobenzene	84		-		70-130	-		25
1,2-Dichlorobenzene	83		-		70-130	-		25
1,2,4-Trichlorobenzene	78		-		70-130	-		25
Hexachlorobutadiene	83		-		70-130	-		25

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403442

Report Date: 01/31/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2403442-01	2001642-AA1	01743	Flow 4	01/10/24	449540		-	-	-	Pass	4.5	4.4	2
L2403442-01	2001642-AA1	3441	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.1	-2.1	-	-	-	-
L2403442-02	2001642-IA1	01601	Flow 4	01/10/24	449540		-	-	-	Pass	4.5	4.8	6
L2403442-02	2001642-IA1	3185	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-6.6	-	-	-	-
L2403442-03	2001642-IA2	02009	Flow 4	01/10/24	449540		-	-	-	Pass	4.5	5.1	13
L2403442-03	2001642-IA2	2734	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-5.8	-	-	-	-
L2403442-04	2001642-IA3	02211	Flow 5	01/10/24	449540		-	-	-	Pass	4.6	5.1	10
L2403442-04	2001642-IA3	3431	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-3.4	-	-	-	-
L2403442-05	2001642-IA4	01501	Flow 5	01/10/24	449540		-	-	-	Pass	4.5	5.1	13
L2403442-05	2001642-IA4	2076	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-4.8	-	-	-	-
L2403442-06	2001642-IA5	02151	Flow 5	01/10/24	449540		-	-	-	Pass	4.5	5.1	13
L2403442-06	2001642-IA5	2736	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-4.8	-	-	-	-
L2403442-07	2001642-IA6	01888	Flow 5	01/10/24	449540		-	-	-	Pass	4.5	4.9	9
L2403442-07	2001642-IA6	2028	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-5.8	-	-	-	-
L2403442-08	2001642-IA7	0286	Flow 5	01/10/24	449540		-	-	-	Pass	4.5	4.8	6

Project Name: UNIFIRST - LIVERPOOL

Project Number: 2001642

Lab Number: L2403442

Report Date: 01/31/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2403442-08	2001642-IA7	3099	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.2	-6.5	-	-	-	-
L2403442-09	2001642-IA8	01492	Flow 3	01/10/24	449540		-	-	-	Pass	4.5	5.8	25
L2403442-09	2001642-IA8	2854	2.7L Can	01/10/24	449540	L2400729-09	Pass	-30.1	-8.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2400729

Project Number: CANISTER QC BAT **Report Date:** 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/06/24 20:44
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2400729

Project Number: CANISTER QC BAT **Report Date:** 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2400729

Project Number: CANISTER QC BAT **Report Date:** 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/06/24 20:44
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2400729
Report Date: 01/31/24

Air Canister Certification Results

Lab ID: L2400729-09
Client ID: CAN 327 SHELF 7
Sample Location:

Date Collected: 01/05/24 12:00
Date Received: 01/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: UNIFIRST - LIVERPOOL
Project Number: 2001642

Lab Number: L2403442
Report Date: 01/31/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2403442-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)
L2403442-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)
L2403442-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)
L2403442-04A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)
L2403442-05A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)
L2403442-06A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)
L2403442-07A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)
L2403442-08A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)
L2403442-09A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403442
Project Number:	2001642	**Report Date:**	01/31/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403442
Project Number:	2001642	**Report Date:**	01/31/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	UNIFIRST - LIVERPOOL	**Lab Number:**	L2403442
Project Number:	2001642	**Report Date:**	01/31/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/20/24

ALPHA Job #: L2403442

Client Information

Client: GET Consultants
Address: 1301 Trumansburg Rd Suite N, Ithaca NY
Phone:
Fax:
Email: wmcoonege@getconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: UniFirst Liverpool
Project Location: Liverpool NY
Project #: 2001642
Project Manager: Jeff Holden
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I.D. Can	I.D. Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfurs & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
03442-01	2001642-AA1	1/17/24	0850	1648	-29.97	-4.41	AA	JD	2.7L	3441	01743	X						
02	2001642-1A1		0817	1617	-29.89	-5.13				3185	01601	X						
03	2001642-1A2		0827	1627	-29.52	-5.40				2734	02009	X						
04	2001642-1A3		0838	1619	-29.77	-3.29				3431	02211	X						
05	2001642-1A4		0829	1629	-29.89	-4.68				2776	01501	X						
06	2001642-1A5		0836	1636	-29.71	-4.69				2736	02151	X						
07	2001642-1A6		0824	1624	-29.75	-5.37				2026	01888	X						
08	2001642-1A7		0821	1621	-29.97	-5.51				3091	02286	X						
09	2001642-1A8		0843	1648	-29.76	-7.20				2895	01492	X						

*SAMPLE MATRIX CODES

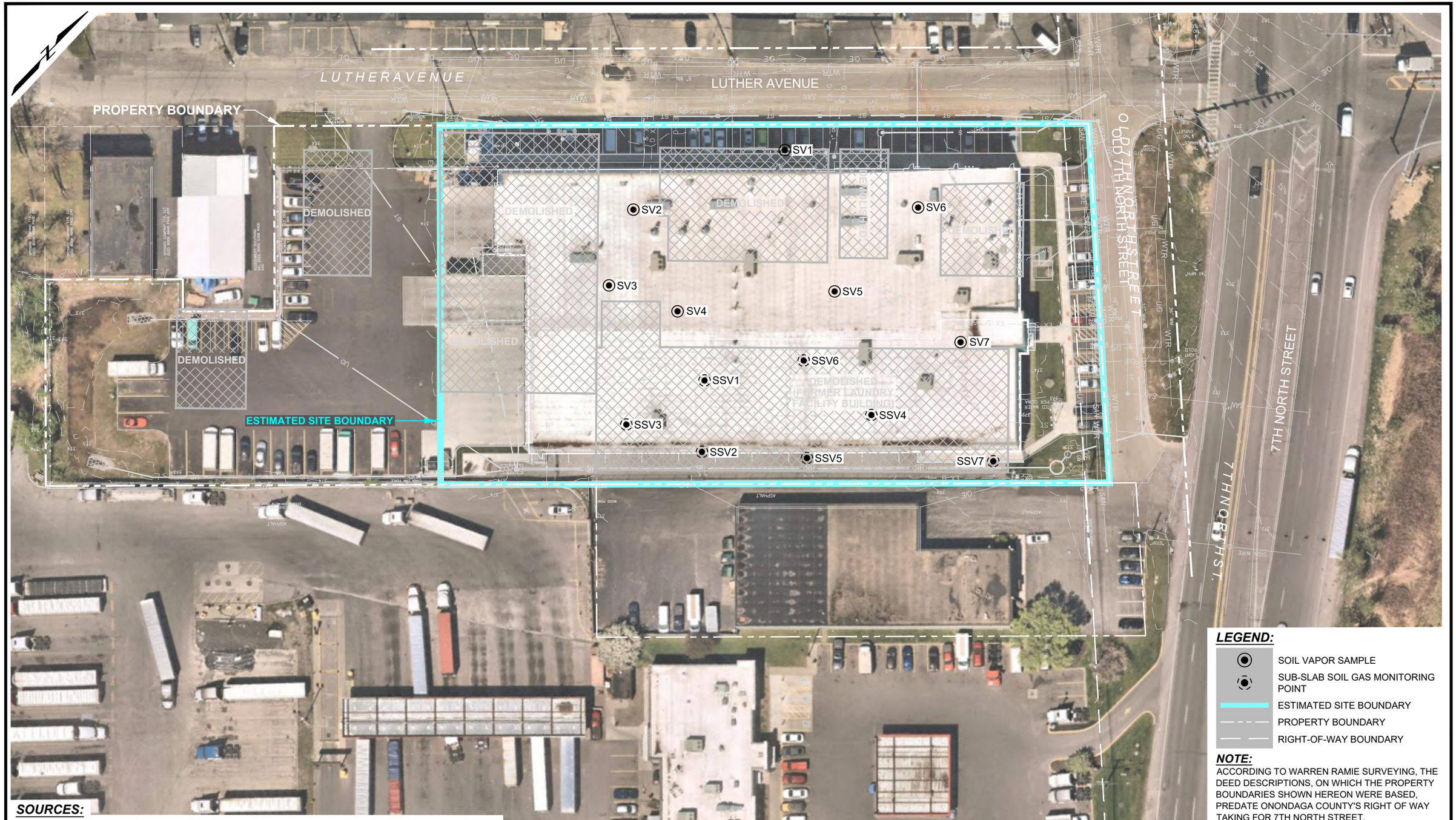
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
A. Jade	1/19/24 1248		1/19/24 12:48
	1/19/24 2:50		
	01120124-0600		01120124-0250

Attachment D Pre-VMS Startup Soil Vapor Sampling Locations



SOURCES:

1. DEMOLISHED BUILDING LIMITS AND NEW BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-2 REV. 12 DATED 07.05.22. AND L2.1 REV 4 DATED 11.05.19 . PREPARED BY KEPLINGER FREEMAN ASSOCIATES.
2. SURVEY OF PROPERTIES SOUTH OF SITE BY WARREN RAMIE, PROVIDED IN A FILE NAMED "WRS 7th North Street Boundary 08.15.23.dwg".
3. NEARMAP AERIAL ©2024 NEARMAP, IMAGERY DATED 05/07/2024, ACCESSED ON 08/15/2024.

0 60 120

SCALE: 1" = 60'

LEGEND:

- SOIL VAPOR SAMPLE
- SUB-SLAB SOIL GAS MONITORING POINT
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTE:

ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.

Remedial Investigation Report
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SOIL VAPOR SAMPLE LOCATIONS

Project 2001642 | December 2024 | Fig. 8

---- \\geiconsultants.com\data\Data_Storage\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\RIR_2024\8_2001642_RIR_SVI.dwg - 11/7/2024

Attachment E 2024 Inspection Report

April 9, 2025
Project No. 2001642

Ms. Catherine Malagrida
UniFirst Corporation
68 Jonspin Road
Wilmington, MA 01887

Re: 2024 Annual Inspection Report
UniFirst Laundry Facility
113 7th North Street, Liverpool, New York
NYSDEC Site No. C734152

Dear Ms. Malagrida:

GEI Consultants, Inc. DBA GEI Consultants Engineering, Geology, Architecture & Landscape Architecture (GEI) has prepared this summary to document the results of the annual site inspection that was performed on December 12, 2024 and follow-up inspection of the sub-slab depressurization system (SSDS) that was performed on March 20, 2025 at the UniFirst Laundry Facility in Liverpool, New York (Figure 1). The inspections were performed in accordance with the Draft Interim Site Management Plan (ISMP) that was submitted to the New York State Department of Environmental Conservation (NYSDEC) on August 28, 2024. The Draft ISMP has not yet been approved by the NYSDEC, but UniFirst has proactively commenced the site inspections and maintenance of the SSDS components pending NYSDEC's approval or comments regarding the Draft ISMP.

Project Background

The NYSDEC-defined Site, as established in the Brownfield Site Cleanup Agreement (BCA, NYSDEC October 2021), includes the UniFirst Laundry Facility building and surrounding parking lots, landscaped areas, and stormwater management areas (Figure 1). The properties in the vicinity of the Site include a mix of commercial and light industrial properties. Investigations conducted at the Site have identified volatile organic compounds in groundwater at concentrations that could cause vapor intrusion (GEI, 2022). Between 2020 and 2023, a new building was constructed at the Site, as described in the Construction Completion Reports for both phases. As a precautionary measure, a vapor mitigation system (VMS) was installed during building construction (GEI, June and August 2024). The VMS is considered an interim remedial measure (IRM) and consists of a vapor barrier and SSDS.

During the Phase 2 building construction, injections of treatment reagents were also conducted near the suspected source area as another IRM (GEI, August 2024). The IRMs had to be completed during building construction, thus were done while the Remedial Investigation was ongoing. The Remedial Investigation was completed in December 2023, as reported in the Remedial Investigation Report

GEI Consultants, Inc. DBA GEI Consultants Engineering,
Geology, Architecture & Landscape Architecture
950 Danby Rd., Ste. 201-F, Ithaca, NY 14850
607.216.8955

(GEI, December 2024). A final remedy has not yet been selected, but quarterly groundwater monitoring is currently being undertaken as proposed in the Draft ISMP and verbally approved by the NYSDEC on December 4, 2024. The first two quarterly monitoring events were conducted in December 2024 and March 2025. The Draft ISMP describes the procedures for the managing the environmental conditions at the Site until the final remedy is selected and implemented, and a permanent SMP is established (or as otherwise directed or approved by NYSDEC).

The SSDS includes five riser stacks (referred to as S1 through S5) with roof-mounted blowers that create a negative pressure zone beneath the building slab. There are 12 sub-slab monitoring points throughout the building that are used for measuring the sub-slab vacuum pressure and can be used to collect sub-slab soil vapor (SSSV) samples. SSSV samples were collected during the initial system testing and results were included in the Construction Completion Report for Phase 1 (GEI, 2024). SSSV sampling is not a component of the continuing SSDS operations. Four of the sub-slab monitoring points are "shallow" (MP1S, MP2S, MP5S, and MP8S), meaning they are installed in the area between the vapor barrier and building slab. The remaining eight points are "deep" (MP1D through MP8D) and are installed below the vapor barrier. Only the deep monitoring points are included in the annual SSDS inspections. The discharge stack and monitoring point locations are included in Figure 1.

Based on the current conditions, key aspects of the ISMP include the quarterly groundwater monitoring program and inspections of Site (including the SSDS) annually or in response to significant events that could affect site conditions. The groundwater monitoring program is performed and reported separately from the inspection program. Under the ISMP, the inspections focus on general site conditions and the SSDS. There is not currently an institutional control, and the only current engineering control (EC) is the SSDS that was installed within the new facility building at the time of construction.

2024 Site-Wide Inspection

The ISMP specifies that Site-wide inspections be performed a minimum of once per year and documented on a Site-wide inspection form. The inspection assesses the following:

- Condition and continued effectiveness of ECs.
- General Site conditions at the time of the inspection.
- Whether stormwater management systems, such as basins and outfalls, are working as designed.
- That Site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection.
- That Site records are up to date.

The 2024 annual inspection was conducted by GEI on December 12, 2024. Appendix A includes a copy of the completed 2024 Annual Site-Wide Inspection Form.

There was no evidence of unauthorized site use, vulnerabilities from climate change, or change of ownership.

The monitoring wells that are included in the monitoring and sampling plan in the ISMP were also observed to be present and accessible during the December 2024 inspection event.

2024 Sub-Slab Depressurization System Inspection and Maintenance

The SSDS is the only EC included in the ISMP. As described in the Operation, Maintenance, and Monitoring Manual attached to the ISMP, the annual SSDS inspection includes the following:

- Confirmation that fans on each stack are operating as expected.
- Visual inspection of accessible piping and discharge stacks.
- Comprehensive monitoring measurements of vacuum pressure using a digital manometer at each deep monitoring point and riser stack sampling port, and extraction flow using a digital anemometer at each riser stack sampling port.
- The number of days for any system shutdowns.
- A description of breakdowns and/or repairs, and an explanation for any significant downtime.
- A description of the resolution of performance problems.
- Trends in equipment failure.

An initial SSDS inspection was conducted by GEI on December 12, 2024. This inspection included:

- Visual inspection of visible piping and vapor monitoring points within the facility building.
- Use of a drone to photograph the conditions of the roof-mounted blowers and vent piping.
- Measurements of vacuum pressures at accessible sub-slab monitoring points. While vacuum measurements were planned for eight sub-slab monitoring points, GEI was only able to measure vacuums at five points during the December 2024 inspection due to the condition of certain points, as discussed below.
- Measurements of vacuum pressures and discharge velocities in the riser pipes associated with each of the five blower riser pipes.

Annual SSDS inspection field forms for the December 2024 inspection are included in Appendix B. As noted, SSDS equipment observable inside the building was generally in good condition and the blowers were operating. Vacuum pressure readings in four of the five riser pipes were over 2” WC, meeting the goal of minimum vacuum of 0.25” WC in each riser described in the IRM Work Plan for Phase 1 Vapor Mitigation System (GEI, 2022). The fifth (S5) indicated variable and unstable pressures, as further discussed below. For the five monitoring points where sub-slab pressures could be measured, four had vacuum pressures greater than the goal for minimum vacuum pressure for this system (0.004” WC). The fifth (MP6D) appeared to be in satisfactory condition but had a vacuum pressure of only 0.001” WC.

Drone photos[1] (Appendix D) also indicated that the roof-top blowers and vents were intact with no indications of deficient conditions.

Deficient conditions noted by the December 2024 SSDS inspection included:

- One sub-slab sampling port (MP1D) was missing its protective cover.
- One sub-slab sampling port (MP3D) was found to be partially filled with water. The water was cleared from the monitoring point to make it suitable for monitoring. GEI concluded that the water entered from inside the building (e.g., due to floor washing).
- Two sub-slab monitoring ports (MP2D and MP8D) could not be accessed because rust accumulation in the threads of the riser precluded removal of the caps.
- One sub-slab sampling port (MP7D) could not be accessed because its cap had been incorrectly installed at the time of construction, concrete from the slab pour was binding the cap, and an internal fence divider wall passed directly over the sampling port.
- Blower S5 was not maintaining a consistent vacuum and the sub-slab vacuum pressure at nearby location MP6D was below target. Collectively, these observations suggested that blower S5 was not operating properly despite the fact that the blower was operational, and the drone photos did not indicate any apparent cause. Further evaluation could not be performed at the time because of the limited sub-slab points available for troubleshooting due to the issues noted above.

Note that, while attempts were made to measure air discharge velocities in the blower stacks, it was subsequently determined that there was an error with the anemometer during this inspection; discharge velocity measurements are not reported for the December 2024 event.

GEI returned to the Site on March 13, 2025, with additional tools to make repairs and gain access to the ports that were inaccessible during the initial visit. Repairs included:

- Replaced a missing screw to secure the cover of MP1D.
- Installed a gasket beneath the lid of MP3D.
- Installed sampling ports in MP8D and MP7.
- Removed rust from the cover of MP2D so that the point could be accessed.

GEI returned to the Site on March 20, 2025, to re-inspect the SSDS following repairs and further troubleshoot blower S5. Inspection documentation for the March 2025 re-inspection is included in Appendix B. During this inspection, the sub-slab monitoring points were in satisfactory condition and had vacuum pressures greater than the goal vacuum pressure for this system (minimum 0.004" WC), with the exception of MP6D. MP6D visually appeared to be in satisfactory condition but had a positive pressure of up to 0.010" WC. Riser stacks S2 through S4 appeared in satisfactory condition and had discharge

[1] The drone flight was conducted while operating under 14 CFR Part 107. A Part 107 waiver (ID #ALT53P6RQFC0) was acquired prior to the flight due to operating in Class C airspace associated with Syracuse International Airport. A copy of the waiver is included in Appendix C.

velocities between 1160 and 1330 ft/min. Riser stack S1 initially had a discharge velocity of 340 ft/min and S5 had a discharge velocity of 560 ft/min. To further assess the cause of these low readings, UniFirst maintenance staff went on the roof to inspect the blowers. They found that blower S1 had been switched off[2] and the blower on S5 had separated from the stack piping and was laying on the roof. Blower S1 was switched back on and the discharge velocity and vacuum pressure in S1 were re-measured approximately 30 minutes later. The pressure in MP1D, MP6D, MP7D, and MP8D were also re-measured approximately 45 minutes after S1 was turned back on. The discharge velocity in S1 was 1200 ft/min and vacuum pressure was 1.840" WC. The vacuum pressure in MP1D, MP6D, and MP8D were greater when S1 was running than they had been prior. The pressure in MP6D did not change. The final pressure and flow velocity readings are recorded on the inspection documentation in Appendix B.

Even without blower S5 operating, the discharge velocities in riser stacks S1 through S4 ranged from 1,160 ft/min to 1,330 ft/min, resulting in a combined discharge of 974 cubic feet per minute (CFM). The total discharge is above the target total discharge for the system (minimum 330 CFM) as specified in the IRM Work Plan for Phase 1 Vapor Mitigation System (GEI, 2022).

It appears that the rooftop stack for S5 separated from the riser pipe due to improper spacing of the supporting guy wires (see photos in Appendix D). Specifically, the gap in spacing between two of the wires was greater than 180 degrees, therefore providing no resistance to a wind load from the unsupported direction. GEI is currently working with a subcontractor to develop and implement corrective measures for this blower, and to assess whether improper guy wire spacing may be present at any other blowers to prevent similar occurrences. The repairs will be made as soon as possible and will require the use of personal fall protection due to the proximity of the blowers to the edge of the roof.

Once blower S5 is repaired and operational, sub-slab vacuum readings will again be made at location MP6D. It is anticipated that proper operation of blower S5 will provide target vacuum at this location. Measurements will not be needed at other sub-slab points because they achieve target vacuum without S5 being operational, and the vacuum could only be enhanced when the additional blower is online.

In addition to the repairs noted above, GEI also recommends replacing the vacuum gauges that were installed in the riser pipes by the building contractor when the SSDS was installed. While gauges were installed, they were not properly sized to measure the range of vacuum pressures expected to occur. During annual inspections, this is addressed by bringing portable pressure gauges and taking manual readings. If properly sized gauges are installed, they could be read at any time without additional equipment. Periodic inspections by field or facility personnel could then identify insufficient vacuum pressures at any time. This could avoid unintentional and/or potentially extended periods of blowers being offline (as observed for blower S1 during the March 2025 inspection), maximizing the up time and protectiveness of the SSDS.

[2] Because the roof is not routinely accessed (especially in winter) and the blower switch is mounted on the exterior of the blower, it is hypothesized that falling ice or debris from the vent piping hit the switch and turned off blower S1.

Compliance with SMP

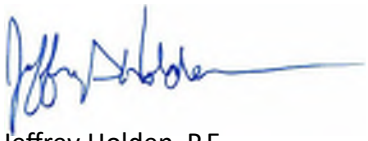
Several issues were identified with the SSDS that was established as an EC in the ISMP. During the initial inspection, performance issues with S5, insufficient vacuum pressure at MP6D, and several inaccessible monitoring points were observed. System maintenance resolved the monitoring point access issues prior to the follow-up inspection. However, the blower on stack S1 was found to have been shut off for an unknown amount of time between the two inspection events, insufficient vacuum pressure was observed again in MP6D during the follow-up inspection, and stack S5 had broken off below the blower and fallen onto the roof. During the follow-up inspection, the S1 blower was turned back on and vacuum in nearby monitoring points was sufficient. At UniFirst's direction, GEI is working with a subcontractor to have stack S5 repaired as soon as possible to restore negative pressure beneath the entire slab. The vacuum pressure at monitoring point MP6D will be reassessed once blower S5 is back online to confirm that target pressure is achieved. GEI will notify UniFirst and the NYSDEC once those repairs are complete, and the performance is confirmed.

Site-wide inspections and SSDS monitoring will continue to be performed annually, or in response to significant events, in accordance with the ISMP.

If you have any questions, please feel free to contact Jeff Holden at 607.216.8956.

Sincerely,

GEI CONSULTANTS, INC. DBA GEI CONSULTANTS ENGINEERING,
GEOLOGY, ARCHITECTURE & LANDSCAPE ARCHITECTURE



Jeffrey Holden, P.E.
Senior Engineer



Wendy Moore, P.E.
Senior Engineer

Appendices

Figure	
Appendix A	Annual Site-Wide Inspection Checklist
Appendix B	Annual SSDS Inspection Tables
Appendix C	Drone Flight Waiver
Appendix D	Drone Flight Photograph Log

JH/WM:ag
B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\06_REPORT\Annual Inspection Reports\2025 - SSDS reinspection\individual files\GEI_2024 Inspection Letter Report 2025-04-09 .docx

Figure

Figure 1. Site Layout Map



SOURCES:

1. LOCATION OF GEI WELLS INSTALLED IN 2023 WERE SURVEYED BY WARREN RAMIE SURVEYING ON 11/10/2023.
2. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-2 REV. 12 DATED 07.05.22. AND L2.1 REV 4 DATED 11.05.19 . PREPARED BY KEPLINGER FREEMAN ASSOCIATES.
3. SURVEY OF PROPERTIES SOUTH OF SITE BY WARREN RAMIE, PROVIDED IN A FILE NAMED "WRS 7th North Street Boundary 08.15.23.dwg".
4. NEARMAP AERIAL ©2024 NEARMAP, IMAGERY DATED 05/07/2024, ACCESSED ON 08/15/2024.

LEGEND:

- 86-02-02.1 — TAX ID (MAP - BLOCK - LOT)
- SOIL VAPOR SAMPLING POINT
- MONITORING WELL BY GEI
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- MONITORING WELL (DECOMMISSIONED)
- TEMPORARY WELL (DECOMMISSIONED)
- STACK ACCESS (AT FLOOR PENETRATION)
- ROOF-MOUNTED BLOWER
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTE:

ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.

0 60 120

SCALE: 1" = 60'

Annual Inspection Report
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE LAYOUT

Project 2001642 | April 2025 | Fig. 1

---- \\geiconsultants.com\data\Data_Storage\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\00_CAD\Figures\AIR\2001642_AIR_SLYT.dwg - 4/7/2025

Appendix A Annual Site-Wide Inspection Checklist

Annual Site-Wide Inspection and Sub-Slab Depressurization System Checklist

Site: UniFirst Laundry Facility
Address: 113 7th North Street, Liverpool, New York 13088

Date of Inspection: December 12, 2024

Weather: Near freezing and windy with light snow showers

Inspector: A. Jock and J. DesRosiers

Company: GEI

General Site Conditions

Are there any new or removed structures: Yes ___ No X Comments:
Does the site have proper upkeep: Yes X No __ Comments:
Evidence of unauthorized entry: Yes ___ No X Comments:
Damage to entrances/exits: Yes ___ No X Comments:
Any illegally dumped materials: Yes ___ No X Comments:
Any unusual odors: Yes ___ No X Comments:
Are any monitoring wells opened or damaged: Yes ___ No X Comments:

Engineering Control Systems

The site engineering control systems is a sub-slab depressurization system. Exposure to remaining contamination in soil/groundwater at the site is prevented by a vapor mitigation system consisting of a sub-slab vapor barrier and sub-slab depressurization system. A separate inspection form, which is included in the O&M Manual for the SSDS, should also be completed each year.

Was access granted by property owner to perform SSDS inspection?
Yes X No____ Comments:

Were any SSDS repairs required?
Yes X No____ Comments: Repairs and updates to the monitoring points are required to fully inspect the SSDS. S5 appears to be malfunctioning; more info to be obtained after repairs to monitoring points are made.

Groundwater Monitoring

Was access granted by the property owner for sampling?
Yes X No____ Comments:

Were monitoring well repairs, replacement or decommissioning required?
Yes____ No X Comments:

Notifications

60-day advance notice of any proposed changes in site use that are required under the terms of the Orders on Consent, 6NYCRR Part 375, and/or Environmental Conservation Law.
Yes____ No____ Comments: N/A

7-day advance notice of any proposed ground-intrusive activities pursuant to the Excavation Work Plan.
Yes____ No____ Comments: N/A

Notice within 48-hours of any damage or defect to the foundations structures that reduced or has the potential to reduce the effectiveness of the Engineering Control and likewise any action to be taken to mitigate the damage or defect.
Yes____ No____ Comments: N/A

Verbal notice by noon of the following day of any emergency, such as a fire, flood, or earthquake that reduces or has the potential to reduce the effectiveness of the Engineering Control in place at the site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.
Yes____ No____ Comments: N/A

Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action shall be submitted to the NYSDEC within 45 days and shall describe and document actions taken to restore the effectiveness of the ECs.
Yes____ No____ Comments: N/A

Any change in the ownership of the site or the responsibility for implementing this ISMP will include the following notifications:

At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser has been provided with a copy of the Orders on Consent, and all approved work plans and reports, including this ISMP.
Yes____ No____ Comments: N/A

Within 15 days after the transfer of all or part of the site, the new owner's name, contact representative, and contact information will be confirmed in writing.
Yes____ No____ Comments: N/A
Ask for documentation if yes.

Contingency Plan
In the event of an emergency condition impacting Engineering Controls, UniFirst will follow its existing emergency procedures and evacuation plan for this facility as needed. As appropriate, the fire department and other emergency response group will be notified immediately by telephone of the emergency.

Did an emergency occur in the past year?
Yes____ No_X_ Comments:

Was the fire department or other emergency response group notified immediately?
Yes____ No____ Comments: N/A

Appendix B Annual SSDS Inspection Tables

Inspection Date: December 12, 2024

Annual SSDS Inspection
Table 1. Rooftop Equipment
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

General Equipment Inspection					
Discharge Stack	Blower Fan Operating (check one)		Discharge Stack Notes (describe status - Satisfactory, requires maintenance or repair, etc)	Any air intakes observed within 30 feet of stack	
	Yes	No		Yes	No
S1	☑	☐	Satisfactory	☐	☑
S2	☑	☐	Satisfactory	☐	☑
S3	☑	☐	Satisfactory	☐	☑
S4	☑	☐	Satisfactory	☐	☑
S5	☑	☐	Satisfactory	☐	☑

Notes:
Discharge stack and surrounding conditions on the roof observed via drone-assisted visual inspection

Annual SSDS Inspection
Table 2. Interior Equipment
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

General Equipment Inspection				
		Condition Satisfactory (check one)		Notes
Equipment	Location	Yes	No	(describe status if not satisfactory: requires maintenance or repair, etc)
Riser/Overhead Piping	Throughout building interior	✔		Satisfactory

Annual SSDS Inspection
Table 3. Riser Ports
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

Riser Ports						
				Condition Satisfactory (check one)		
Location ID	Room	Pressure (in. W.C.)	Discharge Velocity (ft/min)	Yes	No	Notes (describe status if not satisfactory: requires maintenance or repair, etc)
S1	Main operations	-2.48	NM	✓		Satisfactory
S2	Main operations	-2.61	NM	✓		Satisfactory
S3	Main operations	-2.57	NM	✓		Satisfactory
S4	Main operations	-2.10	NM	✓		Satisfactory
S5	Main operations	Unstable readings	NM	✓		Indoor components of riser appear satisfactory but vacuum measurements appear low

Note:
1. Measure pressure at extraction riser sample ports with a digital manometer.
2. in. W.C. = inches of water column
NM = Not Measured (due to issue with rented equipment)

Inspection Date: December 12, 2024

Annual SSDS Inspection
Table 4. Sub-Slab Monitoring Points
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

Sub-Slab Monitoring Points					
Location ID	Room	Pressure (in. W.C.)	Condition Satisfactory (check one)		Notes (describe status if not satisfactory: requires maintenance or repair, etc)
			Yes	No	
MP1D	Shop/garage	-0.575	√		Satisfactory
MP2D	Main operations	NM		√	Plastic cap seized due to rust, unable to open
MP3D	Main operations	-1.495		√	The space around the port, was flooded with water
MP4D	Main operations, inside fence	-1.090	√		Satisfactory
MP5D	Main operations, beneath loft	-1.420	√		Satisfactory
MP6D	Main operations, beneath stairs	-0.001		√	Does not meet target vacuum
MP7D	Main Operations	NM		√	Cap screwed in upside down, held in place by cement, and located under a fence panel
MP8D	Office closet	NM		√	Plastic cap seized due to rust, unable to open

Note:
1. Measure pressure at deep sample ports with a digital manometer.
2. in. W.C. = inches of water column

Annual SSDS Inspection
Table 1. Rooftop Equipment
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

General Equipment Inspection					
	Blower Fan Operating (check one)		Discharge Stack Notes (describe status - Satisfactory, requires maintenance or repair, etc)	Any air intakes observed within 30 feet of stack	
Discharge Stack	Yes	No		Yes	No
S1	✔	☐	Was not operating at beginning of inspection, but was switched on prior to final readings	☐	✔
S2	✔	☐	Satisfactory	☐	✔
S3	✔	☐	Satisfactory	☐	✔
S4	✔	☐	Satisfactory	☐	✔
S5	✔	☐	Requires repair - stack and fan broken off	☐	✔

Notes:
Discharge stack and surrounding conditions on the roof observed via drone-assisted visual inspection

Annual SSDS Inspection
Table 2. Interior Equipment
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

General Equipment Inspection				
		Condition Satisfactory (check one)		Notes
Equipment	Location	Yes	No	(describe status if not satisfactory: requires maintenance or repair, etc)
Riser/Overhead Piping	Throughout building interior	✔		Satisfactory

Annual SSDS Inspection
Table 3. Riser Ports
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

Riser Ports						
Location ID	Room	Pressure (in. W.C.)	Discharge Velocity (ft/min)	Condition Satisfactory (check one)		Notes (describe status if not satisfactory: requires maintenance or repair, etc)
				Yes	No	
S1	Main operations	-1.840	1,200	✓		Indoor components of riser appear satisfactory
S2	Main operations	-1.780	1,160	✓		Satisfactory
S3	Main operations	-1.770	1,180	✓		Satisfactory
S4	Main operations	-1.300	1,330	✓		Satisfactory
S5	Main operations	-0.085	560	✓		Indoor components of riser appear satisfactory but vacuum and velocity measurements appear low due to fallen blower on roof

Note:
1. Measure pressure at extraction riser sample ports with a digital manometer.
2. in. W.C. = inches of water column

Annual SSDS Inspection
Table 4. Sub-Slab Monitoring Points
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

Sub-Slab Monitoring Points					
			Condition Satisfactory (check one)		Notes (describe status if not satisfactory: requires maintenance or repair, etc)
Location ID	Room	Pressure (in. W.C.)	Yes	No	
MP1D	Shop/garage	-0.470	√		Satisfactory
MP2D	Main operations	-0.775	√		Satisfactory
MP3D	Main operations	-0.865	√		Satisfactory
MP4D	Main operations, inside fence	-0.562	√		Satisfactory
MP5D	Main operations, beneath loft	-0.789	√		Satisfactory
MP6D	Main operations, beneath stairs	0.010		√	Does not meet target vacuum due to fallen blower S5 on roof
MP7D	Main Operations	-0.540	√		Satisfactory
MP8D	Office closet	-0.415	√		Satisfactory

Note:
1. Measure pressure at deep sample ports with a digital manometer.
2. in. W.C. = inches of water column

Appendix C Drone Flight Waiver

Aloft AIR CONTROL



Request Details

OPERATOR
DesRosiers, Jordan

AIRPORT
SYR (Class C)

START
12/09/2024 8:00 AM EST

END
12/09/2024 4:00 PM EST

SAFETY JUSTIFICATION
None

REFERENCE #
ALT53P6RQFC0

DURATION
480 minutes

HEIGHT
200 ft

REQUESTED BY
DesRosiers, Jordan

Timeline

Tue, 11/21/2024 1:13 PM EST

Request Approved

Authorized by FAA

ALT53P6RQFC0 / SYR 12/09/24 8:00 am EST - 12/09/24 4:00 pm EST 200ft. In accordance with Title 14 CFR Part 107.41, your operation is authorized within the designated airspace and timeframe constraints. Altitude limits are absolute values above ground level which shall not be added to the height of any structures. This Authorization is subject to cancellation at any time upon notice by the FAA Administrator or his/her authorized representative. This Authorization does not constitute a waiver of any State law or local ordinance. Jordan DesRosiers is the person designated as responsible for the overall safety of UAS operations under this Authorization. During UAS operations for on-site communication/recall, Jordan DesRosiers shall be continuously available for direct contact at (716) 572-5024 by Air Traffic. Remote pilots are responsible to check the airspace they are operating in and comply with all restrictions that may be present in accordance with 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc. Remote pilots are also responsible for complying with the operating requirements in 14 CFR 107.29(a) when operating at night. Operations are not authorized in Class E airspace when there is a weather ceiling less than 1,000 feet AGL. If the UAS loses communications or loses its GPS signal, it must return to a predetermined location within the operating area and land. The remote pilot in command must abort the flight in the event of unpredicted obstacles or emergencies. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.

Tue, 11/21/2024 1:02 PM EST

Request Approved

Authorized by FAA

ALT53P6RQFC0 / SYR 12/09/24 10:00 am EST - 12/09/24 2:00 pm EST 200ft. In accordance with Title 14 CFR Part 107.41, your operation is authorized within the designated airspace and timeframe constraints. Altitude limits are absolute values above ground level which shall not be added to the height of any structures. This Authorization is subject to cancellation at any time upon notice by the FAA Administrator or his/her authorized representative. This Authorization does not constitute a waiver of any State law or local ordinance. Jordan DesRosiers is the person designated as responsible for the overall safety of UAS operations under this Authorization. During UAS operations for on-site communication/recall, Jordan DesRosiers shall be continuously available for direct contact at (716) 572-5024 by Air Traffic. Remote pilots are responsible to check the airspace they are operating in and comply with all restrictions that may be present in accordance with 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc. Remote pilots are also responsible for complying with the operating requirements in 14 CFR 107.29(a) when operating at night. Operations are not authorized in Class E airspace when there is a weather ceiling less than 1,000 feet AGL. If the UAS loses communications or loses its GPS signal, it must return to a predetermined location within the operating area and land. The remote pilot in command must abort the flight in the event of unpredicted obstacles or emergencies. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.

Terms of Operation

Operator authorizes Aloft to collect LAANC Data and disclose this data to the FAA in order to provide LAANC services as described in the Privacy Policy: https://www.aloft.ai/privacy/

Operator is a Certified Part 107 Remote Pilot and will follow all Part 107 rules and guidelines: https://www.faa.gov/news/fact_sheets/news_story.cfm?newsId=22615

Aloft cannot ensure the completion or accuracy of all displayed TFR data. Remote pilots are responsible for checking the airspace they are operating in per Part 107.49 and complying with all restrictions that may be present such as restricted and prohibited airspace, temporary flight restrictions, etc. To obtain the most accurate and up to date information operators should check Federal Aviation Administration - Graphic TFRs https://tfr.faa.gov and ensure their operation(s) do not overlap with any active TFRs or other restricted airspaces prior to launch.

Operator is responsible for operating in compliance with all Notice to Airmen (NOTAMs) : http://notams.aim.faa.gov

Operator is responsible for operating in compliance with all Special Use Airspace (SUAs): http://sua.faa.gov

Altitude limits are absolute values above ground level (AGL) which shall not be added to the height of any structures.

This authorization does not constitute a waiver of any State law or local ordinance.

Each authorization corresponds to a single operator controlling at most one aircraft at a time.

Contacting ATC by phone for LAANC status information may result in the request being rejected by the FAA.

Appendix D Drone Flight Photograph Log

	
Building roof overview, looking southwest	Discharge stack S1, looking southeast
	
Discharge stack S2, looking southeast	Discharge stack S3, looking southeast

	
Discharge stack S4, looking northwest	Discharge stack S5, looking northwest

Attachment F 2025 Inspection Report

March 20, 2026
Project No. 2001642

Mr. Michael Belveg
New York State Department of Environmental Conservation
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, NY 13204-2400

Re: 2025 Annual Inspection Report
113 7th NORTH STREET SITE
113 7th North Street, Liverpool, New York
Site No. C734152

Dear Mr. Belveg:

On behalf of the Applicant (UniFirst Corporation, Inc.), GEI Consultants, Inc. DBA GEI Consultants Engineering, Geology, Architecture & Landscape Architecture (GEI) has prepared this summary to document the results of the annual site and sub-slab depressurization system (SSDS) inspections that were performed on December 10, December 18, 2025 and January 8, 2026 at the UniFirst Laundry Facility in Liverpool, New York (Figure 1). The inspections were performed in accordance with the Interim Site Management Plan (ISMP) that was submitted to the New York State Department of Environmental Conservation (NYSDEC) on September 30, 2025.

Project Background

The NYSDEC-defined Site, as established in the Brownfield Site Cleanup Agreement (BCA, NYSDEC October 2021), includes the UniFirst Laundry Facility building, portions of the surrounding parking lots and loading area, landscaped areas, and stormwater swale (Figure 1). The properties in the vicinity of the Site include a mix of commercial and light industrial properties.

Between 2020 and 2023, a new laundry facility building was constructed. Preliminary investigations identified volatile organic compounds in groundwater at concentrations that could cause vapor intrusion (GEI, 2022). Two Interim Remedial Measures (IRMs) were implemented during construction. The IRMs consisted of installing a vapor mitigation system (VMS), which included a vapor barrier and SSDS, as well as injecting treatment reagents near the suspected source area following demolition and prior to new foundation construction (GEI,2025 a&b).

The SSDS includes five riser stacks (referred to as S1 through S5) with roof-mounted blowers that create a negative pressure zone beneath the building slab. There are 12 sub-slab monitoring points throughout the building that are used for measuring the sub-slab vacuum pressure and can be used to collect sub-slab soil

GEI Consultants, Inc. DBA GEI Consultants Engineering,
Geology, Architecture & Landscape Architecture
950 Danby Rd., Ste. 201-F, Ithaca, NY 14850
607.216.8955

vapor (SSSV) samples.[1] Four of the sub-slab monitoring points are "shallow" (MP1S, MP2S, MP5S, and MP8S), meaning they are installed in the area between the vapor barrier and building slab. The remaining eight points are "deep" (MP1D through MP8D) and are installed below the vapor barrier. The discharge stack and monitoring point locations are included in Figure 1.

Due to the construction schedule, it was necessary to implement the IRMs while the Remedial Investigation is still ongoing. Although a final remedy has yet to be selected, quarterly groundwater monitoring and annual inspections are currently being conducted in accordance with the ISMP. The first five quarterly monitoring events took place from December 2024 through December 2025. The ISMP describes the procedures for the managing environmental conditions until the final remedy is selected and implemented, and a final SMP is established (or as otherwise directed or approved by NYSDEC).

The ISMP includes a quarterly groundwater monitoring program and annual inspections (including the SSDS). The groundwater monitoring program is performed and reported separately from the inspection program. Under the ISMP, the inspections focus on general site conditions and the SSDS. The general site conditions component of the inspection generally includes observation of pavement and stormwater management systems conditions, as well as documentation of site use and ownership. The SSDS component of the inspection generally includes observation of the condition of the visible components of the SSDS, as well as pressure and velocity measurements within the SSDS riser stacks and pressure measurements in the deep vapor monitoring points.

2025 Site-Wide Inspection

The ISMP specifies that Site-wide inspections be performed a minimum of once per year, and in response to significant events that could affect site conditions, as necessary. Inspections are documented on a Site-wide inspection form. The inspection assesses the following:

- Condition and continued effectiveness of ECs.
- General Site conditions at the time of the inspection.
- Whether stormwater management systems, such as basins and outfalls, are working as designed.
- That Site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection.
- That Site records are up to date.

The 2025 annual inspection was conducted by GEI on December 10, 2025. There was no evidence of damage, dumping, or other unauthorized site use, vulnerabilities from climate change, or change of ownership. Appendix A includes a copy of the completed 2025 Annual Site-Wide Inspection Form.

Most of the monitoring wells included in the monitoring and sampling plan in the ISMP were present and accessible during the December 2025 inspection event, except MW9S, MW9I, and MW10, which were temporarily inaccessible due to a thick layer ice in the rear parking lot during the inspection. These wells have been present and accessible during all prior sampling events.

[1] SSSV samples were collected during the initial system testing and results were included in the Construction Completion Report for Phase 1 (GEI, 2025a) but sub-slab vapor sampling is not a component of the continuing SSDS operations.

2025 Sub-Slab Depressurization System Repairs

Damage to and/or insufficient operation of certain SSDS components were identified during the 2024 Annual SSDS Inspection as reported in the April 9, 2025, inspection report. To address the issues identified during the prior inspection, GEI and Alpine Environmental mobilized on June 11-12, 2025, to replace the discharge stack and fan at S5, which had broken and fallen onto the roof. A metal bracket was also installed to support stack S5 because the location/orientation of the guy wires cannot properly support this stack. Alpine also inspected the other four stacks and indicated that they are operating and the guy wires were installed at sufficient angles for structural support. Alpine installed new pressure gauges and red light/green light pressure alarms on the indoor riser stacks because the prior gauges were not sized properly and would not trigger the alarm if insufficient pressures were present.

GEI returned on June 16 and 26, 2025 to check pressures and repair the sub-slab monitoring points, as needed. Measured pressures were sufficient in all monitoring points except MP6 (0.00 inches water column [WC]). GEI identified that the insufficient pressure reading at MP6 was due to improper installation of the monitoring point cap. The cap was removed and temporary seal was installed, after which the vacuum pressure was measured at 0.111" WC, which meets the minimum acceptable pressure is -0.004" WC. GEI ordered a permanent replacement cap and returned to install it on July 1, 2025.

2025 Sub-Slab Depressurization System Inspection

As described in the Operation, Maintenance, and Monitoring Manual attached to the ISMP, the annual SSDS inspection includes the following:

- Confirmation that fans on each stack are operating as expected.
- Visual inspection of accessible piping and discharge stacks.
- Visual inspection of pressure gauges and low-pressure red/green light alarms on discharge stacks.
- Comprehensive monitoring measurements of vacuum pressure using a digital manometer at each deep monitoring point and riser stack sampling port, and extraction flow using a digital anemometer at each riser stack sampling port.
- The number of days for any system shutdowns.
- A description of breakdowns and/or repairs, and an explanation for any significant downtime.
- A description of the resolution of performance problems.
- Trends in equipment failure.

The 2025 SSDS inspection was conducted by GEI on December 10, December 18, 2025, and January 8, 2026. This inspection included:

- Visual inspection of visible piping and vapor monitoring points within the facility building (December 10, 2025).
- Use of a drone to observe roof-mounted blowers and vent piping conditions (December 18, 2025).
- Measurements of vacuum pressures at sub-slab monitoring points (December 10, 2025 and January 8, 2026).
- Measurements of vacuum pressures and discharge velocities in the riser pipes associated with each of the five blower riser pipes (December 10, 2025).

Annual SSDS inspection field forms for the 2025 inspection are included in Appendix B.

As noted, SSDS equipment observable inside the building was generally in good condition and the blowers were operating. Vacuum pressure readings in each of the five riser pipes were over 0.8" WC, meeting the goal of minimum vacuum of 0.004" WC in each riser described in the ISMP (GEI, 2025c). The discharge velocity in each of the five riser pipes were over 1150 feet per minute, meeting the goal of a minimum total discharge of 330 cubic feet per minute. Drone photos[2] (Appendix D) also indicated that the roof-top blowers and vents were intact with no indications of deficient conditions and no evidence of air intakes within 30 feet of any stack.

Seven of the eight sub-slab monitoring points had vacuum pressures greater than the goal for minimum vacuum pressure for this system (0.004" WC) when measured on December 10, 2025. The eighth (MP6D) appeared to be in satisfactory condition but had a vacuum pressure of only 0.001" WC. GEI returned on January 8, 2026, to remeasure the vacuum pressure in monitoring point MP6D using a different method. Pressure at MP6D was measured directly from the monitoring point pipe (2-inch PVC pipe) rather than from the port in the cap on top of the monitoring point. The vacuum pressure was 0.013" WC using this alternate method, which meets vacuum pressure goal for this system (minimum 0.004" WC). During future annual inspections, pressure at MP6D will be measured directly from the PVC pipe rather than the through the port in the cap.

Conclusions

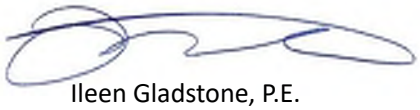
The general site and SSDS inspections indicate that controls appear to be operating as designed. Site-wide inspections and SSDS monitoring will continue to be performed annually, or in response to significant events, if necessary, in accordance with the ISMP.

If you have any questions, please feel free to contact Wendy Moore at 607.216.8966.

Sincerely,

GEI CONSULTANTS, INC. DBA GEI CONSULTANTS ENGINEERING,
GEOLOGY, ARCHITECTURE & LANDSCAPE ARCHITECTURE





Wendy Moore, P.E.
Senior Engineer

Ileen Gladstone, P.E.
Senior Engineer

Appendices

Figure	
Appendix A	Annual Site-Wide Inspection Checklist
Appendix B	Annual SSDS Inspection Tables
Appendix C	Drone Flight Waiver
Appendix D	Drone Flight Photograph Log

WM/ED:ag
B:\Working\UNIFIRST\2001642 Unifirst-Liverpool NY\06_REPORT\Annual Inspection Reports\2025 - December\GEI_2025 Inspection Letter Report DRAFT.docx

[2] The drone flight was conducted while operating under 14 CFR Part 107. A Part 107 waiver (ID #ALTAVG3QXUL0) was acquired prior to the flight due to operating in Class C airspace associated with Syracuse International Airport. A copy of the waiver is included in Appendix C.

References

GEI Consultants, Inc., 2022. Interim Remedial Measure Work Plan for Phase 1 Vapor Mitigation System. Revised October 31, 2022.

GEI Consultants, Inc., 2025a. Construction Completion Report for Phase 1 Vapor Mitigation System. July 18, 2025.

GEI Consultants, Inc., 2025b. Construction Completion Report for Phase 2 Building Interim Remedial Measures. August 29, 2025.

GEI Consultants, Inc., 2025c. Interim Site Management Plan for 113 7th North Street Site. September 30, 2025.

New York State Department of Environmental Conservation (NYSDEC), 2021. Brownfield Ste Cleanup Agreement for 113 7th North Street Site. August 4, 2021 executed October 12, 2021.

Figure

Figure 1. Site Layout Map



SOURCES:

1. LOCATION OF GEI WELLS INSTALLED IN 2023 WERE SURVEYED BY WARREN RAMIE SURVEYING ON 11/10/2023.
2. EXISTING CONDITIONS AND PROPOSED BUILDING FROM *"ADDITIONS OR ALTERATIONS TO UNIFIRST, INC. NEW FACILITY, OLD 7th NORTH STREET LIVERPOOL, NEW YORK, SITE PHASING PLAN,"* SHEETS L-2 REV. 12 DATED 07.05.22. AND L2.1 REV 4 DATED 11.05.19 . PREPARED BY KEPLINGER FREEMAN ASSOCIATES.
3. SURVEY OF PROPERTIES SOUTH OF SITE BY WARREN RAMIE, PROVIDED IN A FILE NAMED "WRS 7th North Street Boundary 08.15.23.dwg".
4. NEARMAP AERIAL ©2024 NEARMAP, IMAGERY DATED 05/07/2024, ACCESSED ON 08/15/2024.

LEGEND:

- 86-02-02.1 — TAX ID (MAP - BLOCK - LOT)
- SOIL VAPOR SAMPLING POINT
- MONITORING WELL BY GEI
- MONITORING WELL BY OTHERS (ADJACENT SITE)
- MONITORING WELL (DECOMMISSIONED)
- TEMPORARY WELL (DECOMMISSIONED)
- STACK ACCESS (AT FLOOR PENETRATION)
- ROOF-MOUNTED BLOWER
- ESTIMATED SITE BOUNDARY
- PROPERTY BOUNDARY
- RIGHT-OF-WAY BOUNDARY

NOTE:

ACCORDING TO WARREN RAMIE SURVEYING, THE DEED DESCRIPTIONS, ON WHICH THE PROPERTY BOUNDARIES SHOWN HEREON WERE BASED, PREDATE ONONDAGA COUNTY'S RIGHT OF WAY TAKING FOR 7TH NORTH STREET.

0 60 120

SCALE: 1" = 60'

Annual Inspection Report
113 7th North Street
Liverpool, New York

Unifirst Liverpool
Liverpool, New York

GEI Consultants

SITE LAYOUT

Project 2001642 | April 2025 | Fig. 1

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Appendix A Annual Site-Wide Inspection Checklist

Annual Site-Wide Inspection and Sub-Slab Depressurization System Checklist

Site: UniFirst Laundry Facility
Address: 113 7th North Street, Liverpool, New York 13088

Date of Inspection: 12/10/2025

Weather: 32*F, heavy snow

Inspector: A. Jock

Company: GEI Consultants

General Site Conditions
Are there any new or removed structures: Yes ___ No X Comments:
Does the site have proper upkeep: Yes X No __ Comments:
Evidence of unauthorized entry: Yes ___ No X Comments:
Damage to entrances/exits: Yes ___ No X Comments:
Any illegally dumped materials: Yes ___ No X Comments:
Any unusual odors: Yes ___ No X Comments:
Are any monitoring wells opened or damaged: Yes ___ No X Comments:

Engineering Control Systems

The site engineering control systems is a sub-slab depressurization system. Exposure to remaining contamination in soil/groundwater at the site is prevented by a vapor mitigation system consisting of a sub-slab vapor barrier and sub-slab depressurization system. A separate inspection form, which is included in the O&M Manual for the SSDS, should also be completed each year.

Was access granted by property owner to perform SSDS inspection?
Yes X No____ Comments:

Were any SSDS repairs required?
Yes____ No X Comments:

Groundwater Monitoring
Was access granted by the property owner for sampling?
Yes X No____ Comments:

Were monitoring well repairs, replacement or decommissioning required?
Yes____ No X Comments:

Notifications
60-day advance notice of any proposed changes in site use that are required under the terms of the Orders on Consent, 6NYCRR Part 375, and/or Environmental Conservation Law.
Yes____ No____ Comments: N/A - no changes to site use

7-day advance notice of any proposed ground-intrusive activities pursuant to the Excavation Work Plan.
Yes_X__ No____ Comments: Notice was given directly by Pilot to NYSDEC for well installation in May 2025 (MW1C on UniFirst site)

Notice within 48-hours of any damage or defect to the foundations structures that reduced or has the potential to reduce the effectiveness of the Engineering Control and likewise any action to be taken to mitigate the damage or defect.
Yes____ No____ Comments: N/A - no applicable damage

Verbal notice by noon of the following day of any emergency, such as a fire, flood, or earthquake that reduces or has the potential to reduce the effectiveness of the Engineering Control in place at the site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.
Yes____ No____ Comments: N/A - no applicable emergencies

Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action shall be submitted to the NYSDEC within 45 days and shall describe and document actions taken to restore the effectiveness of the ECs.
Yes____ No____ Comments: N/A - no applicable emergencies

Any change in the ownership of the site or the responsibility for implementing this ISMP will include the following notifications:

At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser has been provided with a copy of the Orders on Consent, and all approved work plans and reports, including this ISMP.
Yes____ No____ Comments: N/A - no applicable change in ownership

Within 15 days after the transfer of all or part of the site, the new owner's name, contact representative, and contact information will be confirmed in writing.
Yes____ No____ Comments: N/A - no applicable change in ownership
Ask for documentation if yes.

Contingency Plan
In the event of an emergency condition impacting Engineering Controls, UniFirst will follow its existing emergency procedures and evacuation plan for this facility as needed. As appropriate, the fire department and other emergency response group will be notified immediately by telephone of the emergency.

Did an emergency occur in the past year?
Yes____ No_X__ Comments:

Was the fire department or other emergency response group notified immediately?
Yes____ No____ Comments: N/A - no applicable emergencies

Appendix B Annual SSDS Inspection Tables

Annual SSDS Inspection
Table 1. Rooftop Equipment
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

General Equipment Inspection					
	Blower Fan Operating (check one)		Discharge Stack Notes (describe status - Satisfactory, requires maintenance or repair, etc)	Any air intakes observed within 30 feet of stack	
Discharge Stack	Yes	No		Yes	No
S1	X		Appears satisfactory		X
S2	X		Appears satisfactory		X
S3	X		Appears satisfactory		X
S4	X		Appears satisfactory		X
S5	X		Appears satisfactory		X

Notes:
Discharge stack and surrounding conditions on the roof observed via drone-assisted visual inspection

Annual SSDS Inspection
Table 2. Interior Equipment
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

December 10, 2025

General Equipment Inspection				
		Condition Satisfactory (check one)		Notes
Equipment	Location	Yes	No	(describe status if not satisfactory: requires maintenance or repair, etc)
Riser/Overhead Piping	Throughout building interior	X		N/A (Satisfactory)

Annual SSDS Inspection
Table 3. Riser Ports
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

December 10, 2025

Riser Ports						
Location ID	Room	Pressure (in. W.C.)	Discharge Velocity (ft/min)	Condition Satisfactory (check one)		Notes (describe status if not satisfactory: requires maintenance or repair, etc)
				Yes	No	
S1	Main operations	-1.823	1220	X		N/A (Satisfactory)
S2	Main operations	-1.880	1170	X		N/A (Satisfactory)
S3	Main operations	-1.806	1150	X		N/A (Satisfactory)
S4	Main operations	-1.265	1409	X		N/A (Satisfactory)
S5	Main operations	-0.830	1170	X		N/A (Satisfactory)

Note:
1. Measure pressure at extraction riser sample ports with a digital manometer.
2. in. W.C. = inches of water column

Annual SSDS Inspection
Table 4. Sub-Slab Monitoring Points
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

December 10, 2025

Sub-Slab Monitoring Points					
Location ID	Room	Pressure (in. W.C.)	Condition Satisfactory (check one)		Notes (describe status if not satisfactory: requires maintenance or repair, etc)
			Yes	No	
MP1D	Shop/garage	-0.399	X		N/A (Satisfactory)
MP2D	Main operations	-0.840	X		N/A (Satisfactory)
MP3D	Main operations	-0.780	X		N/A (Satisfactory)
MP4D	Main operations, inside fence	-0.624	X		N/A (Satisfactory)
MP5D	Main operations, beneath loft	-0.732	X		N/A (Satisfactory)
MP6D	Main operations, beneath stairs	0.001	X		N/A (Satisfactory)
MP7D	Main Operations	-0.457	X		N/A (Satisfactory)
MP8D	Office closet	-0.386	X		N/A (Satisfactory)

Note:
1. Measure pressure at deep sample ports with a digital manometer.
2. in. W.C. = inches of water column

Annual SSDS Inspection
Table 4. Sub-Slab Monitoring Points
Sub-Slab Depressurization System (SSDS)
UniFirst Laundry Facility
113 7th North Street
Liverpool, New York

January 8, 2026

Sub-Slab Monitoring Points					
			Condition Satisfactory (check one)		Notes
Location ID	Room	Pressure (in. W.C.)	Yes	No	(describe status if not satisfactory: requires maintenance or repair, etc)
MP1D	Shop/garage	NM	N/A		
MP2D	Main operations	NM	N/A		
MP3D	Main operations	NM	N/A		
MP4D	Main operations, inside fence	NM	N/A		
MP5D	Main operations, beneath loft	NM	N/A		
MP6D	Main operations, beneath stairs	-0.013	X		N/A (Satisfactory)
MP7D	Main Operations	NM	N/A		
MP8D	Office closet	NM	N/A		

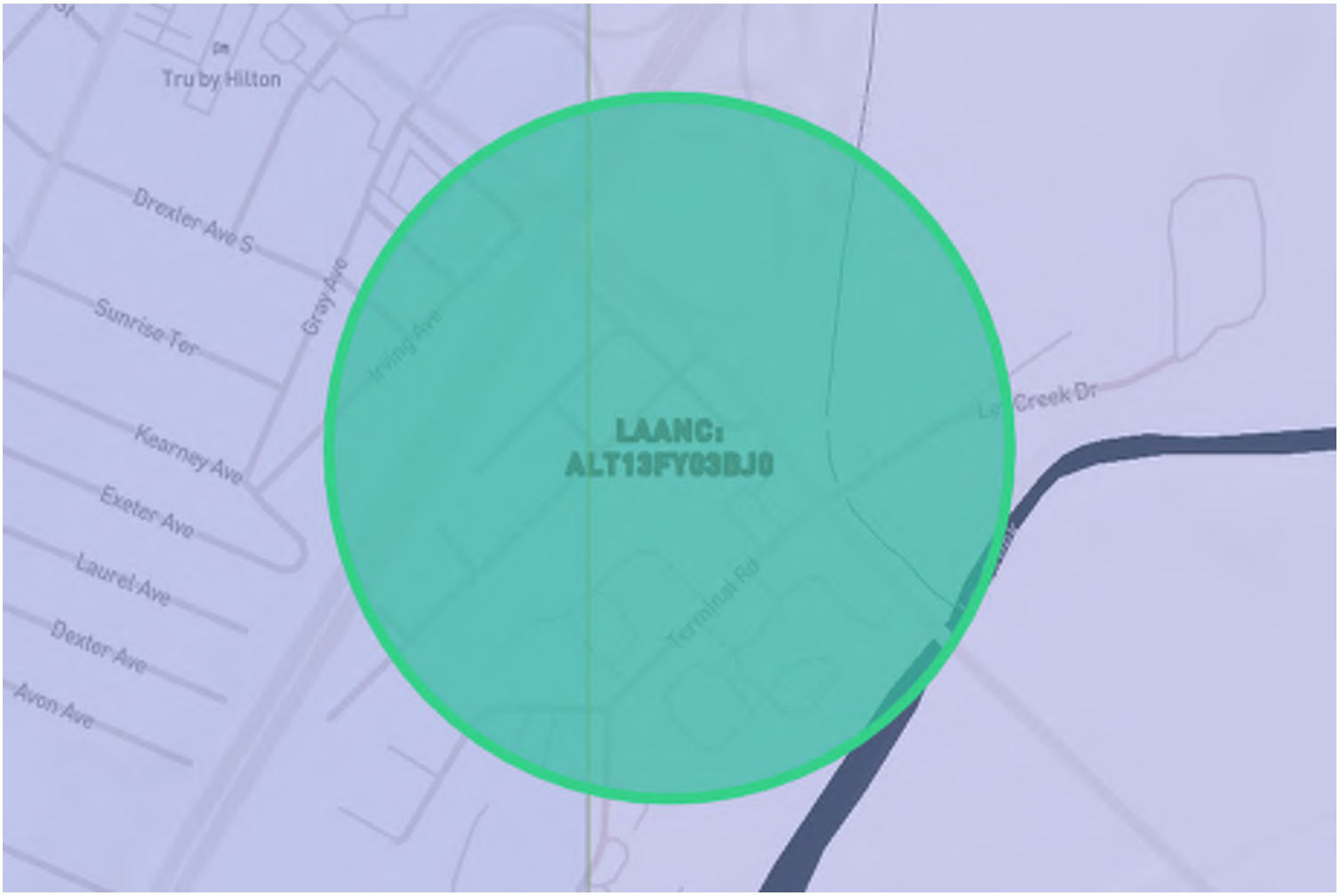
Note:
1. Measure pressure at deep sample ports with a digital manometer.
2. in. W.C. = inches of water column
3. NM = not measured

Appendix C Drone Flight Waiver

Aloft AIR CONTROL

Authorized

LAANC Authorization



Request Details

OPERATOR
DesRosiers, Jordan

REFERENCE #
ALTAVG3QXUL0

AIRPORT
SYR (Class C)

DURATION
720 minutes

START
12/18/2025 8:11am EST

HEIGHT
200 ft

END
12/18/2025 8:11pm EST

REQUESTED BY
DesRosiers, Jordan

SAFETY JUSTIFICATION

None

Timeline

Mon, 12/15/2025 8:12am EST

Request Approved

Authorized by FAA

ALTAVG3QXUL0 / SYR 12/18/25 8:11 am EST - 12/18/25 8:11 pm EST 200ft. In accordance with Title 14 CFR Part 107.41, your operation is authorized within the designated airspace and timeframe constraints. Altitude limits are absolute values above ground level which shall not be added to the height of any structures. This Authorization is subject to cancellation at any time upon notice by the FAA Administrator or his/her authorized representative. This Authorization does not constitute a waiver of any State law or local ordinance. Jordan DesRosiers is the person designated as responsible for the overall safety of UAS operations under this Authorization. During UAS operations for on-site communication/recall, Jordan DesRosiers shall be continuously available for direct contact at (716) 572-5024 by Air Traffic. Remote pilots are responsible to check the airspace they are operating in and comply with all restrictions that may be present in accordance with 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc. Remote pilots are also responsible for complying with the operating requirements in 14 CFR 107.29(a) when operating at night. Operations are not authorized in Class E airspace when there is a weather ceiling less than 1,000 feet AGL. If the UAS loses communications or loses its GPS signal, it must return to a predetermined location within the operating area and land. The remote pilot in command must abort the flight in the event of unpredicted obstacles or emergencies. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any Federal, State, or municipal official charged with the duty of enforcing local laws or regulations.

Terms of Operation

Operator authorizes Aloft to collect LAANC Data and disclose this data to the FAA in order to provide LAANC services as described in the Privacy Policy: https://www.aloft.ai/privacy/

Operator is a Certified Part 107 Remote Pilot and will follow all Part 107 rules and guidelines: https://www.faa.gov/news/fact_sheets/news_story.cfm?newsId=22615

Aloft cannot ensure the completion or accuracy of all displayed TFR data. Remote pilots are responsible for checking the airspace they are operating in per Part 107.49 and complying with all restrictions that may be present such as restricted and prohibited airspace, temporary flight restrictions, etc. To obtain the most accurate and up to date information operators should check Federal Aviation Administration - Graphic TFRs https://tfr.faa.gov and ensure their operation(s) do not overlap with any active TFRs or other restricted airspaces prior to launch.

Operator is responsible for operating in compliance with all Notice to Airmen (NOTAMs) : http://notams.aim.faa.gov

Operator is responsible for operating in compliance with all Special Use Airspace (SUAs): http://sua.faa.gov

Altitude limits are absolute values above ground level (AGL) which shall not be added to the height of any structures.

This authorization does not constitute a waiver of any State law or local ordinance.

Each authorization corresponds to a single operator controlling at most one aircraft at a time.

Contacting ATC by phone for LAANC status information may result in the request being rejected by the FAA.

Night operations are only available for commercial (Part 107) operators who have completed required FAA training/testing and have equipped anti-collision lighting visible for at least 3 statute miles that has a flash rate sufficient to avoid a collision.

Appendix D Drone Flight Photograph Log



Building roof overview, looking northeast



Discharge stack S1, looking southeast



Discharge stack S2, looking southeast



Discharge stack S3, looking southeast



Discharge stack S4, looking north



Discharge stack S5, looking northwest