Periodic Review Report

Fmr. American Linen Supply Company Site
BCP Site No. C915241

822 Seneca Street
Buffalo, New York

Revised May 2020 0126-020-001

Prepared For:

Mill Race Commons, LLC

Prepared By:

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

2558 Hamburg Turnpike, Suite 300, Buffalo, NY | phone: (716) 856-0599 | fax: (716) 856-0583

PERIODIC REVIEW REPORT
for the
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
(SITE NO. C915241)

822 SENECA STREET
BUFFALO, NEW YORK

Revised May 2020 B0126-020-001

Prepared for:

Mill Race Commons, LLC
726 Exchange Street, Suite 825
Buffalo, New York 14210

Prepared By:

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PERIODIC REVIEW REPORT

Former American Linen Supply Company Facility

BCP Site No. C915241

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PERIODIC REVIEW REPORT

Former American Linen Supply Company Facility

BCP Site No. C915241

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1.0 INTRODUCTION

Benchmark Environmental Engineering and Science, PLLC (Benchmark) has prepared this Periodic Review Report (PRR) on behalf of Mill Race Commons, LLC to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C915241 (i.e. the "Site"), located in the City of Buffalo, Erie County, New York (see Figure 1).

This PRR and the associated Institutional and Engineering Control (IC/EC) Certification Forms (see Appendix A) have been prepared for the March 24, 2019 to March 24, 2020 reporting period in accordance with the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (Ref. 1).

1.1 Site Background

The Site, which is the location of the Former American Linen Supply Company Facility located at 822 Seneca Street in the City of Buffalo, Erie County, New York, is identified as Section 122.27, Block 1, and Lot 4 on the City of Buffalo Tax Map. The Site is comprised of one (1) parcel totaling approximately 2.9 acres. The Site is bordered by Seymour Street and residential properties to the north, Seneca Street and a vacant former industrial property to the south, Lord Street and commercial/industrial properties to the east, and vacant commercial and residential properties to the west (see Figure 2).

Previous reports indicate that the Site was improved with a two-story industrial building utilized as a book binding and printing facility from 1910 to 1978. In 1978, AmeriPride purchased the Site and utilized the first floor and portions of the basement of the existing building as a uniform dry cleaning and industrial laundry facility, formerly known as the American Linen Supply Company. Tetrachloroethylene (PCE) was used as part of the drying cleaning process between 1978 and 1985. The second floor of the building and portions of the basement were utilized by Thorner Sydney Press until 1997.

After dry cleaning and laundry operations ceased in 2004, a temporary vehicle maintenance shop utilized the Site until July 2005. The Site has been vacant since late July 2005, and the vacant industrial building was demolished by AmeriPride between 2011 and 2012. In January 2014, Mill Race Commons, LLC purchased the vacant Site.

1.2 Compliance

No violations of the Site Management Plan (SMP) or associated Institutional and Engineering Control (IC/EC) and monitoring requirements were identified during the subject monitoring period.

2.0 SITE OVERVIEW

On May 17, 2011, AmeriPride Services Inc. (AmeriPride) entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC to investigate and remediate the contaminated Site. The Site was investigated and remediated under the NYSDEC BCP and in accordance with the approved May 2011 Remedial Investigation Work Plan (RIWP) and the approved May 2014 Alternatives Analysis Report and Remedial Action Work Plan (AAR/RAWP) (Refs. 2 & 3). The Site received a Certificate of Completion (COC) from the NYSDEC in December 2014.

2.1 Existing Conditions

During the Site visit on March 24, 2020, the Site vegetated soil and asphalt cover system was inspected and observed. No evidence of erosion, cracking or breaches was observed on the covered areas, and a good stand of vegetation was present across the vegetative cover. The asphalt cover shows some signs of weathering but remains in satisfactory condition.

2.2 Remedial Program Chronology

A Phase I Environmental Site Assessment (ESA), Initial Phase II Subsurface Investigation, Supplemental Phase II, and site-wide groundwater monitoring were completed between 2004 and 2009, prior to entry into the BCP in 2011. Findings of the previous investigations were used to support the approved May 2011 RIWP.

2.2.1 Remedial Investigation

From November 2011 through December 2012, a Remedial Investigation (RI) was performed to characterize the nature and extent of soil, groundwater, and soil vapor contamination at the Site. Remedial investigation sample locations are shown on Figure 2. RI activities included:

- Soil Investigation – borings, test pits, and surface samples collected from the former parking lot area near the former underground storage tanks, basement sub-slab soil, and beneath slab-on-grade in the former dry-cleaning operation area.

- Groundwater Investigation – groundwater samples were collected from discrete locations and from permanent monitoring wells located both on and off-site.
- Soil Vapor Investigation – Soil vapor samples were collected from four locations across the Site.

Environmental investigations of the Site identified the presence of chlorinated volatile organic compounds (cVOCs) including tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride (VC) in soil and groundwater; polycyclic aromatic hydrocarbons (PAHs) and heavy metals including arsenic, copper, lead and mercury in historic fill; and petroleum-related VOCs in soil vapor that required remediation. The SMP identifies the five cVOCs as "Target cVOCs," the presence of which is consistent with the former dry-cleaning operations at the Site.

2.2.2 Remedial Action

Remedial activities were reportedly performed across the Site from 2012 through 2014, in accordance with the approved August 2014 Revised Alternatives Analysis Report and Remedial Action Work Plan (Ref. 3). The Interim Remedial Measures and Remedial Actions included:

- Excavation and off-site disposal of cVOC impacted soil/fill exceeding Commercial/Industrial SCOs in the former dry cleaning area and impacted "oily" material in the southwest corner of the basement beneath the floor slab.
- Removal of former industrial Site features including basement cisterns, underground storage tanks (USTs), and a sewer vault.
- Construction and maintenance of a soil cover system consisting of at least one-foot of NYSDEC-approved clean cover material over a demarcation layer, in accordance with 6NYCRR Part 375 and NYSDEC DER-10 guidelines.
- Execution and recording of an Environmental Easement (EE) to restrict land use and prevent future exposure to any contamination remaining at the Site.
- Development and implementation of a Site Management Plan (SMP) for long-term management of remaining contamination as required by the EE, which includes: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting.

- Periodic certification of the institutional and engineering controls listed above.

After completion of remedial activities, remaining contamination was identified in the subsurface at the Site. Therefore, an SMP (Ref. 4), was prepared on behalf of AmeriPride, in accordance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (Ref. 1). Periodic groundwater monitoring is a requirement of the SMP until the NYSDEC determines that it can be discontinued.

3.0 SITE MANAGEMENT PLAN

An SMP was prepared for the Site and approved by the Department in October 2014 (Ref. 4). The SMP includes Institutional and Engineering Control (IC/EC) Requirements, Monitoring Plan, and Operation and Maintenance (OM&M) Plan. A brief description of the SMP components are presented below.

3.1 IC/EC Compliance

Because remaining contaminated soil/fill and groundwater exists at the Site, Institutional Controls and Engineering Controls (IC/ECs) are required to protect human health and the environment.

3.1.1 Institutional Controls (ICs) Requirements

The Site is subject to the following ICs:

- Compliance with the EE;
- The controlled property may only be used for commercial and/or industrial use as defined by the NYSDEC;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Erie County Department of Health;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site Management and the Controlled Property must be reported at the frequency and in a manner defined in the SMP;
- All future activities on the property that will disturb the remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operations, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP; and

- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE.

ICs identified in the EE may not be discontinued without an amendment to or extinguishment of the EE.

3.1.2 Engineering Controls (ECs) Requirements

A cover system has been installed at the site to prevent exposure to remaining contamination above the commercial use and protection of groundwater soil cleanup objectives (SCOs) in soil/fill. The cover system is comprised of a minimum of 12 inches of clean soil, asphalt pavement or concrete cover. Specifically, the cover system consists of the following:

- Pavement Area – the areas that were formerly parking lots and driveways associated with the former dry cleaner. The cover system in this area consists of asphalt and/or concrete.
- Former Building Slab Area – the area that was the slab-on-grade portion of the former building is improved with a demarcation layer consisting of geotextile fabric placed over remaining historic fill and native soils above which is a minimum of 12 inches of clean soil. The area was seeded for aesthetic purposes and erosion control.
- Former Building Basement Area – the area that was the locations if the basement of the former Site building. The basement was backfilled with up to 10 feet of clean soil. The area was seeded for aesthetic purposes and erosion control.

3.1.3 Site Inspection & IC/EC Compliance

On March 24, 2020 Benchmark's Certifying Professional Engineer performed a Site visit and assessment. During this visit, the Site covered by this PRR was found to be compliant with the IC/EC requirements. Appendix A includes the completed and PE-certified IC/EC Form for the Site. Appendix B includes a photographic log of the Site at the time of the inspection.

3.2 Monitoring Plan Compliance

The Monitoring Plan presented in the SMP describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site, the soil cover system, and all affected site media presented below. The Monitoring Plan consists of three (3) major components, including cover system monitoring, groundwater monitoring, and sub-slab vapor and indoor air monitoring. Monitoring programs are summarized in Table 1 below and described in the following Sections.

Table 1: Monitoring/Inspection Schedule

Monitoring Program	Frequency*	Matrix	Analysis
Cover System	Annual Inspection	N/A	Visual only
Groundwater	Semi-annual for 2 years (completed November 21, 2016); annual thereafter (annual events completed July 2017 and December 2018)	Groundwater	Target cVOCs (PCE, TCE, cis-1,2-DCE, VC)
Soil Vapor/Indoor Air	If two (2) consecutive groundwater monitoring events indicate increase in Target CVOC concentrations at MW-102R, then soil vapor and indoor air sampling may be warranted at the 798 Seneca Street residence and will be discussed with the NYSDEC and NYSDOH	Soil Vapor & Indoor Air	Target cVOCs (PCE, TCE, cis-1,2-DCE, VC)

* The frequency of events will be conducted as specified in the SMP until otherwise approved by NYSDEC and NYSDOH.

3.2.1 Cover System Monitoring

In accordance with the SMP, the cover system must be maintained at all times, and must be replaced in the event it is breached as described in the Excavation Work Plan in Appendix B of the SMP (Ref. 4). The cover will be inspected on an annual basis. If frequent areas of distress are noted, they will be repaired based on the following conditions.

- Asphalt Cover Monitoring – A brief summary of the key maintenance concerns and the respective corrective actions is provided below:
  - *Half-inch or greater cracks or pot holes exposing the sub-base will be sealed or repaired to restore the asphalt cover.*

- *Vegetation will be removed and the associated impact, hole, or crack will be sealed or repaired to restore the asphalt cover.*

- Vegetative Soil Cover Monitoring – A brief summary of the key maintenance concerns and the respective corrective actions is provided below:
  - *Areas where erosion problems (i.e., rills or gullies) are observed will be repaired by re-grading the localized area, adding the required fill material and/or topsoil, and reseeding/replanting as necessary.*
  - *If burrowing animals are observed breaching the soil cover, as evidenced by exposed fill material, they will be eradicated by a licensed exterminator.*

Based on the Site reconnaissance performed on March 24, 2020, the asphalt and vegetative soil cover system at the Site was compliant with the IC/EC requirements.

3.2.2 Groundwater Monitoring

Groundwater monitoring was performed on a semi-annual basis for a period of two years post-COC, with the final semi-annual event completed on November 21, 2016. Annual monitoring events were conducted on July 11, 2017 and December 14, 2018. The SMP required that groundwater sampled from all nine (9) wells be analyzed for Target cVOCs including PCE, TCE, cis-1,2-DCE, and VC. The network of monitoring wells has been installed to monitor both up-gradient and down-gradient groundwater conditions at the Site. Repairs and/or replacement of wells in the monitoring well network will be performed based on assessments of structural integrity and overall performance. The monitoring well network is summarized in Table 2 below.

Table 2: Monitoring Well Network Summary

Well ID	Location	Casing Diameter	Screen Depth (fbgs)	Analytes Tested
MW-101	On-Site	2 inch	13.2-18.2	Target cVOCs
MW-102R	On-Site	2 inch	12.0-17.0	
MW-103	On-Site	2 inch	10.9-15.9	
MW-104	On-Site	2 inch	11.3-16.3	
MW-105	On-Site	2 inch	10.6-15.6	
MW-106	On-Site	2 inch	9.6-14.6	
MW-301	Off-Site	2 inch	13.5-18.5	
MW-302	Off-Site	2 inch	12.8-17.5	
MW-303	Off-Site	2 inch	11.1-15.8	

Based upon overall improvement in groundwater quality and indication that target cVOCs are not migrating offsite, the March 27, 2019 report requested permission to limit the number of wells sampled to the three downgradient wells (i.e., MW-102R, MW-105, and MW-106), and to reduce the frequency of monitoring to once every 3 years. The NYSDEC issued correspondence on April 23, 2019 which approved the requested reduction in well sampling locations but required continued annual sampling at those locations.

Samples were collected from MW-102R, MW-105, and MW-106 on March 13, 2020. The groundwater monitoring results are presented in a report dated April 15, 2020 (see Appendix C). The monitoring report concludes "The 2020 results indicate that Target cVOC concentrations are stabilizing close to or below the NYSDEC groundwater standards and significantly below pre-remediation conditions. The overall concentrations of CVOCs in source area wells MW-105 and MW-106 have remained consistent or decreasing since 2013." It is also noted in the March 2020 report that the MW-101 well pad was cracked, and the well vault lid was missing bolts. The report recommends that the MW-101 well pad be repaired and the bolts replaced during the next reporting period.

3.2.3 Soil Vapor/Air Monitoring

In response to the RI soil vapor results, additional sub-slab vapor, indoor air, and outdoor air samples were collected off-site, in the basement of 798 Seneca Street, adjacent to the Site in December 2013. Low concentrations of PCE in the sub-slab vapor, indoor air, and outdoor air and low concentrations of TCE in sub-slab vapor and outdoor air were identified. However, detections were well below the NYSDOH October 2006 Soil Vapor Intrusion Guidance thresholds (Ref. 5). When compared against Matrix 1 and Matrix 2 of the NYSDOH Guidance, no further action was recommended or required.

Per the SMP, potential evaluation of indoor air and sub-slab vapor in the adjacent residence at 798 Seneca Street may be considered in the future if the property continues to be used as a residence and concentrations of cVOCs in MW-102R indicate an increasing trend. Based on the 2020 Groundwater Monitoring Summary Report in Appendix C, target cVOCs have decreased compared to pre-remediation concentrations in MW-102R, with all target cVOCs reported during the most recent sampling event as non-detect or below their respective Class GA GWQS except for vinyl chloride. Although vinyl chloride was detected at MW-102R, it was present at a concentration only slightly above the GWQS (2.9 ug/L as

compared to the standard of 2 ug/L) and remains well below pre-remediation levels with no apparent upward trending over the past several years. As such, further evaluation of indoor air and sub-slab vapor in the adjacent residence at 798 Seneca Street does not appear to be required at this time.

3.3 O&M Compliance

The Site remedy does not rely on any mechanical systems (e.g., sub-slab depressurization systems, groundwater pump and treat, or air sparge/soil vapor extraction systems) to protect public health and the environment, therefore an Operation and Maintenance (O&M) Plan is not required for the Site.

4.0 CONCLUSIONS

Based on our March 2020 site reconnaissance and the 2020 groundwater monitoring event results performed during the current reporting period, our conclusions are as follows:

- At the time of the March 24, 2020 site reconnaissance, the Site covered by this PRR was fully compliant with the IC/EC requirements.
- Indoor air sampling at the 798 Seneca Street residence does not appear to be required at this time.
- Minor maintenance is required to repair well MW-101. Specifically, the well pad should be repaired, and the bolts replaced during the next reporting period.

5.0 DECLARATION/LIMITATION

This report has been prepared for the exclusive use of Mill Race Commons, LLC. The contents of this report are limited to information available at the time of the site inspection. Data provided by others as referenced herein is assumed to be accurate and reliable. The findings herein may be relied upon only at the discretion of Mill Race Commons, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering and Science, PLLC.

6.0 REFERENCES

1. New York State Department of Environmental Conservation. *DER-10/Technical Guidance for Site Investigation and Remediation*. May 2010.
2. Haley & Aldrich of New York. *Report on Remedial Investigations and Interim Remedial Measure Completion for the Former American Linen Supply Company Facility, Buffalo, New York, BCP Site No. C915241*. May 2013.
3. Haley & Aldrich of New York. *Revised Alternatives Analysis Report & Remedial Action Work Plan for the Former American Linen Supply Company Facility, Buffalo, New York, BCP Site No. C915241*. May 2014.
4. Haley & Aldrich of New York. *Site Management Plan for the Former American Linen Supply Company Facility, Buffalo, New York, BCP Site No. C915241*. October 2014.
5. New York State Department of Health (NYSDOH). *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. October 2006.

FIGURES

F:\CAD\Benchmark\Kavinoky\822 Seneca Street\PRR\2020\Figure 1; Site Location & Vicinity Map.dwg

FIGURE 1

SCALE: 1 INCH = 5,000 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: 0126-020-003

DATE: MARCH 2020

DRAFTED BY: CCB

SITE LOCATION & VICINITY MAP

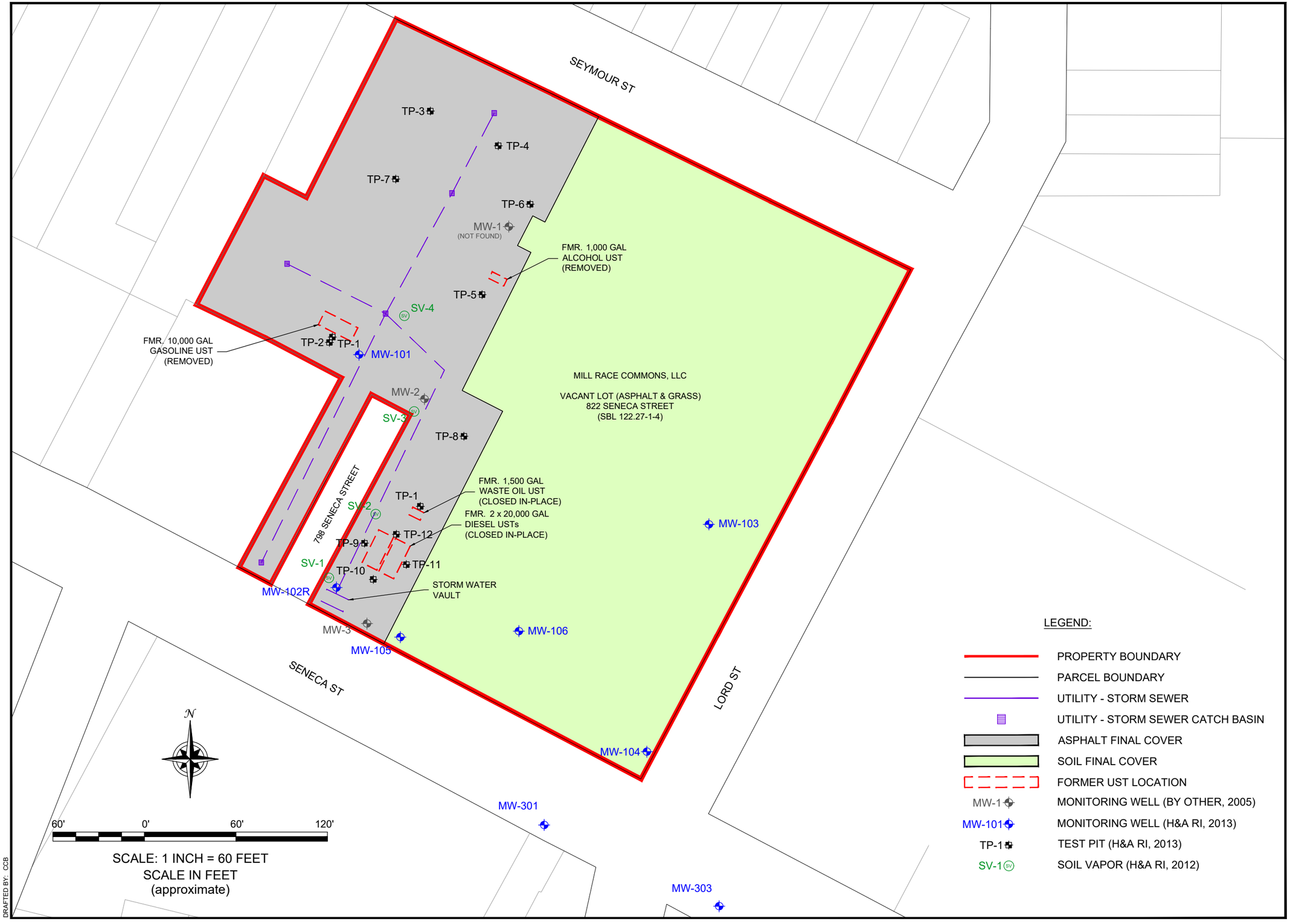
PERIODIC REVIEW REPORT

FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
(SITE NO. C915241)
BUFFALO, NEW YORK

PREPARED FOR

MILL RACE COMMONS, LLC

F:\CAD\Benchmark\Kavinoky\822 Seneca Street\PRR\2020\Figure 2; Site Plan.dwg



DATE: MARCH 2020
DRAFTED BY: CCB

BENCHMARK
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2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: 0126-020-003

SITE PLAN

PERIODIC REVIEW REPORT

FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
(SITE NO. C915241)
BUFFALO, NEW YORK

PREPARED FOR
MILL RACE COMMONS, LLC

FIGURE 2

APPENDIX A

SITE INSPECTION (IC/EC) FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C915241

Site Name Former American Linen Supply Company Facility

Site Address: 822 Seneca Street Zip Code: 14210
City/Town: Buffalo
County: Erie
Site Acreage: 2.917

Reporting Period: March 24, 2019 to March 24, 2020

	YES	NO
1. Is the information above correct?	☑	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☑

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☑	☐
7. Are all ICs/ECs in place and functioning as designed?	☑	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☑

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☑	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C915241 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
122.27-1-4	Mill Race Commons, LLC	Soil Management Plan Monitoring Plan Site Management Plan Ground Water Use Restriction Landuse Restriction IC/EC Plan

1. Prohibition of use of groundwater.
2. Landuse Restriction for Commercial or Industrial use.
3. Soil Management or Excavation Work Plan for any future intrusive work.
4. Soil Vapor Intrusion Evaluation for any proposed structures.
5. Monitoring Plan for Cover System and Groundwater. Soil Vapor/Indoor monitoring at 798 Seneca Street property, if warranted.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
122.27-1-4	Cover System

Cover System is comprised of a minimum 12 inches of clean soil, asphalt pavement, or concrete cover.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☑	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C915241

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 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 Gary Kriner (print name) at 726 Exchange Street, Suite 825, Buffalo, NY 14210 (print business address),

am certifying as CFO (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Gary Kriner — 4/21/20

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 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 Thomas H. Forbes, P.E. (print name) at Benchmark Environmental Engineering & Science, PLLC 2558 Hamburg Turnpike, Buffalo, NY 14218 (print business address),

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)

STATE OF NEW YORK THOMAS H. FORBES LICENSED PROFESSIONAL ENGINEER (Required for PE) Stamp 070601

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

4/16/20
Date

APPENDIX B

SITE PHOTOGRAPH LOG

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Mill Race Commons, LLC	822 Seneca Street, Buffalo, NY	B0126-020-002

Photo No.	Date
1	03/28/20

Direction Photo Taken:
W-SW

Description:
Soil Cover (looking toward Seneca St.)

Photo No.	Date
2	03/28/20

Direction Photo Taken:
SE

Description:
Soil Cover (from Northern end)

Prepared By: THF

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Mill Race Commons, LLC	822 Seneca Street, Buffalo, NY	B0126-020-002

Photo No.	Date
3	03/28/20

Direction Photo Taken:
E-SE

Description:
Soil Cover (from Northern end)

Photo No.	Date
4	03/28/20

Direction Photo Taken:
S

Description:
Soil Cover (looking toward Seneca St. and Lord St.)

Prepared By: THF

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Mill Race Commons, LLC	822 Seneca Street, Buffalo, NY	B0126-020-002

Photo No.	Date
5	03/28/20

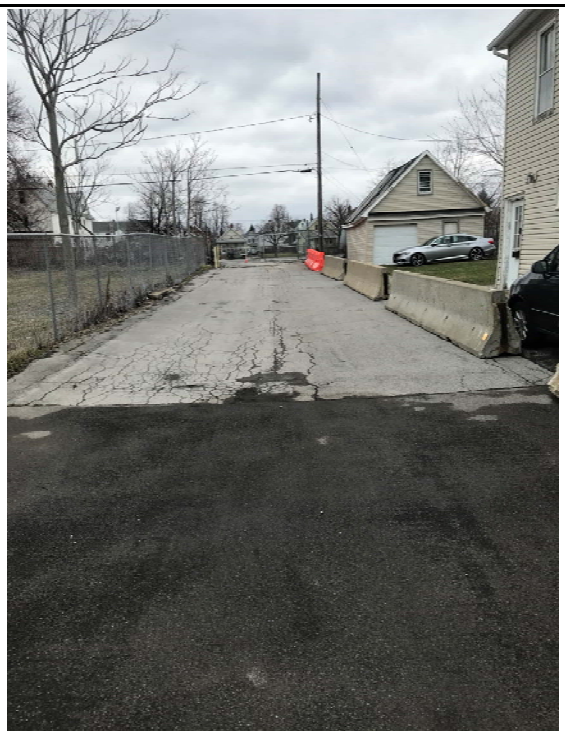
Direction Photo Taken:
N-NE

Description:
Asphalt Paved Area (Adjacent to 798 Seneca St.)

Photo No.	Date
6	03/28/20

Direction Photo Taken:
N-NE

Description:
Asphalt Paved Area (Adjacent to 798 Seneca St.)



Prepared By: THF

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Mill Race Commons, LLC	822 Seneca Street, Buffalo, NY	B0126-020-002

Photo No.	Date
7	03/28/20

Direction Photo Taken:
--

Description:
55-Gallon Drum Containing Groundwater Monitoring Purge Water.

Photo No.	Date
8	03/28/20

Direction Photo Taken:
--

Description:
55-Gallon Drum Containing Groundwater Monitoring Purge Water.

Prepared By: THF

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Mill Race Commons, LLC	822 Seneca Street, Buffalo, NY	B0126-020-002

Photo No.	Date
9	03/28/20

Direction Photo Taken:
N

Description:
Asphalt Paved Area (from Northwest corner)

Photo No.	Date
10	03/28/20

Direction Photo Taken:
N-NW

Description:
Asphalt Paved Area (from center)

Prepared By: THF

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Mill Race Commons, LLC	822 Seneca Street, Buffalo, NY	B0126-020-002

Photo No.	Date
11	03/28/20

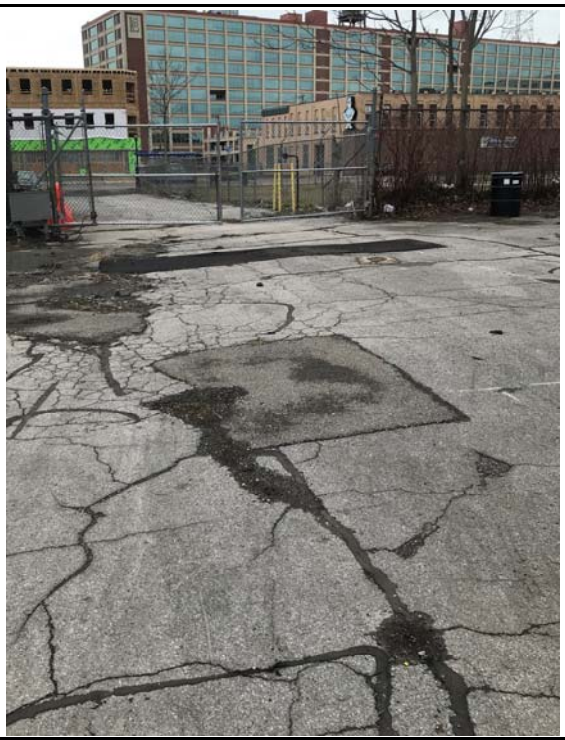
Direction Photo Taken:
NE

Description:
Asphalt Paved Area (looking toward Seymour St.)

Photo No.	Date
12	03/28/20

Direction Photo Taken:
SW

Description:
Asphalt Paved Area (looking toward Seneca St.)



Prepared By: THF

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.:
Mill Race Commons, LLC	822 Seneca Street, Buffalo, NY	B0126-020-002

Photo No.	Date
13	03/28/20

Direction Photo Taken:
N-NW

Description:
Groundwater Monitoring Well.

Prepared By: THF

APPENDIX C

2020 GROUNDWATER MONITORING SUMMARY REPORT

HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

15 April 2020
File No. 127836-005

Aramark Union & Career Apparel, LLC
8130 S. Meridian Street, Suite 1a
Indianapolis, IN 46217

Attention: Rebecca Armbruster
Director, Environmental Compliance

Subject: 2019-2020 Groundwater Monitoring Summary Report
Former American Linen Supply Co Facility
BCP Site Number: C915241
822 Seneca Street
Buffalo, New York

Dear Ms. Armbruster:

Haley & Aldrich of New York (Haley & Aldrich) is submitting this 2019-2020 Groundwater Monitoring Summary Report summarizing the results from the annual groundwater sampling event conducted in March 2020 at the Former American Linen Supply Co. facility site located at 822 Seneca Avenue, in Buffalo, New York (the "Site"). The Site was investigated and remediated under the New York State Department of Environmental Conservation's (NYSDEC) Brownfield Cleanup Program (BCP). The Site received a Certificate of Completion (COC) from the NYSDEC in December 2014. The groundwater monitoring described herein was completed in accordance with the Former American Linen Supply Co. Facility Site Management Plan, dated October 2014 (SMP), and the site access agreement dated 13 January 2014 between AmeriPride Services, Inc. (now Aramark Union & Career Apparel, LLC, the Responsible Party under the BCP, and the previous property owner) and Mill Race Commons, LLC (the current property owner as of 2013) and the revised sampling scope approved by NYSDEC via letter dated 23 April 2019 (hereinafter referred to as the "Revised Sampling Scope"). The Revised Sampling Scope limits future annual groundwater monitoring at the Site to wells MW-102R, MW-105, and MW-106.

Prior to remediation, the Site was most recently operated as an industrial dry-cleaning facility and industrial launderer. Dry cleaning ceased at the property in 1985. Operation of the launderer ceased in 2005. Remedial investigations and subsequent remedial actions were undertaken between 2011 and 2014. Contaminants of concern identified included dry-cleaning solvent-related compounds in soil, groundwater, and soil vapor, specifically the following target chlorinated volatile organic compounds (Target CVOCs): tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC). Periodic groundwater monitoring is a requirement of the SMP.

This report presents the annual groundwater monitoring results collected in March 2020 and provides an assessment of the results in accordance with the annual reporting requirements in Section 3.3 of the SMP and the Revised Sampling Scope approved by the NYSDEC.

Groundwater Sampling Events and Methodology

Groundwater sampling was performed by Haley & Aldrich on behalf of Aramark Union & Career Apparel, LLC (Aramark) on 13 March 2020, in accordance with Section 3.3 of the SMP and the Revised Sampling Scope. Groundwater depths were measured at monitoring wells MW-101, MW-102R, MW-103, MW-104, MW-105, MW-106, and MW-303[1]. Groundwater samples were collected from wells MW-102R, MW-105, and MW-106, and submitted for chemical analysis. Well locations and site features are detailed on the attached Groundwater Monitoring Well Network plan, Figure 1.

GROUNDWATER LEVEL READINGS AND WELL ASSESSMENT

At the start of the sampling event, the depth to groundwater was measured in the wells listed above and recorded on field forms included in Appendix A. The depth to groundwater measurements were used to prepare groundwater elevation contours, which are shown on Figure 2. Groundwater appears to be flowing in a south-southeast direction, which is generally consistent with historical data. The integrity of each well was assessed, and with the exception of MW-101, the wells appeared to be in good condition and do not need well maintenance and/or repair. Observations made during the March 2020 sampling event indicated the MW-101 well pad was cracked and the well vault lid was missing bolts. MW-101 well pad should be repaired and the bolts replaced during the next reporting period.

GROUNDWATER SAMPLING AND ANALYSIS

Each sampled well was purged using a disposable polypropylene bailer until three well volumes were removed, or the well was dry, whichever occurred first. Samples were collected into laboratory-supplied glassware immediately following purging. Groundwater Sampling Record forms are included in Appendix A.

Samples were stored on ice and relinquished to Alpha Analytical Laboratories at the end of the day. Samples were analyzed for the NYSDEC Target Compound List (TCL) for volatile organic compounds (VOCs) by EPA Method 8260C, and the laboratory analytical data report is included in Appendix B. Target CVOCs (PCE, TCE, cis-1,2-DCE, and VC) are summarized in Table I and discussed herein. The data were validated per the quality assurance/quality control requirements in the SMP. The groundwater data were found to be 100% usable. A data usability summary report (DUSR) is included in Appendix C. The analytical data were submitted to the NYSDEC electronically per their EQuIS filing requirements on

[1] MW-302 was formerly in the program but was likely destroyed during construction and paving of an adjacent property across Lord Street. The NYSDEC approved removal of well MW-302 from the sampling program on 5 May 2016. MW-301 was not sampled in March 2020 because the well was covered by construction equipment and inaccessible.

10 April 2020. Analytical results were compared to NYSDEC groundwater criteria[2] per the SMP, and further described in the Results Section below.

WASTE MANAGEMENT

Purge water from the sampling event was containerized and staged onsite in a 55-gallon steel, open-top drum. A request for "contained-in" determination was submitted to the NYSDEC on 7 April 2020, and a determination was received on 7 April 2020 that the purge water does not have to be managed as hazardous waste. The purge water drum was removed from the Site by NRC Environmental Services on 9 April 2020 and transported to ENPRO Services of Vermont, Inc. in Williston, VT. Waste disposal documentation is included in Appendix D.

Results and Conclusions

A summary of the Target CVOC sampling results can be found on Table I, which also includes the results of previous sampling events. In accordance with the Revised Sampling Scope, only wells MW-102R, MW-105, and MW-106 were sampled in March 2020. The recent results are described below:

- **Upgradient Well (MW-102R):** VC was detected at a concentration of 2.9 µg/L in MW-102R, which is above the NYSDEC groundwater standard and comparison criterion of 2 µg/L. The VC concentration has remained generally consistent in this well since commencement of sampling post-remediation.

- **Source Wells (MW-105, MW-106):** Concentrations of cis-1,2-DCE (23 µg/L in MW-105) and/or VC (7.8 µg/L in MW-105 and 4.9 µg/L in MW-106) continue to be detected in the groundwater from MW-105 and MW-106 at concentrations above NYSDEC criteria, but total Target CVOC concentrations remain substantially lower than the pre-remediation concentrations detected in 2012. Concentrations of CVOCs in these wells appear to be stable as compared to the previous sampling event. Overall trends from these wells are shown on Figure 3.

The 2020 results indicate that Target CVOC concentrations are stabilizing close to or below the NYSDEC groundwater standards and significantly below pre-remediation conditions. The overall concentrations of CVOCs in source area wells MW-105 and MW-106 have remained consistent or decreasing since 2013.

[2] New York State Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values, Class GA, dated June 1998, modified per the April 2000 addendum.

Please do not hesitate to contact the undersigned with questions.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Andrew L. Nichols
Technical Specialist

Janice D. Szucs, P.E.
Associate | Senior Project Manager

c: Mill Race Commons; Attn: Joseph Petrella
Kavinoky Cook LLP; Attn: Deborah Chadsey, Esq.
Glenn White, Haley & Aldrich

Attachments:

Table I – Summary of Analytical Results, Groundwater Wells
Figure 1 – Groundwater Monitoring Well Network
Figure 2 – Groundwater Elevation Contours – 13 March 2020
Figure 3 – Groundwater Concentration Trends (MW-105 and MW-106)
Appendix A – Field Forms and Inspection Records
Appendix B – Laboratory Analytical Data Report
Appendix C – Data Usability Summary Report
Appendix D – Waste Disposal Documentation

\\haleyaldrich.com\share\CF\Projects\127836\005 - 2019-2020 Site Management\Groundwater Report\2020_0415_Aramark_GW Summary Report_F.docx

TABLES

TABLE I
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER WELLS
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
BUFFALO, NY
BCP SITE #C915241

Location		MW-101							
Sample Date	NYSDEC TOGS 1.1.1 Class GA	12/11/2012	12/31/2013	05/05/2015	11/23/2015	5/13/2016	11/21/2016	7/11/2017	12/14/2018
Sample Depth (bgs)	ug/L	13.2 - 18.2 (ft)							
Volatile Organic Compounds (ug/L)									
cis-1,2-Dichloroethene	5	ND (0.2)	ND (0.7)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	ND (0.12)	ND (0.18)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	ND (0.15)	ND (0.17)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	2	ND (0.13)	ND (0.33)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Notes and Abbreviations:

1. "ND" indicates analyte not detected above the method detection limit shown.

2. Bold values exceed the standard/guidance value.

3. Results were compared to the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Class GA dated June 1998 modified per the April 2000 addendum (TOGS 1.1.1).

4. During the March 2020 sampling event, groundwater samples were analyzed for NYSDEC Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260C. The laboratory analytical data report is included in Appendix B. Only Target CVOCs are presented here in Table I.

TABLE I
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER WELLS
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
BUFFALO, NY
BCP SITE #C915241

Location		MW-102/MW-102R									
Sample Date	NYSDEC TOGS 1.1.1 Class GA	12/11/2012	12/31/2013	05/05/2015	11/23/2015	5/13/2016	11/21/2016	7/11/2017	12/14/2018	12/14/2018 (Dup)	3/13/2020
Sample Depth (bgs)	ug/L	12 - 17 (ft)									
Volatile Organic Compounds (ug/L)											
cis-1,2-Dichloroethene	5	**220**	**14**	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	**5.7**	ND (0.18)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	**20.5**	ND (0.17)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	2	**54.9**	**60**	**2.8**	**2.8 J**	ND (1)	**5**	0.64 J	**3**	**2.8**	**2.9**

Notes and Abbreviations:

1. "ND" indicates analyte not detected above the method detection limit shown.

2. Bold values exceed the standard/guidance value.

3. Results were compared to the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Class GA dated June 1998 modified per the April 2000 addendum (TOGS 1.1.1).

4. During the March 2020 sampling event, groundwater samples were analyzed for NYSDEC Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260C. The laboratory analytical data report is included in Appendix B. Only Target CVOCs are presented here in Table I.

TABLE I
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER WELLS
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
BUFFALO, NY
BCP SITE #C915241

Location		MW-103								
Sample Date	NYSDEC TOGS 1.1.1 Class GA	12/14/2012 (Dup)	12/14/2012	12/26/2013	05/05/2015	11/23/2015	5/13/2016	11/21/2016	7/11/2017	12/14/2018
Sample Depth (bgs)	ug/L	10.9 - 15.9 (ft)								
Volatile Organic Compounds (ug/L)										
cis-1,2-Dichloroethene	5	**28.6 J**	**28.9 J**	ND (2.8)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	4.8	4.4	ND (0.72)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	3	2.9	ND (0.7)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	2	**55.8**	**55.1**	ND (1.3)	ND (1)	0.23 J	ND (1)	0.28 J	ND (1)	0.36 J

Notes and Abbreviations:

1. "ND" indicates analyte not detected above the method detection limit shown.

2. Bold values exceed the standard/guidance value.

3. Results were compared to the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Class GA dated June 1998 modified per the April 2000 addendum (TOGS 1.1.1).

4. During the March 2020 sampling event, groundwater samples were analyzed for NYSDEC Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260C. The laboratory analytical data report is included in Appendix B. Only Target CVOCs are presented here in Table I.

TABLE I
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER WELLS
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
BUFFALO, NY
BCP SITE #C915241

Location		MW-104								
Sample Date	NYSDEC TOGS 1.1.1 Class GA	12/13/2012	12/26/2013	05/05/2015	05/05/2015 (Dup)	11/23/2015	5/13/2016	11/21/2016	7/11/2017	12/14/2018
Sample Depth (bgs)	ug/L	11.3 - 16.3 (ft)								
Volatile Organic Compounds (ug/L)										
cis-1,2-Dichloroethene	5	ND (0.2)	ND (0.7)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	ND (0.12)	ND (0.18)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	0.2 J	ND (0.5)
Trichloroethene	5	ND (0.15)	ND (0.17)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	2	ND (0.13)	ND (0.33)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Notes and Abbreviations:

1. "ND" indicates analyte not detected above the method detection limit shown.

2. Bold values exceed the standard/guidance value.

3. Results were compared to the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Class GA dated June 1998 modified per the April 2000 addendum (TOGS 1.1.1).

4. During the March 2020 sampling event, groundwater samples were analyzed for NYSDEC Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260C. The laboratory analytical data report is included in Appendix B. Only Target CVOCs are presented here in Table I.

TABLE I
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER WELLS
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
BUFFALO, NY
BCP SITE #C915241

Location	NYSDEC TOGS 1.1.1 Class GA	MW-105								
Sample Date		12/13/2012	12/27/2013	05/05/2015	11/23/2015	5/13/2016	11/21/2016	7/11/2017	12/14/2018	3/13/2020
Sample Depth (bgs)	ug/L	10.6 - 15.6 (ft)								
Volatile Organic Compounds (ug/L)										
cis-1,2-Dichloroethene	5	**99.2 J**	**49**	**37**	**61 J**	**43**	**59**	**33**	**38**	**23**
Tetrachloroethene	5	**21.5 J**	1	0.49 J	**7.1 J**	1.8	3.3	1	0.65	1
Trichloroethene	5	**14.1 J**	1.3	0.5	4.1 J	1.8	3.9	1.6	1.4	1.3
Vinyl chloride	2	**4.6 J**	0.54 J	0.41 J	**3.0 J**	**2.8**	**6.6**	**6.2**	**6.6**	**7.8**

Notes and Abbreviations:

1. "ND" indicates analyte not detected above the method detection limit shown.

2. Bold values exceed the standard/guidance value.

3. Results were compared to the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Class GA dated June 1998 modified per the April 2000 addendum (TOGS 1.1.1).

4. During the March 2020 sampling event, groundwater samples were analyzed for NYSDEC Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260C. The laboratory analytical data report is included in Appendix B. Only Target CVOCs are presented here in Table I.

TABLE I
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER WELLS
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
BUFFALO, NY
BCP SITE #C915241

Location		MW-106													
Sample Date	NYSDEC TOGS 1.1.1 Class GA	12/14/2012	12/26/2013	05/05/2015	11/23/2015	11/23/2015 (Dup)	05/13/2016	05/13/2016 (Dup)	11/21/2016	11/21/2016 (Dup)	7/11/2017	7/11/2017 (Dup)	12/14/2018	3/13/2020	3/13/2020 (Dup)
Sample Depth (bgs)	ug/L	9.6 - 14.6 (ft)													
Volatile Organic Compounds (ug/L)															
cis-1,2-Dichloroethene	5	**160 J**	ND (7)	**11**	**13 J**	**12 J**	**7.9**	**8 J**	4.1	3.4	4.9	4.3	4.1	1.7 J	1.8 J
Tetrachloroethene	5	**58.4**	ND (1.8)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	**47.4**	ND (1.7)	0.35 J	0.40 J	0.41 J	0.33 J	0.31 J	ND (0.5)	ND (0.5)	0.2 J	0.18 J	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	2	**99.7**	**12**	**17**	**26 J**	**23 J**	**9.2 J**	ND (1)	**6.4**	**5.8**	**8.4**	**7.6**	**9**	**4.7**	**4.9**

Notes and Abbreviations:

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2. Bold values exceed the standard/guidance value.

3. Results were compared to the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Class GA dated June 1998 modified per the April 2000 addendum (TOGS 1.1.1).

4. During the March 2020 sampling event, groundwater samples were analyzed for NYSDEC Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260C. The laboratory analytical data report is included in Appendix B. Only Target CVOCs are presented here in Table I.

TABLE I
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER WELLS
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
BUFFALO, NY
BCP SITE #C915241

Location		MW-301							
Sample Date	NYSDEC TOGS 1.1.1 Class GA	03/27/2013	12/30/2013	05/05/2015	11/23/2015	5/13/2016	11/21/2016	7/11/2017	12/14/2018
Sample Depth (bgs)	ug/L	13.5 - 18.5 (ft)							
Volatile Organic Compounds (ug/L)									
cis-1,2-Dichloroethene	5	ND (0.2)	ND (0.7)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	ND (0.12)	ND (0.18)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	4	ND (0.17)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	2	ND (0.13)	ND (0.33)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)

Notes and Abbreviations:

1. "ND" indicates analyte not detected above the method detection limit shown.

2. Bold values exceed the standard/guidance value.

3. Results were compared to the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Class GA dated June 1998 modified per the April 2000 addendum (TOGS 1.1.1).

4. During the March 2020 sampling event, groundwater samples were analyzed for NYSDEC Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260C. The laboratory analytical data report is included in Appendix B. Only Target CVOCs are presented here in Table I.

TABLE I
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER WELLS
FORMER AMERICAN LINEN SUPPLY COMPANY FACILITY
BUFFALO, NY
BCP SITE #C915241

Location		MW-303							
Sample Date	NYSDEC TOGS 1.1.1 Class GA	03/27/2013	12/30/2013	05/05/2015	11/23/2015	5/13/2016	11/21/2016	7/11/2017	12/14/2018
Sample Depth (bgs)	ug/L	11.1 - 15.8 (ft)							
Volatile Organic Compounds (ug/L)									
cis-1,2-Dichloroethene	5	ND (0.2)	ND (0.7)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
Tetrachloroethene	5	ND (0.12)	ND (0.18)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Trichloroethene	5	1.8	ND (0.17)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Vinyl chloride	2	ND (0.13)	ND (0.33)	ND (1)	ND (1)	ND (1)	0.11 J	ND (1)	ND (1)

Notes and Abbreviations:

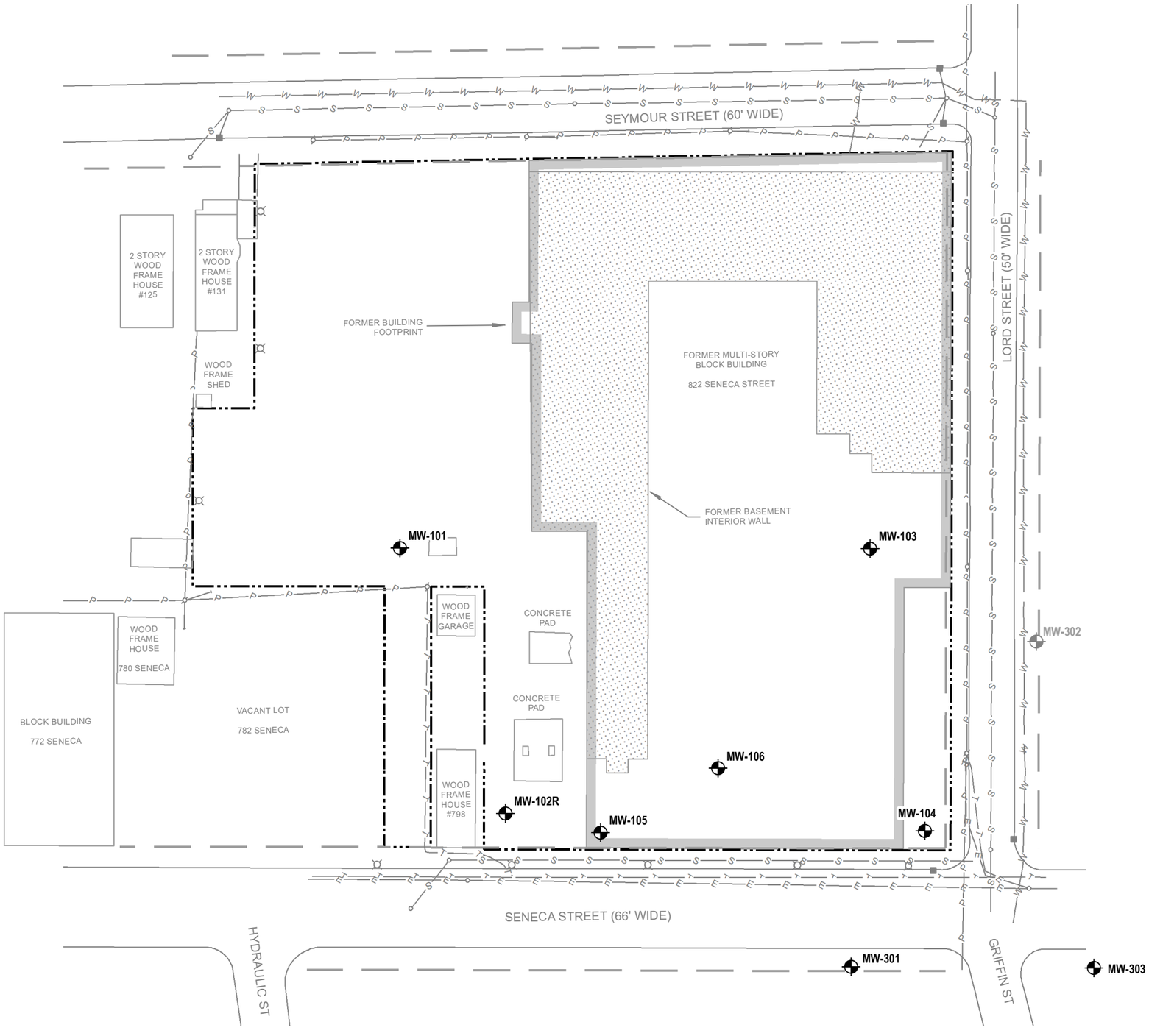
1. "ND" indicates analyte not detected above the method detection limit shown.

2. Bold values exceed the standard/guidance value.

3. Results were compared to the New York State Department of Environmental Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Class GA dated June 1998 modified per the April 2000 addendum (TOGS 1.1.1).

4. During the March 2020 sampling event, groundwater samples were analyzed for NYSDEC Target Compound List (TCL) volatile organic compounds (VOCs) by EPA Method 8260C. The laboratory analytical data report is included in Appendix B. Only Target CVOCs are presented here in Table I.

FIGURES



LEGEND

- MONITORING WELL
- MONITORING WELL - DESTROYED
- SITE BOUNDARY
- P — OVERHEAD POWER
- S — SANITARY SEWER
- T — UNDERGROUND TELEPHONE
- E — UNDERGROUND ELECTRIC
- W — UNDERGROUND WATER

NOTES

1. MONITORING WELLS MW-101, MW-102R, MW-103, MW-104, MW-105, AND MW-106 INSTALLED IN 2012.
2. MONITORING WELLS MW-301, M-302, AND MW-303 INSTALLED IN 2013.
3. MONITORING WELL MW-302 WAS DESTROYED.
4. SITE BOUNDARY AND PROPERTY BOUNDARY ARE THE SAME.
5. BASEMENT DIMENSIONS ARE APPROXIMATE.
6. BASE MAP SOURCE: HOFFMAN LAND SURVEYING, 1 JANUARY 2014

0 60 120
SCALE IN FEET

HALEY ALDRICH

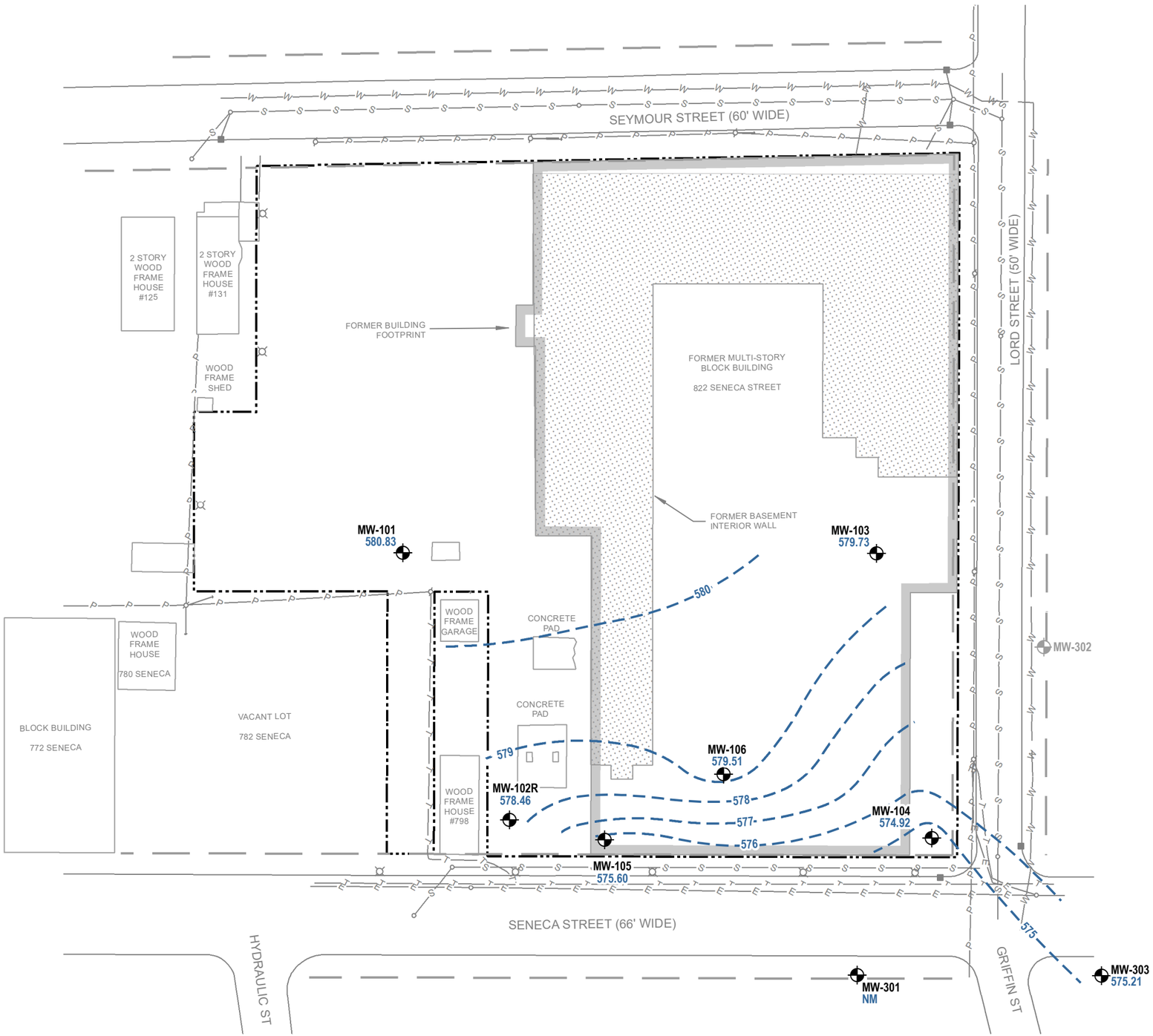
FORMER AMERICAN LINEN SUPPLY COMPANY
822 SENECA STREET
BUFFALO, NEW YORK

GROUNDWATER MONITORING WELL NETWORK

APRIL 2020

FIGURE 1

GIS FILE PATH: G:\373\19 (AmeriPride, 8 Lord Street, Buffalo)\GIS Maps\2020_03\1127836_005_00MB_GROUNDWATER_CONTOUR_2020_0313.mxd — USER: anichols — LAST SAVED: 3/25/2020 9:54:42 AM



LEGEND

- MONITORING WELL, WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- MONITORING WELL - DESTROYED
- GROUNDWATER POTENTIOMETRIC CONTOUR ELEVATION, 1-FOOT INTERVAL, IN FEET ABOVE MEAN SEA LEVEL
- SITE BOUNDARY
- P — OVERHEAD POWER
- S — SANITARY SEWER
- T — UNDERGROUND TELEPHONE
- E — UNDERGROUND ELECTRIC
- W — UNDERGROUND WATER

NOTES

1. GROUNDWATER DEPTHS MEASURED 13 MARCH 2020 BY H&A PERSONNEL.
2. MONITORING WELL MW-301 NOT LOCATED OR SAMPLED DUE TO OVERLYING CONSTRUCTION MATERIALS.
3. NM = NOT MEASURED
4. SITE BOUNDARY AND PROPERTY BOUNDARY ARE THE SAME.
5. BASE MAP SOURCE: HOFFMAN LAND SURVEYING, 1 JANUARY 2014

0 60 120
SCALE IN FEET

HALEY ALDRICH

FORMER AMERICAN LINEN SUPPLY COMPANY
822 SENECA STREET
BUFFALO, NEW YORK

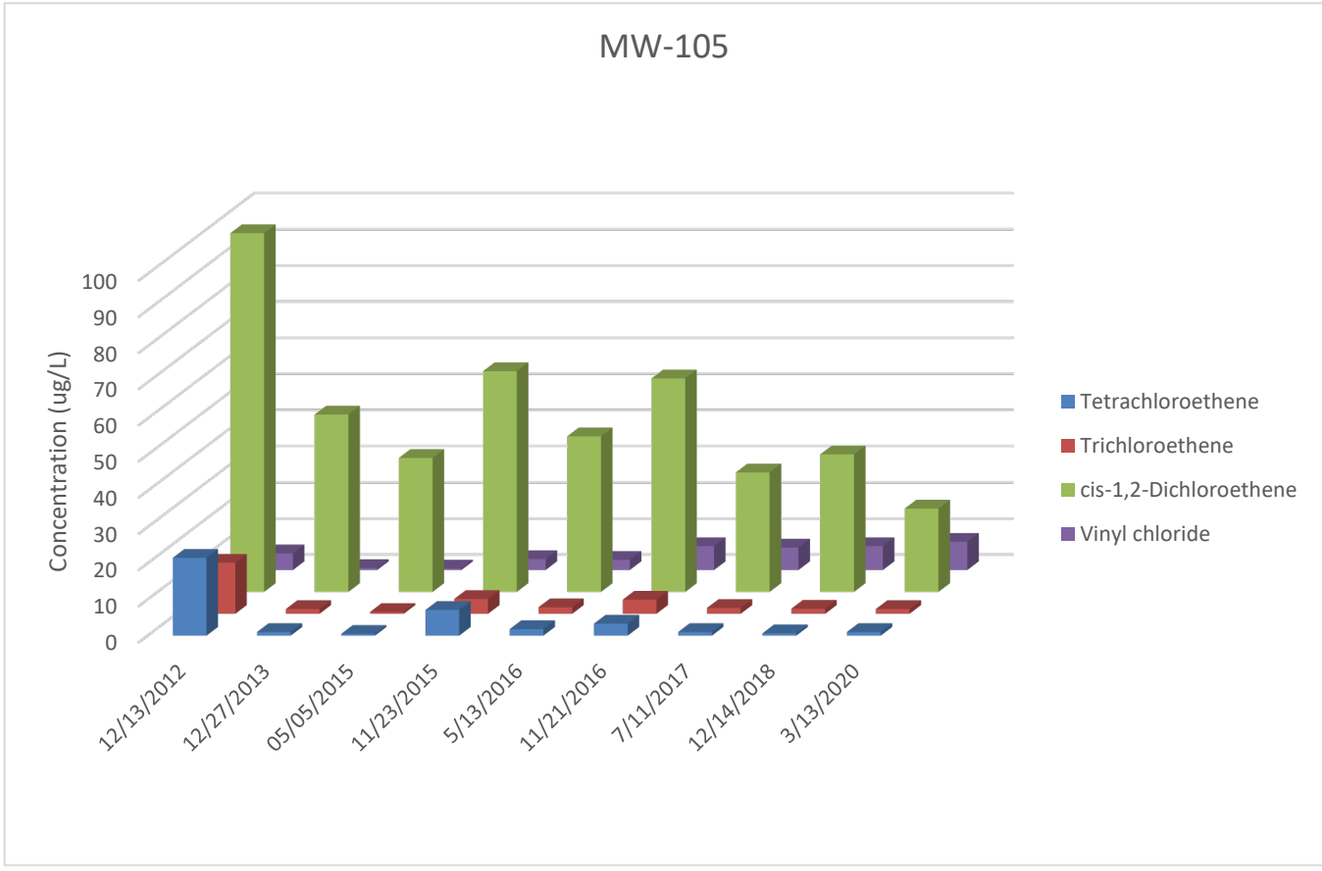
GROUNDWATER ELEVATION CONTOURS - 13 MARCH 2020

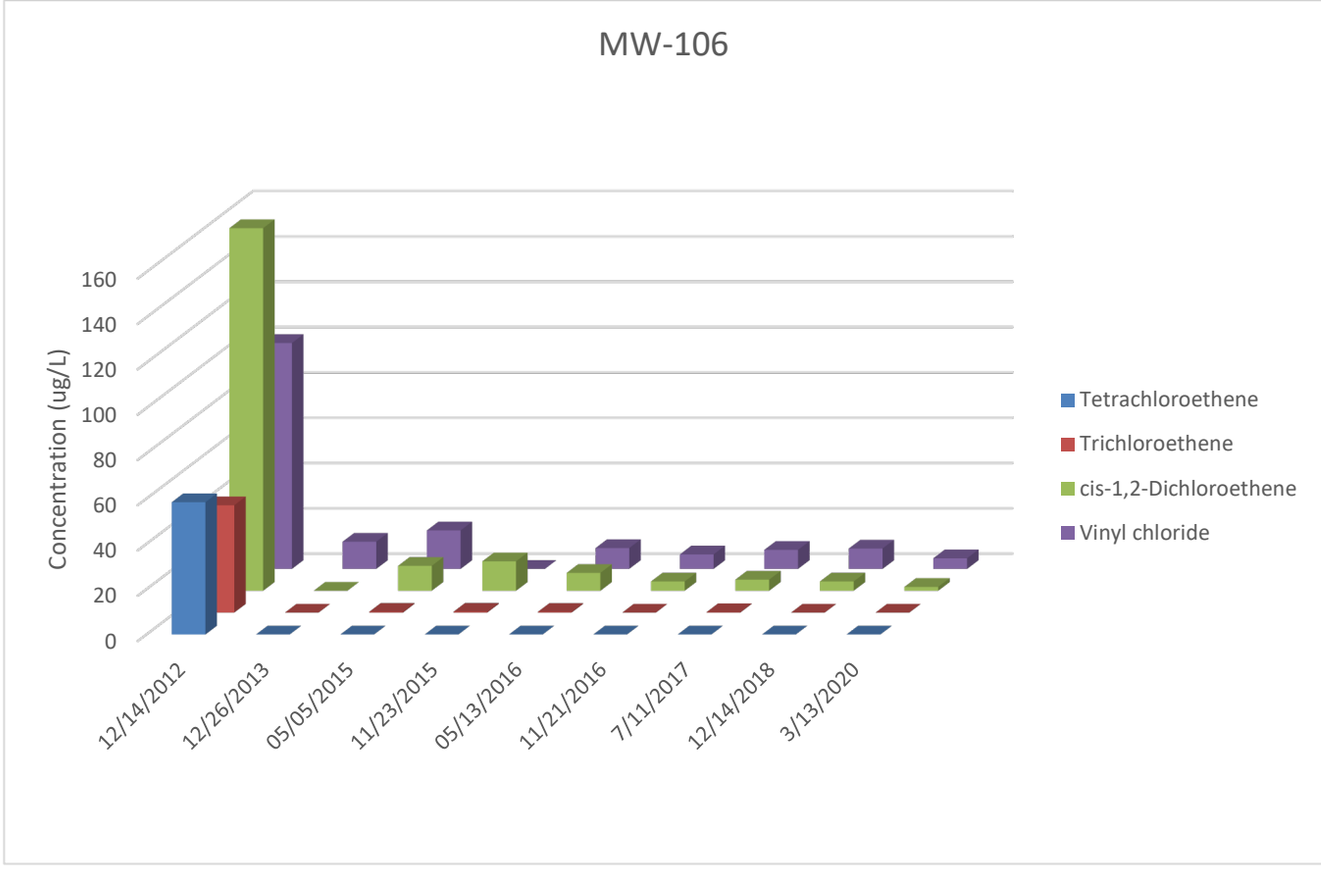
APRIL 2020

FIGURE 2

GIS FILE PATH: G:\37319 (AmeriPride, 8 Lord Street, Buffalo)\GISMaps\2020_03\127836_005_00MB_GROUNDWATER_CONTOUR_2020_0313.mxd — USER: anichols — LAST SAVED: 3/25/2020 9:54:42 AM

Figure 3 - Groundwater Concentration Trends (MW-105 and MW-106)





APPENDIX A

Field Forms and Inspection Records

Static Water Levels

Location (Site/Facility Name): Aramark
Location (Address): 822 Seneca Street
Client:

Date: 3/13/20
Performed By: R. Lytell
Job Number: 127836-005

Well ID	Riser Elevation* (NAVD 1988)	Water Level (from Top of Riser)	Well Condition/Notes	Repairs Needed?
MW-101	585.22	4.39	No bolts well pad cracked water inside flushmount	Yes
MW-102R	585.3	6.84		No
MW-103	582.64	2.91		No
MW-104	582.00	7.08		No
MW-105	582.41	6.81		No
MW-106	582.42	2.91		NO
MW-301	582.14	—	Could not find due to construction	
MW-302	581.35	—	Abandoned	—
MW-303	581.79	6.58	well cover cemented in place removed w/ hammer	

* - Riser elevations were surveyed in 2014.

GROUNDWATER SAMPLING RECORD

Page 1 of 1

PROJECT	Aramark	H&A FILE NO.	127836-005
LOCATION	Buffalo, NY	PROJECT MGR.	
CLIENT		FIELD REP	R. Lydell
CONTRACTOR		DATE	3/13/20

GROUNDWATER SAMPLING INFORMATION

Well No.		MW-106	MW-105	MW-102R			
Water Depth (ft)		2.91	6.81	6.84			
Time		09:30	09:35	09:40			
Product		—	—	—			
Depth Of Well (ft)		15.75	16.02	16.85			
Inside Diameter (in)		2	2	2			
Standing Water Depth (ft)[1]		12.84	9.21	10.01			
Volume Of Water In Well (gal)		2.18	1.57	1.7			
Purging Device		Bailer	Bailer	Bailer			
Volume of Bailer/Pump Capacity		~1L	~1L	~1L			
Cleaning Procedure		Dedicated	Dedicated	Dedicated			
Bails Removed/ Volume Removed		6.5 gal	5 gal	5 gal			
Time Purging Started		09:50	11:05	11:50			
Time Purging Stopped		10:25	11:25	12:25			
Sampling Device		Bailer	Bailer	Bailer			
Cleaning Procedure		Dedicated	Dedicated	Dedicated			
TIME SAMPLES TAKEN	VOCs	11:00	11:30	12:30			
PARAMETERS	Color	Cloudy	Turbid	Cloudy			
	Odor	Sulfur	none	none			
	pH	7.28	7.06	7.97			
	Conductivity mS/cm	1.23	2.96	0.70			
	Turbidity NTU	94.4	>1,000	42			
	Dissolved Oxygen	1.75	2.56	1.50			
	Temp, °C	9.9	10.8	11.1			
	Salinity ORP	-144.9	-67.1	-126.1			

Remarks: (ie: field filtrations, persons communicated with at site, etc.)

1. Standing Water Depth = Depth of Well - Water Depth

Brad Glass - 716-830-5060

Form 3005

APPENDIX B

Laboratory Analytical Data Report

HALEY ALDRICH

ANALYTICAL REPORT

Lab Number:	L2011694
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Santa McKenna
Phone:	(585) 321-4238
Project Name:	FORMER AMERICAN LINEN SUPPLY
Project Number:	37319-054
Report Date:	03/18/20

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: FORMER AMERICAN LINEN SUPPLY
Project Number: 37319-054

Lab Number: L2011694
Report Date: 03/18/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2011694-01	4125-031320-0001	WATER	BUFFALO, NY	03/13/20 00:00	03/13/20
L2011694-02	4125-031320-0002	WATER	BUFFALO, NY	03/13/20 00:00	03/13/20
L2011694-03	MW106-031320-1100	WATER	BUFFALO, NY	03/13/20 11:00	03/13/20
L2011694-04	MW105-031320-1130	WATER	BUFFALO, NY	03/13/20 11:30	03/13/20
L2011694-05	MW102R-031320-1230	WATER	BUFFALO, NY	03/13/20 12:30	03/13/20

Project Name:	FORMER AMERICAN LINEN SUPPLY	**Lab Number:**	L2011694
Project Number:	37319-054	**Report Date:**	03/18/20

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:	FORMER AMERICAN LINEN SUPPLY	**Lab Number:**	L2011694
Project Number:	37319-054	**Report Date:**	03/18/20

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: Michelle M. Morris

Title: Technical Director/Representative Date: 03/18/20

ORGANICS

VOLATILES

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-01
Client ID: 4125-031320-0001
Sample Location: BUFFALO, NY

Date Collected: 03/13/20 00:00
Date Received: 03/13/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/17/20 12:08
Analyst: AJK

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
1,3-Dichloropropene, Total	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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-01 Date Collected: 03/13/20 00:00

Client ID: 4125-031320-0001 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-01 Date Collected: 03/13/20 00:00

Client ID: 4125-031320-0001 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-02
Client ID: 4125-031320-0002
Sample Location: BUFFALO, NY

Date Collected: 03/13/20 00:00
Date Received: 03/13/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/17/20 12:33
Analyst: AJK

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
1,3-Dichloropropene, Total	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	4.9		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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-02 Date Collected: 03/13/20 00:00

Client ID: 4125-031320-0002 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.8	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.8	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	4.3	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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-02 Date Collected: 03/13/20 00:00

Client ID: 4125-031320-0002 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-03
Client ID: MW106-031320-1100
Sample Location: BUFFALO, NY

Date Collected: 03/13/20 11:00
Date Received: 03/13/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/17/20 12:59
Analyst: AJK

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
1,3-Dichloropropene, Total	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	0.72	J	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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-03 Date Collected: 03/13/20 11:00

Client ID: MW106-031320-1100 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.7	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.7	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	3.2	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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-03 Date Collected: 03/13/20 11:00

Client ID: MW106-031320-1100 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-04
Client ID: MW105-031320-1130
Sample Location: BUFFALO, NY

Date Collected: 03/13/20 11:30
Date Received: 03/13/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/17/20 13:24
Analyst: AJK

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	1.0		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
1,3-Dichloropropene, Total	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	7.8		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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-04 Date Collected: 03/13/20 11:30

Client ID: MW105-031320-1130 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	23		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	23		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	3.6	J	ug/l	5.0	1.0	1
Acetone	5.3		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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-04 Date Collected: 03/13/20 11:30

Client ID: MW105-031320-1130 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	98		70-130

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-05
Client ID: MW102R-031320-1230
Sample Location: BUFFALO, NY

Date Collected: 03/13/20 12:30
Date Received: 03/13/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/17/20 13:50
Analyst: AJK

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
1,3-Dichloropropene, Total	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	2.9		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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-05 Date Collected: 03/13/20 12:30

Client ID: MW102R-031320-1230 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

SAMPLE RESULTS

Lab ID: L2011694-05 Date Collected: 03/13/20 12:30

Client ID: MW102R-031320-1230 Date Received: 03/13/20

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/17/20 10:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1352198-5					
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
1,3-Dichloropropene, Total	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	0.77	J	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

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/17/20 10:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1352198-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Project Name: FORMER AMERICAN LINEN SUPPLY **Lab Number:** L2011694

Project Number: 37319-054 **Report Date:** 03/18/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/17/20 10:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1352198-5					
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER AMERICAN LINEN SUPPLY

Project Number: 37319-054

Lab Number: L2011694

Report Date: 03/18/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1352198-3 WG1352198-4								
Methylene chloride	88		85		70-130	3		20
1,1-Dichloroethane	99		95		70-130	4		20
Chloroform	87		84		70-130	4		20
Carbon tetrachloride	92		90		63-132	2		20
1,2-Dichloropropane	98		96		70-130	2		20
Dibromochloromethane	89		83		63-130	7		20
1,1,2-Trichloroethane	87		84		70-130	4		20
Tetrachloroethene	88		84		70-130	5		20
Chlorobenzene	93		86		75-130	8		20
Trichlorofluoromethane	91		89		62-150	2		20
1,2-Dichloroethane	90		90		70-130	0		20
1,1,1-Trichloroethane	92		86		67-130	7		20
Bromodichloromethane	87		86		67-130	1		20
trans-1,3-Dichloropropene	90		87		70-130	3		20
cis-1,3-Dichloropropene	88		86		70-130	2		20
Bromoform	86		84		54-136	2		20
1,1,2,2-Tetrachloroethane	85		83		67-130	2		20
Benzene	88		85		70-130	3		20
Toluene	94		88		70-130	7		20
Ethylbenzene	93		89		70-130	4		20
Chloromethane	86		84		64-130	2		20
Bromomethane	87		86		39-139	1		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER AMERICAN LINEN SUPPLY

Project Number: 37319-054

Lab Number: L2011694

Report Date: 03/18/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1352198-3 WG1352198-4								
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	91		87		61-145	4		20
trans-1,2-Dichloroethene	91		87		70-130	4		20
Trichloroethene	87		85		70-130	2		20
1,2-Dichlorobenzene	95		92		70-130	3		20
1,3-Dichlorobenzene	94		91		70-130	3		20
1,4-Dichlorobenzene	94		90		70-130	4		20
Methyl tert butyl ether	84		84		63-130	0		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	88		86		70-130	2		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	91		84		36-147	8		20
Acetone	93		97		58-148	4		20
Carbon disulfide	89		86		51-130	3		20
2-Butanone	86		87		63-138	1		20
4-Methyl-2-pentanone	95		89		59-130	7		20
2-Hexanone	79		80		57-130	1		20
Bromochloromethane	94		92		70-130	2		20
1,2-Dibromoethane	86		83		70-130	4		20
n-Butylbenzene	98		93		53-136	5		20
sec-Butylbenzene	100		94		70-130	6		20
tert-Butylbenzene	85		80		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER AMERICAN LINEN SUPPLY

Project Number: 37319-054

Lab Number: L2011694

Report Date: 03/18/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1352198-3 WG1352198-4								
1,2-Dibromo-3-chloropropane	78		80		41-144	3		20
Isopropylbenzene	100		94		70-130	6		20
p-Isopropyltoluene	100		96		70-130	4		20
Naphthalene	89		90		70-130	1		20
n-Propylbenzene	97		93		69-130	4		20
1,2,3-Trichlorobenzene	80		81		70-130	1		20
1,2,4-Trichlorobenzene	87		83		70-130	5		20
1,3,5-Trimethylbenzene	100		93		64-130	7		20
1,2,4-Trimethylbenzene	99		92		70-130	7		20
Methyl Acetate	76		74		70-130	3		20
Cyclohexane	100		98		70-130	2		20
1,4-Dioxane	92		92		56-162	0		20
Freon-113	95		89		70-130	7		20
Methyl cyclohexane	93		89		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		100		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	96		99		70-130

Project Name: FORMER AMERICAN LINEN SUPPLY
Project Number: 37319-054

Lab Number: L2011694
Report Date: 03/18/20

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(*)
L2011694-01A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-01B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-02A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-02B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-02C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-03A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-03B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-03C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-04A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-04B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-04C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-05A	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-05B	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2011694-05C	Vial HCl preserved	A	NA		2.2	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	FORMER AMERICAN LINEN SUPPLY	**Lab Number:**	L2011694
Project Number:	37319-054	**Report Date:**	03/18/20

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.
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.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER AMERICAN LINEN SUPPLY	**Lab Number:**	L2011694
Project Number:	37319-054	**Report Date:**	03/18/20

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. 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.

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.

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER AMERICAN LINEN SUPPLY	**Lab Number:**	L2011694
Project Number:	37319-054	**Report Date:**	03/18/20

Data Qualifiers

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER AMERICAN LINEN SUPPLY	**Lab Number:**	L2011694
Project Number:	37319-054	**Report Date:**	03/18/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
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.**

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.

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.

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: Brewer, ME 04412 — Portsmouth, NH 03801 — Mahwah, NJ 07430 — Albany, NY 12205 — Tonawanda, NY 14150 — Holmes, PA 19043

Page 1 of 1

Date Rec'd in Lab: 3/14/20

ALPHA Job #: L2011694

H&A Information
- H&A Client:
- H&A Address: 200 Town Centre Dr Suite 200 Rochester NY
- H&A Phone: 585-321-4242
- H&A Fax:
- H&A Email: SMcKenna@haleyaldrich.com

Project Information
- Project Name: Former American Linen Supply Co Facility
- Project Location: Buffalo, NY
- Project #: 37319-054
- (Use Project name as Project #): ☐
- Project Manager: Sinta McKenna
- ALPHAQuote #:

Turn-Around Time
- Standard ☑ — Due Date:
- Rush (only if pre approved) ☐ — # of Days:

Deliverables
- ☐ Email ☐ Fax
- ☐ EQuIS (1 File) ☐ EQuIS (4 File)
- ☐ Other:

Billing Information
- ☐ Same as Client Info
- PO #

Regulatory Requirements (Program/Criteria)
Note: Select State from menu & identify criteria.

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	NYTCL 8260 VOCs	Sample Specific Comments	Total Bottles
11694-01	4125-031320-0001	3/13/20	—	WQ	R.S.L	X		3
-02	4125-031320-0002		—	WG		X		3
-03	MW106-031320-1100		11:00	WG		X		3
-04	MW105-031320-1130		11:30	WG		X		3
-05	MW102R-031320-1230		12:30	WG		X		3

Container Type: V
Preservative: 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
	3/13/20 15:00	RCunningham AAL	3/13/20 17:52
RCunningham AAL	3/13/20 17:52		3/14/20 0125

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. Alpha Analytical's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement# 2015-18-Alpha Analytical by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Alpha Analytical.

Document ID: 20455 Rev 1 (1/28/2016)

APPENDIX C

Data Usability Summary Report

HALEY ALDRICH

Haley & Aldrich, Inc.
600 South Meyer Ave
Suite 100
Tucson, AZ 85701
520.289.8621

Data Usability Summary Report

Project Name: Former American Linen Supply Co. Facility

Analytical Laboratory: Alpha Analytical – Westborough, MA;

Validation Performed by: Santa McKenna

Validation Reviewed by: Katherine Miller

Validation Date: 26 March 2020

Haley & Aldrich, Inc., prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the Former American Linen Supply Co. Facility groundwater samples collected on 13 March 2020 and submitted to Alpha Analytical – Westborough, MA . The analytical results for the Sample Delivery Group(s) (SDG) listed below were reviewed to determine the data's usability.

This data validation and usability assessment was performed as per the guidance and requirements established by the U.S. Environmental Protection Agency's (EPA) "*National Functional Guidelines for Inorganic Data Review"* and "*National Functional Guidelines for Organic Data Review"* and the project-specific Quality Assurance Project Plan (QAPP), herein referred to as the specified limits. Data in this report have been reviewed against the most recent NFGs. The following quality assurance/quality control (QA/QC) criteria from the analysis of the project samples were reviewed as applicable:

1. Sample Delivery Group Number L2011694 (Alpha Analytical)

- Holding Times/Preservation
- Reporting Limits and Sample Dilution
- Blank Sample Analysis
- Surrogate Recovery Compliance
- Laboratory Control Samples
- Matrix Spike Samples
- Laboratory and Field Duplicate Sample Analysis
- System Performance and Overall Assessment

Analytical precision and accuracy were evaluated based on the analyses performed concurrently with the project samples or based on field duplicates collected at the site.

Data reported in this sampling event were reported to the laboratory reporting limit (RL) . Results found between the MDL and reporting limit (RL) are flagged "J" as estimated.

Sample data were qualified in accordance with laboratory's standard operating procedures (SOPs). The results presented in each laboratory report were found to be compliant with the data quality objectives for the project and therefore usable; any exceptions are noted in the following pages.

1. Sample Delivery Group Number L2011694 (Alpha Analytical)

1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG number L2011694, dated 18 March 2020. Samples were collected, preserved, and shipped following standard chain of custody (COC) protocol. Samples were also received appropriately, identified correctly, and analyzed according to the chain of custody. COCs were appropriately signed and dated by the field and/or laboratory personnel.

Analyses were performed on the following samples:

Sample ID	Sample Type	Lab ID	Sample Collection Date	Matrix	Methods	Holding Time
4125-031320-0001	TB	L2011694-01	3/13/2020	Groundwater	EPA Method 8260C	7 days unpreserved/ 14 days preserved
4125-031320-0002	FD	L2011694-02	3/13/2020	Groundwater	EPA Method 8260C	7 days unpreserved/ 14 days preserved
MW106-031320-1100	N	L2011694-03	3/13/2020	Groundwater	EPA Method 8260C	7 days unpreserved/ 14 days preserved
MW105-031320-1130	N	L2011694-04	3/13/2020	Groundwater	EPA Method 8260C	7 days unpreserved/ 14 days preserved
MW102R-031320-1230	N	L2011694-05	3/13/2020	Groundwater	EPA Method 8260C	7 days unpreserved/ 14 days preserved

1.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified as per each method's protocol.

Cooler temperature on arrival to the laboratory was: 2.2 degrees Celsius.

1.3 REPORTING LIMITS AND SAMPLE DILUTION

The reporting limits for the samples within this SDG met or were below the minimum reporting limit requirements specified by the project-specific QAPP. No dilutions were performed for the analysis of the samples in this report.

1.4 BLANK SAMPLE ANALYSIS

Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination. Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

Blank Type	Batch ID	Analyte Detected in Blank	Concentration (unit)	Qualifier	Affected Samples
Method Blank	WG1352198-5	Bromomethane	0.77 J	RL U	MW106-031320-1100

Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport. The analysis of the blank samples for field quality control was free of target compounds.

1.5 SURROGATE RECOVERY COMPLIANCE

Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to preparing samples for determining the efficiency of the extraction procedure by evaluating the percent recovery (%R) of the compounds. The %R for each surrogate compound added to each project samples was determined to be within the laboratory specified quality control limits.

1.6 LABORATORY CONTROL SAMPLES

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences. Compounds associated with the LCS/LCSD analyses exhibited recoveries and relative percent differences (RPDs) within the specified limits.

1.7 MATRIX SPIKE SAMPLES

Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies. No client samples were used for MS/MSD analysis in this SDG.

1.8 LABORATORY AND FIELD DUPLICATE SAMPLES

The laboratory duplicate sample analysis is used by the laboratory at the time of analysis to demonstrate acceptable method precision. The laboratory did not analyze any laboratory duplicates in this SDG.

The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The following sample(s) were used for field duplicate analysis and the RPDs were all below 35% for water (or the absolute difference rule was satisfied if detects were less than 5x the RL). Any exceptions are noted below and qualified.

Primary Sample ID	Duplicate Sample ID	Method(s)
MW106-031320-1100	4125-031320-0002	EPA Method 8260

Field Duplicate RPD Calculations:

Method(s): EPA 8260C				
Analyte (µg/L)	Primary Sample ID	Duplicate Sample ID	% RPD	Qualification
	MW106-031320-1100	4125-031320-0002		
Vinyl Chloride	4.7	4.9	NA	None, Abs. Diff. < RL
Bromomethane	0.72 J	2.5 U	NA	None, Abs. Diff. < RL
Cis-1,2-Dichloroethene	1.7 J	1.8 J	NA	None, Abs. Diff. < RL
Total 1,2-Dichloroethene	1.7 J	1.8 J	NA	None, Abs. Diff. < RL
Acetone	3.2 J	4.3 J	NA	None, Abs. Diff. < RL

1.9 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the data quality objectives for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are 100% useable. A summary of qualifiers applied to this SDG are shown below.

Sample ID	Analyte	Reported Result	Validated Result	Reason for Qualifier
MW106-031320-1100	Bromomethane	0.72 J	2.5 U	Method blank contamination

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Glossary

- Sample Types:
  - N — Primary Sample
  - FD — Field Duplicate Sample
  - FB — Field Blank Sample
  - EB — Equipment Blank Sample
  - TB — Trip Blank Sample
- Units:
  - µg/L or ug/L — micrograms per liter
- Table Footnotes
  - NA — Not applicable
  - ND — Non-detect
  - NR — Not reported
- Abbreviations
  - DUSR — Data Usability Summary Report
  - SDG — Sample Delivery Group
  - EPA — Environmental Protection Agency
  - NFG — National Functional Guidelines
  - QAPP — Quality Assurance Project Plan
  - QA/QC — Quality Assurance/Quality Control
  - RL — Reporting Limit
  - MDL — Method Detection Limit
  - SOP — Standard Operating Procedures
  - COC — Chain of Custody
  - % — Percent
  - %R — Percent Recovery
  - RPD — Relative Percent Difference
  - LCS/LCSD — Laboratory Control Sample/Laboratory Control Sample Duplicate
  - MS/MSD — Matrix Spike/Matrix Spike Duplicate

Qualifiers

Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or "ND."
  - B The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D The concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - J+ The result is an estimated quantity, but the result may be biased high.
  - J- The result is an estimated quantity, but the result may be biased low.
  - UJ The compound was not detected above the reported sample quantitation limit; however, the reported limit is estimated and may or may not represent the actual limit of quantitation.
  - NJ The analysis indicated the presence of a compound for which there was presumptive evidence to make a tentative identification; the associated numerical value is therefore an estimated concentration only.
  - R The sample results were rejected as unusable; the compound may or may not be present in the sample.

References

1. United States Environmental Protection Agency, 2017. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-2017-002. January.

2. Haley & Aldrich, Quality Assurance Project Plan for Former American Linen Supply Company Facility, 822 Seneca Street, Buffalo, New York, NYSDEC BCP Site ID: C915241, October 2014.

APPENDIX D

Waste Disposal Documentation

HALEY ALDRICH

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

April 7, 2020

Mr. Andrew L. Nichols
Technical Specialist
Haley & Aldrich
200 Town Centre Drive, Suite 2
Rochester, New York 14623-4264

Re: Contained-In Determination Request
Former American Linen Supply Co Facility
BCP Site Number: C915241
822 Seneca Street
Buffalo, New York
Disposal of groundwater sampling purge water

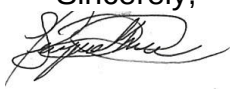
Dear Mr. Nichols:

We have completed our review of the water sampling data (Lab report ID L2011694) submitted with your April 7, 2020 request, via e-mail, for a “contained-in” determination for one (1) 55-gallon drum of purge water generated during the annual sampling of groundwater monitoring wells the referenced project.

Water (purge water, well sampling and decon water), collecting during the annual sampling of monitoring wells on March13, 2020, met "contained-in" groundwater action levels and Land Disposal Restriction concentrations. Concentrations for cis-1,2-dichloroethene, trichloroethene, tetrachloroethene and vinyl chloride were below their "contained-in" groundwater action levels and Land Disposal Restriction concentrations. Therefore, one (1) 55-gallon drums, containing 55-gallon drum of purge water generated during the annual sampling of monitoring wells at the referenced project do not have to be managed as hazardous waste and can be transported off-site, by by NRC (formerly Op-Tech) of Amherst, New York and disposed at ENPRO Services of Vermont in Williston, Vermont or a local publically owned treatment water (POTW), for disposal.

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: D. Szymanski, DER Region 9

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. CESQG

Manifest Document No. 150497

2. Page 1 of 1

3. Generator's Name and Mailing Address
Aramark Union & Career Apparel, LLC
822 Seneca St
Buffalo NY 14203
Att: Santa McKenna

SAME

4. Generator's Phone (5 8 5) 3 2 1 - 4 2 4 2

5. Transporter 1 Company Name: NRC East Environmental Services, Inc.

6. US EPA ID Number: M A C 3 0 0 0 0 9 8 3 9 9

A. State Transporter's ID

B. Transporter 1 Phone 978 465-1595

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
ENPRO SERVICES OF VERMONT, INC.
54 AVENUE D
WILLISTON VT 05495

10. US EPA ID Number: V T R 0 0 0 5 1 7 0 5 2

E. State Facility's ID

F. Facility's Phone 802 860-1200

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-RCRA, non-DOT	001	DM		G
b.				
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above
a. (L)
b.
c.
d.

H. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
1)

ER CONTACT: NRC EAST ENV. SERVICES, INC. - 24 HOURS - 800-893-4672

NON-HAZARDOUS WASTE

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: [illegible]
Signature: [illegible] AGENT FOR GENERATOR
Date: Month 4 Day 1 Year 20

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible]
Signature: [illegible]
Date: Month 4 Day 9 Year 20

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