



Periodic Review Report

Tecumseh Phase II Business Park
Site II-9 (C915198I) & II-10 (C915198J)
Lackawanna, New York

October 2025

Prepared for:

Time Release Properties, LLC

Prepared by:

**Roux Environmental Engineering
and Geology, D.P.C.**

2558 Hamburg Turnpike, Suite 300
Buffalo, New York 14218

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1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux) has prepared this Periodic Review Report (PRR) to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site Numbers C915198I and C915198J located at 6 Dona Street in the City of Lackawanna, Erie County, New York (jointly referred to herein as the Site unless specifically called out by BCP site name or number).

This PRR has been prepared for the subject BCP Sites in accordance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (Ref 1). Appendix A includes the Institutional and Engineering Control (IC/EC) Certification Forms completed based on the Site inspection performed on August 20, 2025.

This PRR has been completed on behalf of Time Release Properties, LLC (TRP) for Sites II-9 and II-10 (C915198I and C915198J, respectively). This PRR documents post-remedial activities covered by the January 2014 Site Management Plan (SMP; Ref. 2) and the December 2020 Appendix H-9/10 added thereto by Addendum. The post-remedial period covered by this PRR is August 4, 2024 to August 4, 2025 for both Sites II-9 and II-10.

1.1 Site Background and BCA Amendments

Tecumseh Redevelopment, Inc. (Tecumseh) entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC in March 2007, to investigate and remediate the approximate 141-acre Tecumseh Phase II Business Park site located in the City of Lackawanna, Erie County, New York (see Figure 1). The property deemed the "Phase II Business Park Site," is bounded by the Business Parks I and IA to the north; South Buffalo Railroad Company to the south; Business Park III and the South Return Water Trench (SRWT) to the west; and BCP Site No C915197L (Bethlehem Shoreline Trail) and Route 5 to the east. Business Park II is transected by Smokes Creek, which is specifically excluded from the BCP (see Figure 2). To facilitate cleanup and redevelopment the Phase II Business Park BCA was subsequently amended in August 2012 to provide for 12 smaller BCP "sub-parcels" within the Phase II Business Park area, deemed Sites II-1 through II-12. These Sites were alphanumerically designated as BCP Site number C915198 through C915198L. During redevelopment of Sites II-8 and II-11 an access roadway connecting the Dona Street Extension and future Odell Street Extension was established and assigned the newly formed BCP Site II-13 (C915198M), which is included in the Phase II Business Park area.

Site II-9 is situated on an approximately 9.91-acre area having an SBL No. of 141.19-1-2 bounded by BCP Site II-10 to the north; Dona Street to the south; BCP Sites II-8 and II-13 to the east; and the South Return Water Trench (SRWT) and associated non-BCP embankment land to the west (see Figures 1 and 2). Dona Street and an associated easement area (66' wide right-of-way, total) runs in an east-west direction along the southern boundary of Site II-9. This 66-foot-wide area was covered with BCP-compliant hardscape (asphalt roadway, curbing, and sidewalk) and soil (vegetated lawn area) during roadway construction. A BCA amendment has been drafted to create Site II-14 (C215198N) that will encompass the Dona Street extension totaling 2.2 acres. Once finalized, Site II-14 will form the southern boundary of Site II-9. BCA Amendment No. 3 (11/1/2019) shifted the approximate 2.07-acre area encompassed by the Dona Street extension and remaining southern property within Site II-9 into Site II-7. This resulted in a change to the

size of Site II-9 from 11.98 acres to its present area of 9.91 acres. BCA Amendment No. 3 also modified the address of Site II-9 to 2303 Hamburg Turnpike, forming part of Tax Parcel Number 141.11-1-48.11. BCA Amendment No. 4 (1/24/2020) added the Buffalo and Erie County Industrial Land Development Corporation (ILDC) to the BCA for Site II-9; Tecumseh Redevelopment Inc. conveyed the Site II-9 title to ILDC on December 12, 2019. BCA Amendment No. 5 (1/24/2020) added Time Release Properties, LLC (TRP) to the BCA for Site II-9; TRP obtained title to Site II-9 from ILDC on December 12, 2019. BCA Amendment No. 6 (7/2020) added Time Release Sciences, Inc. (TRS) to the BCA for Site II-9. BCA Amendment No. 7 (11/2020) modified the address of Site II-9 to 6 Dona Street due to the construction of Dona Street and assigned new Tax Parcel Number 141.19-1-2.

Site II-10 is situated on an approximately 15.78-acre area having an SBL No. of 141.15-1-4 bounded by BCP Site II-12 to the north; BCP Site II-9 to the south; BCP Site II-13 to the east; and the SRWT and associated non-BCP embankment land to the west. An electrical substation, which is not part of the Phase II Business Park BCP site, is located adjacent to the northwest corner of the Site. An active rail line (deemed East Harbor Lead) owned by South Buffalo Railroad runs north-south through the west end of Sites II-9 and II-10.

Site II-10 was purchased from Tecumseh by the Buffalo and Erie County Industrial Land Development Corporation (ILDC) and was fully remediated by the ILDC pursuant to the 2016 Decision Document (DD, Ref. 3) as a Track 4 commercial site under “Generation 1” of the BCP. Site II-9 was also purchased from Tecumseh by the Buffalo and Erie County ILDC in December 2019 and simultaneously sold to TRP along with Site II-10. At the time of sale, Site II-9 required cover placement as a final remedial measure pursuant to the 2016 DD (Ref. 4). Because the final remedial measures had not occurred prior to the December 31, 2017 deadline for completion of remedial measures/COC issuance under Generation 1 of the program, Site II-9 transferred to Generation 3 of the BCP in April 2018.

In December 2020, TRP completed redevelopment of Sites II-9 and II-10 with an approximate 280,000 square foot manufacturing facility and attached 9,200 square foot office, as well as related infrastructure and site improvements, including utility services, access drives, parking, storm water detention, and landscaping. The manufacturing facility operates Monday through Thursday in two shifts with approximately 40-50 employees per shift. The office facility operates Monday through Friday with approximately 20 employees.

Redevelopment activities included modification of the cover system on Site II-10 and construction of the cover system on Site II-9. This work was completed in accordance with the Remedial Action Work Plan and Cover System Modification Plan (RAWP/CSMP, Ref 5). An Addendum (Ref. 6) to the RAWP/CSMP allowed for ex-situ biotreatment of certain unexpected, weathered petroleum impacts encountered during building foundation construction activities on Site II-9. The biotreatment work was successfully implemented on a biopad constructed on Site II-10.

A Final Engineering Report (FER, Ref. 7) documented the cover system modifications on Site II-10 and final remedial measures for Site II-9 (i.e., biotreatment of petroleum impacts and cover placement).

1.2 Remedial History

The Phase II Business Park formerly housed several facilities associated with the Bethlehem Steel Corporation's (BSC's) steel manufacturing processes. These included a pure oxygen generating station (known as South Linde Area); various mills; a structural shipping yard; a car repair shop; metal storage;

and miscellaneous office production support buildings. Five historical SWMUs (i.e., P-38 through P-42) are present within the Phase II Business Park. BSC performed assessments for these solid waste management units (SWMUs) during a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) and subsequent RCRA Facility Investigation (RFI). Based on the findings, United States Environmental Protection Agency (USEPA) Region II issued “No Further Action” determination for the identified SWMUs within the Phase II Business Park.

1.2.1 Remedial Investigation

Remedial Investigation (RI) field activities on Sites II-9 and II-10 were initiated in March 2010 and substantially completed in April 2010. Investigative activities included the completion of test pits and monitoring wells. Soil and groundwater samples were collected as detailed in the July 2009 Remedial Investigation/Alternatives Analysis Report (RI/AAR) Work Plan (Ref. 8).

The RI identified several Constituents of Concern (COCs) that were generally present across widespread areas of Phase II Business Park Site in site soils and groundwater. The COCs included polyaromatic hydrocarbons (PAHs), arsenic, cadmium, chromium, and lead. Isolated areas of petroleum products were also encountered.

The RI/AAR was submitted to NYSDEC in May 2011, revised, and finalized in March 2012 (Ref. 9). The RI/AAR recommended remediation of hotspot slag/fill with deferred soil cover system placement during redevelopment as well as engineering controls (ECs) and institutional controls (ICs) to limit future use of the Controlled Property to restricted (commercial or industrial) applications and prevent groundwater use for potable purposes (see Section 4.1).

1.2.2 Interim Remedial Measures

The remediation of Sites II-9 and II-10 included IRMs to expedite remedial activities and facilitate redevelopment. In October 2010, Tecumseh submitted to NYSDEC an Interim Remedial Measure (IRM) Work Plan for Railroad Realignment (Ref. 10). The following work was performed in December 2010 and documented in the December 2013 Construction Completion Report, Railroad Realignment, Tecumseh Phase II-III Business Park (Ref. 11):

- Site II-9: Excavation of PCB-impacted slag/fill proceeded to a depth of 2 feet below ground surface (fbgs) over an approximate 50-foot by 50-foot area centered on test pit RR-TP-30 (see Figure 3). The impacted slag/fill was direct loaded onto dump truck trailers and transported by Price Trucking Corp, a licensed hazardous waste transporter (NYSDEC #9A025), to CWM Chemical Services, LLC in Model City, NY. The 258.27 tons of PCB-impacted soil/slag-fill was disposed as regulated hazardous waste under CWM profile NY302140. Post-excavation documentation samples were not collected as the hotspot area was excavated to the pre-determined limits. Imported backfill was comprised of Beneficial Use Determination (BUD) approved steel slag (BUD# 555-9-15) and placed in 1-foot compacted lifts within each test pit excavation. Approximately 2,400 tons of BUD-approved slag was used as backfill material.
- Site II-10: Approximately 60 cubic yards (CY) of arsenic-impacted slag/fill was excavated within the vicinity of test pit RR-TP-42. Excavation proceeded to a depth of 2 fbgs with lateral dimensions of approximately 35 feet N x 75 feet S x 25 feet E x 25 feet W of RR-TP-42. The slag/fill was direct loaded onto dump truck trailers and transported by Zoladz, a licensed solid waste transporter (NYSDEC #9A499) and disposed at the Chautauqua County Landfill (CCLF) in Ellery, NY in accordance with Disposal Permit #CC1201.10S1. Additional documentation samples were not collected as the hotspot area was defined by sampling conducted during the

supplemental investigation. Minor regrading was performed to fill in low spots and achieve subgrade elevations; no backfill was placed.

In April 2017, Tecumseh submitted to NYSDEC an IRM Work Plan for Phase II Business Park Sites II-10 and II-12 (Ref. 12). The IRMs were completed between February 9 and May 17, 2017 in accordance with the NYSDEC-approved IRM Work Plan. The following remedial work performed on Site II-10 is documented in the Final Engineering Report (FER; Ref. 13) and shown on Figure 3:

- **Hotspot A:** Approximately 45 CY of PAH-impacted slag/fill were excavated to a depth of 2 feet below ground surface (fbgs).
- **Hotspot D-1:** Approximately 2,030 CY of petroleum-impacted slag/fill were excavated over a 3-foot interval from 6 to 9 fbgs.
- **Hotspot D-2:** Approximately 220 CY of petroleum-impacted slag/fill were excavated over a 3-foot interval from 5 to 8 fbgs.
- **Hotspot G:** Approximately 90 CY of petroleum-impacted slag/fill were excavated over a 4-foot interval from 5 to 9 fbgs.
- **Biotreatment:** Excavated materials were transported to a biotreatment pad constructed on Site II-9, treated, and tested to meet Site-Specific Action Levels (SSALs), and reused as fill in low spots of the uncovered Business Park.
- **In-Situ Amendment:** To address residual smear zone slag/fill impacts (i.e., sheen) in Hotspot G, approximately 320 pounds of RegenOx™ and 55 pounds of ORC Advanced® were applied to the bottom and sidewalls of the excavation using an excavator bucket prior to backfilling with clean overburden slag/fill.
- **Backfill:** Following replacement of clean overburden materials and receipt of passing confirmatory results, where applicable, excavations were re-graded with surrounding slag/fill. In the case of Hotspot D, the backfill was supplemented with biotreated soils from other locations within the Tecumseh BCP Business Park Sites that were treated to meet SSALs and approved for use by the NYSDEC as subgrade backfill.

Tecumseh received a letter on June 5, 2017 from NYSDEC that stated the IRM satisfies the requirements for hotspot removal as outlined in the DD for Site II-10.

1.3 Compliance

At the time of the August 20, 2025 Site inspection, all controls were in-place and functioning as intended in accordance with the SMP.

1.4 Recommendations

Based on observations recorded during the annual inspection and IC/EC certification, no modifications are recommended at this time.

2. Site Overview

All remediated properties within the Phase II Business Park are subject to a comprehensive, site wide SMP that identifies requirements for monitoring and maintenance of engineering and institutional controls and procedures for post-remedial excavation and related activities. Specific requirements affecting individual Sites within Phase II Business Park are included as appendices to the comprehensive plan. These appendices are prepared once a Phase II Business Park Site is remediated. Final remedial activities undertaken on Sites II-9 and II-10, covered by this PRR, are described below.

2.1 Final Remedial Measures

The Site was remediated in accordance with the remedies selected by the NYSDEC as memorialized in the DD. Roux (formerly Benchmark Civil/ Environmental Engineering & Geology, PLLC) was retained by Tecumseh Redevelopment Inc. to serve as the design-builder and Engineer of Record for the BCP activities.

The factors considered during the selection of the remedies are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedies for Sites II-10 and II-9 (note that several of the listed items below for Site II-10 were completed as IRMs as discussed in Section 1.2.2):

Site II-10

1. Excavation of arsenic-impacted hotspot at RR-TP-42 in advance of a railroad realignment project.
2. Excavation of petroleum/organic-impacted slag/fill from two hotspot areas deemed Hotspots "D" and "G" and PAH-impacted soil from a third area deemed "Hotspot A". Following completion of the excavation activities, post-excavation documentation samples were required from Hotspot A since slag/fill samples from this area indicated total semi-volatile organic compound (SVOC), specifically PAH, concentrations above the site-specific action level (SSAL) of 500 ppm.
3. Excess slag/fill was utilized on-site to form a landscape berm along the northern portion of Site II-10.
4. Introduction of in-situ treatment amendments (RegenOx TM and ORC Advanced[®]) to address residual smear zone impacts in Hotspot G.
5. Backfilling and/or re-grading of the excavations as needed for safety reasons.
6. Sampling of transformer oil from the 54" Mill Roll Shop (former Artmeier Building on Sub-Parcel II-10). All oils were found to be less than 50 ppm.
7. Installation of a vapor barrier and sub-slab radon mitigation piping.
8. Construction and maintenance of a vegetated cover system consisting of a demarcation layer atop the sub-grade soil/fill followed by a minimum 12-inch soil layer in areas not covered by existing competent asphalt, concrete, or railroad bedding/tracks to prevent human exposure to remaining contaminated soil/fill. Existing active East Harbor Lead railroad tracks with wooden ties and stone ballast were left undisturbed as final cover. In addition, an access drive was constructed to service Substation 11A and the Roll Mill Shop. The drive was constructed of 1 foot of No. 2 run of crush stone placed over a geotextile fabric.
9. Upon demolition of the former Roll Mill Building, a minimum 12-inch soil layer was placed and surveyed to confirm the appropriate cover thickness. Cover soils with demarcation layer west

of the former building were not disturbed during redevelopment activities. As such, this area was not resurveyed. East of the former building a large stockpile was created through stripping of the cover on the southern side of Site II-10 that preceded building construction. The stockpile was used as greenspace cover on Site II-9 and the berm along the southern portion of the Site. The stockpile was taken back to original grade/original vegetative layer and reseeded. Since the original 12-inch cover over demarcation layer wasn't removed, this area east of the former building was not resurveyed.

10. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the Site.
11. Development and implementation of a SMP for long-term management of remaining contamination as required by the Environmental Easement (EE), which includes plans for: (1) institutional and engineering controls, (2) monitoring, (3) operation and maintenance, and (4) reporting.
12. Periodic certification of the institutional and engineering controls listed above.

Site II-9

1. Removal of contaminated soil from source locations, including approximately 30 CY from the Southwest Loading Dock Foundation Excavation Area; approximately 75 cy from Pile E-6 Area; and approximately 75 cy from Pile E-10 Area. These soils were relocated to a biotreatment pad located within the northern portion of Site II-10 in July 2020. Approximately 30 cy of contaminated soil was removed from the Southwest Loading Dock Storm Sewer Excavation Area and placed in a designated staging area in August 2020 and subsequently relocated to the biotreatment pad.
2. Bio-remediated soils were reused for construction of on-site landscape berms. The soil was placed underneath the final clean cover material once the treated soil met remedial objectives and was approved by the Department for reuse.
3. Approximately 99,950-gallon of petroleum-impacted groundwater and surface water was pumped from excavation areas, stored in an on-site frac tank, and transported by Environmental Services Group (ESG) for off-site disposal at American Recyclers Company located in Tonawanda, New York.
4. Excess slag/fill was utilized on-site to form a landscape berm along the eastern portion of Site II-9.
5. Backfilling and/or re-grading of the excavations as needed for safety reasons.
6. Installation of a vapor barrier and sub-slab radon mitigation piping.
7. Implementation of a remedial design program that includes Green remediation principles and techniques to the extent feasible in the design, implementation, and site management. Green remediation components include:
 - Considering the long-term environmental impacts of treatment technologies and remedy stewardship;
 - Reducing direct and indirect emissions of greenhouse gasses and other emissions;
 - Increasing energy efficiency and minimization of non-renewable energy sources;
 - Conservation and management of resources and materials; and
 - Reduction of waste through increasing recycling and reuse of materials.

8. Construction and maintenance of a cover system consisting of one foot of 6NYCRR Part 375-6.7(d) approved cover material in the vegetated area, as well as buildings, pavement, and sidewalks included in the site development to prevent human exposure to remaining contaminated soil/fill remaining at the site;
9. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the site.
10. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls, (2) future excavation activities, (3) monitoring, (4) operation and maintenance and (5) reporting, as well as a provision stating that an extension of the existing cover system will be placed if the building foundation/slab is removed, exposing surface soil where the upper foot exceeds CSCOs;
11. Periodic certification of the institutional and engineering controls listed above.

The remedial program was successful in achieving the remedial objectives for Sites II-10 and II-9. Activities completed pursuant to remediation of Site II-10 were documented in the August 2017 Final Engineering Report for Tecumseh Business Park II Sub-Parcels II-10 and II-12. NYSDEC issued a COC for Site II-10 in December 2017. Activities completed pursuant to remediation of Site II-9 as well as cover system modification completed at Site II-10 were documented in the December 2020 Final Engineering Report for Tecumseh Business Park Sub-Parcel II-9. NYSDEC issued a COC for Site II-9 in December 2020.

2.2 Site Redevelopment

Construction of a new manufacturing and packaging facility began November 2019 and was substantially completed December 2020 in accordance with the November 2019 RAWP/CSMP. TRP redeveloped Site II-9 and a portion of Site II-10 for Time Release Sciences, Inc. dba TRS Packaging, a subsidiary of TMP Technologies dedicated to producing custom consumer components including the Mr. Clean Magic Eraser® product line for Procter & Gamble. Redevelopment accommodates an approximate 280,000 square foot (SF) manufacturing facility, 9,200 SF office building, and related infrastructure and site improvements, including utility services, access drives, parking, storm water detention, and landscaping.

3. Remedy Performance

The annual PRR Site inspection was performed on August 20, 2025 to visually observe and document the use of the Site for commercial/industrial use, confirm absence of Site groundwater use, inspect the integrity of the cover system, and verify conformance with other requirements under the SMP. The Site inspection confirmed that the controls are in-place and functioning as intended in accordance with the SMP.

4. Site Management Plan

A Site-wide SMP was prepared for the Phase II Business Park in January 2014 and approved by NYSDEC. Parcel-specific SMP requirements for Site II-10 and adjacent Site II-12 were added by Addenda in August 2017 but were separated following joint purchase and redevelopment of Sites II-9 and II-10 by Time Release Properties. Parcel-specific requirements for Sites II-9 and II-10 are now presented in SMP Appendix H-9/H-10. Key components of the SMP are described below.

4.1 Institutional and Engineering Control (IC/EC) Plan

Since remaining contaminated soil/fill and groundwater exist beneath the Phase II Business Park, institutional and engineering controls are required to protect human health and the environment. The IC/EC Plan describes the procedures for the implementation and management of all IC/ECs on the Sites within the Phase II Business Park.

4.1.1 Institutional Controls

The following institutional controls apply to all Sites within the Phase II Business Park:

- The use and development of the property is restricted to commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws.
- Groundwater cannot be used as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or County DOH.
- All Sites must comply with the NYSDEC-approved SMP.
- The remedial party or site owner must complete and submit to the NYSDEC a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3.)
- There are no site-specific institutional control requirements.

4.1.2 Engineering Controls

Engineering controls covering Sites within the Phase II Business Park include:

- Cover System: The cover system, including railroad, building foundations, access drive, concrete sidewalks, concrete or asphalt driveways, parking areas, slag, detention ponds, and landscaped vegetated areas, must be maintained in compliance with the SMP.

4.2 Excavation Work Plan

An Excavation Work Plan (EWP) was included in the approved SMP for the Phase II Business Park with final revision in July 2021. The EWP provides guidelines for the management of soil/fill material during any future intrusive activities. Any intrusive work that will penetrate the cover or cap, or encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system, must be performed in compliance with the EWP and must also be conducted in accordance with a site-specific Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) meeting the minimum requirements of the sample HASP and CAMP included with the SMP.

In general, the EWP includes the following:

- Methods for soil screening, segregation, and stockpiling with guidance for technologically enhanced naturally occurring radioactive material (TENORM);
- Guidance and methodology for excavation, load out, and off-site transportation/ disposal;
- Guidance and methodology for on-site reuse of any excavated materials including, but not limited to, soil/fill, petroleum-impacted soil/fill, debris, or slag;
- Guidance for management of groundwater or truck wash water;
- Guidance and methodology for backfill and restoration of the on-site cover system from off-site sources and on-site reuse materials;
- Guidance and methodology for monitoring and inspections during any intrusive activities including a Stormwater Pollution Prevention Plan (SWPPP), a contingency plan for previously unidentified contaminant sources, CAMP (as previously described), monitoring during intrusive activities within 20 feet of occupied structures or potential receptors, and odor/dust/nuisance control plans.

4.2.1 Site Redevelopment Activities

National Grid completed a structural assessment for three poles located on-site without prior communication in August 2024. In conjunction with the NYSDEC, Roux worked with National grid to characterize and dispose of impacted soil and to import approved material during the reporting period. These site redevelopment activities are discussed in further detail in the following section and summarized in Figures 4 and 5.

4.2.1.1 National Grid Structural Assessment

In August 2024, Power & Construction Group, Inc. (National Grid approved subcontractor) was completing power pole inspections at the Site involving the excavation of existing soils around the National Grid Power Poles #73, #74 and #75 to expose the concrete foundation. The excavation work was completed without proper NYSDEC notifications/requirements and the depth of the excavations continued through the one-foot thick BCP required clean cover system material and through the existing demarcation layer mixing clean soil cover with potentially impacted subgrade soils. The soil was left on-site in stockpiles near each pole. Roux notified NYSDEC on August 28, 2024 upon discovery of this work.

On May 28, 2025, Roux notified NYSDEC of the load out of the stockpiles and disposal work planned associated with the previous power pole inspection work. On May 29, 2025, Roux excavated the impacted soils that were previously disturbed by the structural assessment completed at the three power poles and loaded them into a dump truck for proper disposal at Republic Allied Waste Niagara Falls Landfill, LLC located at 5600 Niagara Falls Boulevard, Niagara Falls, NY. Roux loaded out 13.62 tons of impacted soil. Following the removal and disposal of the impacted soil, Roux placed an orange-colored demarcation fabric around the bottom of each excavation area and then placed six yards (approximately two yards for each power pole) of approved topsoil material as backfill material for final restoration. The backfill material was placed to ensure that 12 inches of clean cover was achieved.

Roux personnel were on-site to inspect soil/fill for visual/odor impacts and to complete the required CAMP monitoring during the excavation and proper disposal of the impacted soil per the requirements of the SMP

and EWP. Appendix B includes photographs of the work conducted, Appendix D includes the import documentation and approval, and Appendix E includes the CAMP monitoring data (also discussed in detail in Section 4.2.2).

4.2.2 Community Air Monitoring Program (CAMP) Results

During all activities involving disturbance of subgrade soil materials, Roux personnel conducted community air monitoring (except for the National Grid power pole assessment due to lack of communication). Particulate and VOC monitoring was performed downwind of the work area. No visible dust was allowed beyond the Site perimeter in accordance with the SMP. Community air monitoring was performed in accordance with the CAMP included with the HASP in the NYSDEC approved SMP. Per the CAMP, action limits of 150 ug/m³ for respirable particulates and 5 parts per million (ppm) were employed. No exceedances of the 15-minute time weighted average (TWA) thresholds were recorded during intrusive activities.

Appendix E includes all project CAMP data collected on May 29, 2025 during the load out of impacted soil to the approved landfill (Republic).

4.3 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines requirements for certifying and attesting that the IC/ECs employed on the Sites are unchanged from the original design and/or previous certification. The Annual Certification includes a site inspection and completion of the NYSDEC's IC/EC Certification Form. The Site inspection is intended to verify that the IC/ECs:

- Are in place and effective.
- Are performing as designed.
- That nothing has occurred that would impair the ability of the controls to protect the public health and environment.
- That nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- Access is available to the Site to evaluate continued maintenance of such controls.

Inspection of Sites II-9 and II-10 was conducted by Mr. Eric Warren and Ms. Jessica Dombrowski. of Roux and accompanied by Ms. Megan Kuczka of the NYSDEC on August 20, 2025 under the supervision of Mr. Thomas Forbes, P.E., who meets the requirements of a Qualified Environmental Professional (QEP) per 6NYCRR Part 375.12. At the time of the inspection, Sites II-9 and II-10 complied with the SMP.

Appendix A includes the completed Site Management PRR Notice – Institutional and Engineering Controls Certification Forms. Appendix B includes a PRR photo log.

4.4 Operation, Monitoring and Maintenance Plan

The remedies for Sites II-9 and II-10 do not rely on any mechanical systems such as sub-slab depressurization or soil vapor extraction, to protect public health and the environment. Therefore, an Operation and Maintenance Plan is not required.

4.5 Corrective Measures Plan

No deficiencies were noted during the Site inspection completed on August 20, 2025.

5. Groundwater Monitoring

There are no post-remedial groundwater monitoring requirements for Sites II-9 and II-10 per the NYSDEC-approved SMP.

6. Conclusions and Recommendations

At the time of the August 20, 2025 inspection, the Site was in compliance with the SMP. Please note that the NYSDEC indicated that the brush area on the north and east portions of the Site should be mowed once a year. No modifications to the SMP are recommended.

7. Declaration/Limitation

This PRR has been prepared for the exclusive use of Time Release Properties, LLC. The contents of this PRR are limited to information available at the time of the Site inspection. The findings herein may be relied upon only at the discretion of Time Release Properties, LLC. Use of or reliance upon this PRR or its findings by any other person or entity is prohibited without written permission of Roux Environmental Engineering and Geology, D.P.C.

8. References

1. New York State Department of Environmental Conservation. *DER-10/ Technical Guidance for Site Investigation and Remediation*. May 3, 2013.
2. TurnKey Environmental Restoration, LLC. *Site Management Plan for Tecumseh Phase II Business Park, NYSDEC Site No. C915198 through C915198L, Lackawanna, New York*. January 2014; Appendix H revised December 2020
3. New York State Department of Environmental Conservation. *Decision Document, Site II-10 Tecumseh Phase II Business Park, Brownfield Cleanup Program, Lackawanna, Erie County, Site No. C915198J*. November 2016.
4. New York State Department of Environmental Conservation. *Decision Document, Site II-9 Tecumseh Phase II Business Park, Brownfield Cleanup Program, Lackawanna, Erie County, Site No. C915198I*. December 2016.
5. Benchmark Environmental Engineering & Science, PLLC. *Remedial Action Work Plan and Cover System Modification Plan, Tecumseh Business Park Sites II-9 (C915198I) and II-10 (C915198J), Lackawanna, New York*. Revised November 2019.
6. Benchmark Environmental Engineering & Science, PLLC. *Addendum to the Remedial Action Work Plan and Cover System Modification Plan, Tecumseh Business Park II Sites II-9 (C915198I) and II-10 (C915198J), Lackawanna, New York*. June 30, 2020.
7. Benchmark Environmental Engineering & Science, PLLC. *Final Engineering Report, Tecumseh Phase II Business Park Site II-9, Lackawanna, New York*. December 2020.
8. TurnKey Environmental Restoration, LLC in association with Benchmark Environmental Engineering & Science, PLLC. *Remedial Investigation/Alternatives Analysis Report (RI/AAR) Work Plan, Phase II Business Park, Tecumseh Redevelopment Inc., Lackawanna, New York*. November 2008; revised July 2009.
9. TurnKey Environmental Restoration, LLC and Benchmark Environmental Engineering & Science, PLLC. *Remedial Investigation/Alternatives Analysis (RI/AA) Report, Phase II Business Park, Tecumseh Redevelopment Inc., Lackawanna, New York*. May 2001; revised March 2012.
10. TurnKey Environmental Restoration, LLC and Benchmark Environmental Engineering & Science, PLLC. *Interim Remedial Measures Work Plan, Railroad Realignment, Phase I-III Business Parks, BCP Sites C915197-C915199, Lackawanna, New York*. October 2010.
11. TurnKey Environmental Restoration, LLC in association with Benchmark Environmental Engineering & Science, PLLC. *Construction Completion Report, Railroad Realignment, Tecumseh Phase I-III Business Park, Lackawanna, New York, BCP Site Nos. C915197 – C915199*. December 2013.
12. TurnKey Environmental Restoration, LLC., in association with Benchmark Environmental Engineering & Science, PLLC *Interim Remedial Measures (IRM) Work Plan, Phase II Business Park, Sites II-10, II-11 and II-12, BCP Site Nos. C915198J, C915198K & C915198L, Lackawanna, New York*. February 2017, revised April 2017.
13. TurnKey Environmental Restoration, LLC in association with Benchmark Environmental Engineering & Science, PLLC. *Final Engineering Report, Tecumseh Business Park II, Sub-Parcels II-10 and II-12, Lackawanna, New York*. August 2017.

FIGURES

1. Site Location & Vicinity Map
2. Tecumseh Phase II Business Park Site Plan
3. Completed Remedial Measures
4. Post-Remedial Construction Activities
5. Cover System Plan



LEGEND:

TRP REDEVELOPMENT SITE

BASE MAP USGS QUAD BUFFALO SE 2016



Title:

**SITE LOCATION AND VICINITY MAP
TECUMSEH PHASE II BUSINESS PARK
SITE II-9 (C915198I) & II-10 (C915198J)
LACKAWANNA, NEW YORK**

PERIODIC REVIEW REPORT

Prepared for:

TIME RELEASE PROPERTIES, LLC

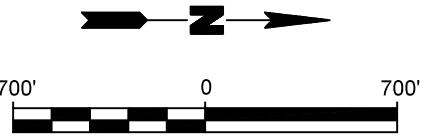
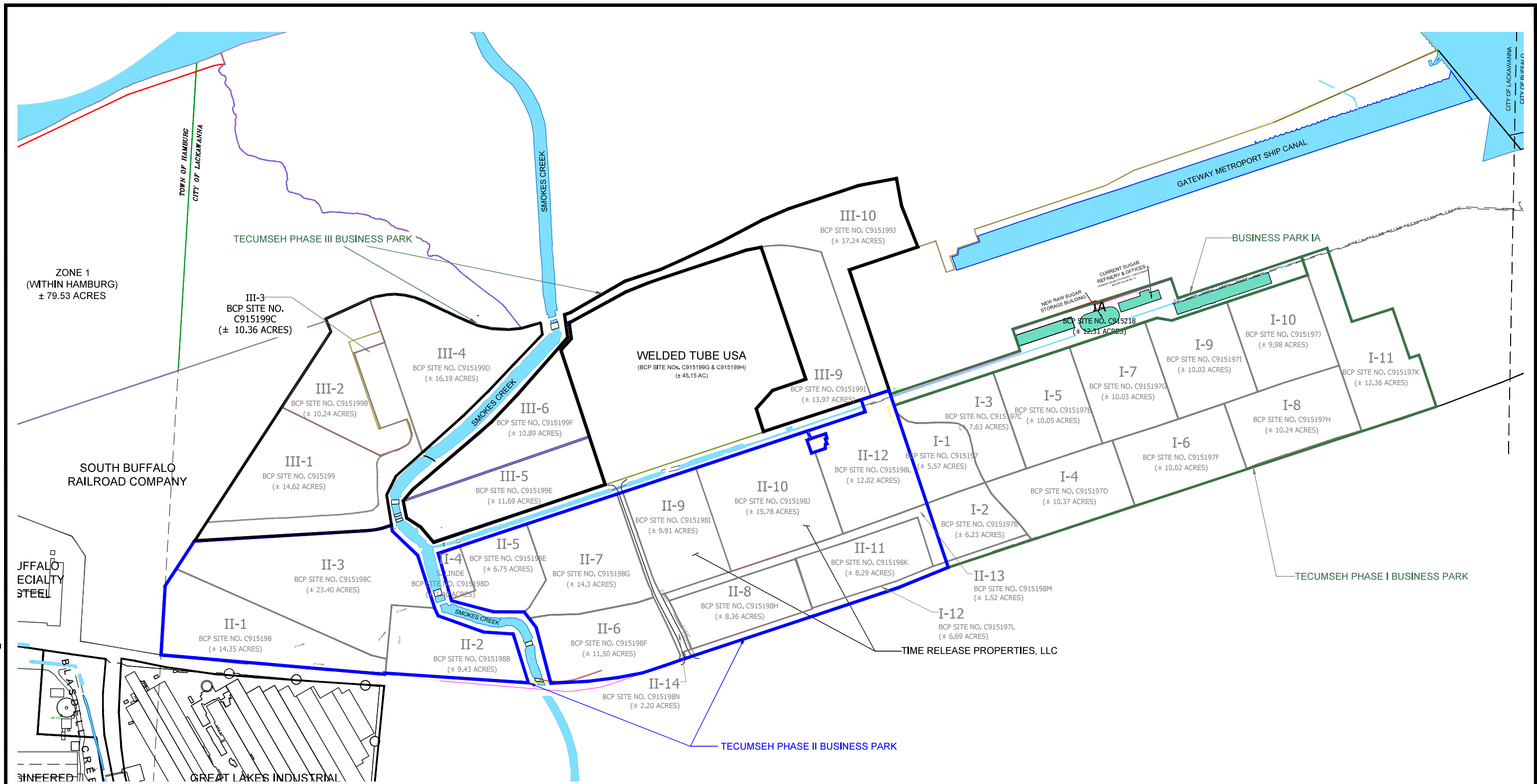


Compiled by: CMS	Date: August 2025
Prepared by: CMS	Scale: AS SHOWN
Project Mgr: THF	Project: 0489-019-001
File: FIGURE 1: SITE LOCATION & VICINITY MAP-ROUX.DWG	

FIGURE

1

F:\CAD\BENCH\MARKT\MP\PRR\2023\FIGURE 2: BUSINESS PARK II SITE PLAN-ROUX_REV.DWG



Title:
TECUMSEH PHASE II BUSINESS PARK SITE PLAN
TECUMSEH PHASE II BUSINESS PARK
SITE II-9 (C915198I) & II-10 (C915198J)
LACKAWANNA, NEW YORK

Periodic Review Report

Prepared for:
TIME RELEASE PROPERTIES, LLC

Compiled by: CMS
Date: August 2025

Prepared by: CMS
Scale: AS SHOWN

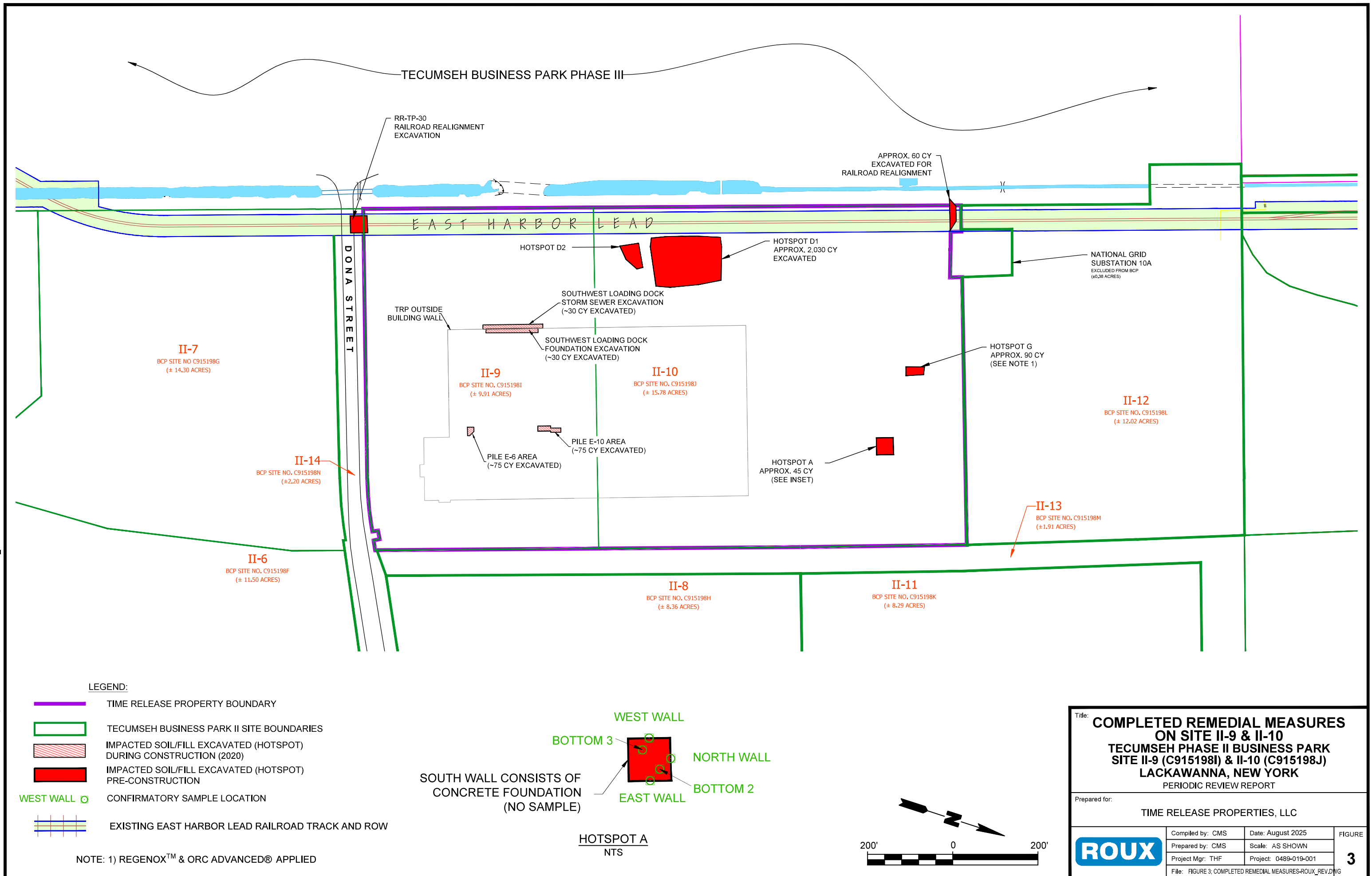
Project Mgr: THF
Project: 0489-019-001

ROUX

File: FIGURE 2: BUSINESS PARK II SITE PLAN-ROUX_REV.DWG

FIGURE
2

F:\CAD\BENCHMARK\TMR\PRR\2023\FIGURE 3: COMPLETED REMEDIAL MEASURES-ROUX_REV.DWG



Title:

COMPLETED REMEDIAL MEASURES
ON SITE II-9 & II-10
TECUMSEH PHASE II BUSINESS PARK
SITE II-9 (C915198I) & II-10 (C915198J)
LACKAWANNA, NEW YORK
PERIODIC REVIEW REPORT

Prepared for:

TIME RELEASE PROPERTIES, LLC

Compiled by: CMS

Prepared by: CMS

Project Mgr: THF

Date: August 2025

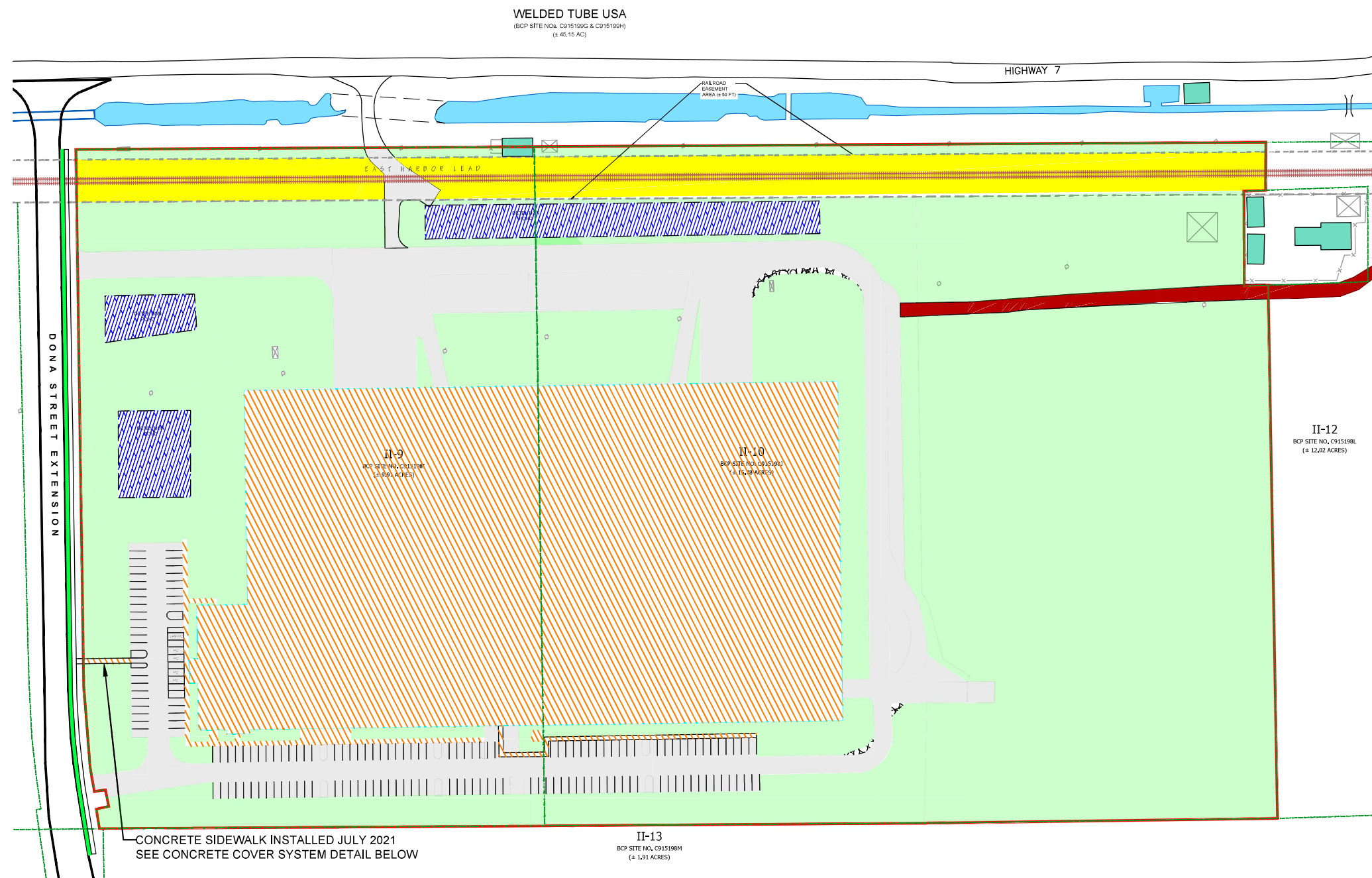
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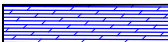
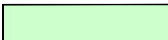
Project: 0489-019-001

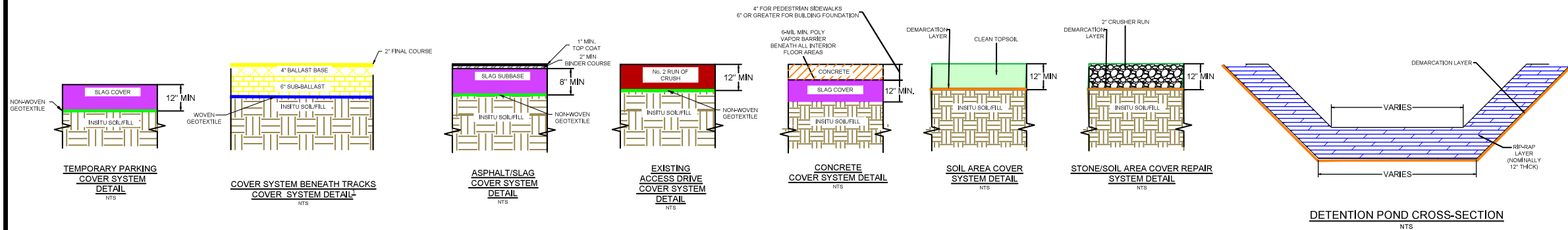
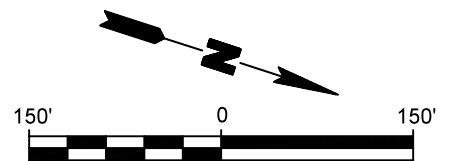
FIGURE
3

ROUX

File: FIGURE 3: COMPLETED REMEDIAL MEASURES-ROUX_REV.DWG



- LEGEND:
- | | |
|---|-----------------------------|
|  | BCP BOUNDARY (TRP PROPERTY) |
|  | BCP SITE BOUNDARIES |
|  | RAILROAD TRACK |
|  | RAILROAD EASEMENT BOUNDARY |
|  | ELECTRIC TOWER |
|  | POWER POLE |
|  | STONE COVER |
|  | ASPHALT COVER |
|  | DETENTION POND COVER |
|  | SOIL COVER |
|  | SLAG COVER |
|  | CONCRETE COVER |
|  | RAILROAD COVER SYSTEM |
|  | STONE/SOIL COVER |



NOTES:
1. BASED ON RECORD DRAWINGS PROVIDED BY C&S COMPANIES

Title:	COVER SYSTEM PLAN TECUMSEH PHASE II BUSINESS PARK SITE II-9 (C915198I) & II-10 (C915198J) LACKAWANNA, NEW YORK
PERIODIC REVIEW REPORT	
Prepared for:	TIME RELEASE PROPERTIES, LLC

	Compiled by: CMS	Date: August 2025	FIGURE 5
	Prepared by: CMS	Scale: AS SHOWN	
	Project Mgr: THF	Project: 0489-019-001	
	File: FIGURE 5; SITE-WIDE COVER SYSTEM_ROUX_REV.DWG		

APPENDICES

- A. Institutional & Engineering Control Certification Form
- B. Site Photographic Log
- C. Disposal Documentation
- D. Import Documentation
- E. CAMP Monitoring Data

Periodic Review Report (2024-2025)
TMP Sites II-9 and II-10, Lackawanna, NY

APPENDIX A

Institutional & Engineering Control Certification Forms



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. **C915198I**

Site Name **Site II-9 Tecumseh Phase II Business Park**

Site Address: 6 Dona Street Zip Code: 14218

City/Town: Lackawanna

County: Erie

Site Acreage: 9.910

Reporting Period: August 04, 2024 to August 04, 2025

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 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. C915198I**Box 3****Description of Institutional Controls**ParcelOwnerInstitutional Control**141.19-1-2**

TRP, LLC/TRS, Inc.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Control Description:

Adherence to Site Management Plan (SMP)
Restriction to commercial re-use
Prohibition of groundwater use
Allowance for Departmental access
Requires a Periodic Review and Report

Box 4**Description of Engineering Controls**ParcelEngineering Control**141.19-1-2**

Cover System

Engineering Control Description:

Soil cover over 5 acres

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 Engineering Control 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 complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The 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. C9151981

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 Robert Laughlin at Time Release Properties, LLC
print name 1200 Northland Avenue, Buffalo, NY 14215
print business address

am certifying as _____ Owner _____ (Owner or Remedial Party)

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

Robert Laughlin
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

8/20/2025
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional 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. at Roux Environmental Engineering and Geology, D.P.C
print name 2558 Hamburg Turnpike, Suite 300, Buffalo, NY 14218
print business address

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





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

9-3-25
Date



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. **C915198J**

Site Name **Site II-10 Tecumseh Phase II Business Park**

Site Address: 6 Dona Street Zip Code: 14218

City/Town: Lackawanna

County: Erie

Site Acreage: 15.780

Reporting Period: August 04, 2024 to August 04, 2025

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 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. C915198J**Box 3****Description of Institutional Controls**ParcelOwnerInstitutional Control**141-15-1-4**

TRP, LLC/TRS, Inc.

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Control Description:

Adherence to Site Management Plan (SMP)
Restriction to commercial re-use
Prohibition of groundwater use
Allowance for Departmental access
Requires a Periodic Review and Report

Box 4**Description of Engineering Controls**ParcelEngineering Control**141-15-1-4**

Cover System

Engineering Control Description:

Soil cover, over 5 acres

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 Engineering Control 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 complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The 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. C915198J

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 Robert Laughlin Time Release Properties, LLC
print name at 1200 Northland Avenue, Buffalo, NY 14215
print business address

am certifying as Owner (Owner or Remedial Party)

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

Robert Laughlin
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

8/20/2025
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional 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. at Roux Environmental Engineering and Geology, D.P.C.
print name 2558 Hamburg Turnpike, Suite 300, Buffalo, NY 14218,
print business address

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


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



9-3-25
Date

Periodic Review Report (2024-2025)
TMP Sites II-9 and II-10, Lackawanna, NY

APPENDIX B

Site Photographic Log

SITE PHOTOGRAPHS

Photo 1:



Photo 2:



Photo 3:



Photo 4:



Site Photographs (May 2025)

Photo 1: View of the National Grid power poles that were excavated for National Grid inspection.

Photo 2: View of the National Grid power poles that were excavated for National Grid inspection.

Photo 3: View of the National Grid power poles that were excavated and demarcation fabric installed prior to approved topsoil import.

Photo 4: View of the National Grid power poles that were backfilled and restored to surrounding grade with approved imported topsoil.

SITE PHOTOGRAPHS

Photo 5:



Photo 6:



Photo 7:



Photo 8:



Site Photographs (August 2025)

Photo 5: View of the east portion of the Site facing south.

Photo 6: View of the northeast portion of the Site facing west.

Photo 7: View of the north portion of the Site facing east.

Photo 8: View of the north west portion of the Site (depicting brush area) facing north.

SITE PHOTOGRAPHS

Photo 9:



Photo 10:



Photo 11:



Photo 12:



Site Photographs (August 2025)

Photo 9: View of the west portion of the Site facing east.

Photo 10: View of the southwest portion of the Site facing east.

Photo 11: View of the National Grid power pole that the topsoil cover system was restored located at the southwest portion of the Site.

Photo 12: View of the southeast portion of the Site facing southwest.

Periodic Review Report (2024-2025)
TMP Sites II-9 and II-10, Lackawanna, NY

APPENDIX C

Disposal Documentation

Special Waste Profile



Disposal Facility: 4215 Pine Avenue Landfill NY

Waste Profile #

Sales Rep #:

I. Generator Information

Generator Name: Power & Construction Group, Inc.

Generator Site Address: 6 Dona Street

City: Lackawanna

County: Erie

State: New York

ZIP: 14218

State ID/Reg. No:

State Approval/Waste Code:

NAICS #:

Generator Mailing Address ☒ (if different) 96 River Road, PO Box 30

City: Scottsville

County: Monroe

State: New York

ZIP: 14546

Generator Contact Name: Kirk Walker

Email: kwalker@pandcg.com

Phone Number: 585-889-8500

Ext:

Fax Number: 585-889-1219

II. Billing Information

Bill to: Roux Associates, Inc.

Contact Name: Eric Warren

Billing Address: 209 Shafter Street

Email: ewarren@rouxinc.com

City: Islandia

State: New York

ZIP: 11749

Phone: 716-856-0599

III. Waste Stream Information

Name of Waste: Soil

Process Generating Waste: Power & Construction Group excavated onsite soil around National Grid power poles for inspection of the pole bases. Even though the inspection work is completed in a National Grid easement, the site is in the NYSDEC BCP Sites # C915198I and C915198J. The subgrade soil is intermixed with topsoil and cannot be used as backfill per NYSDEC and must be disposed of at an approved landfill.

Type of Waste: Industrial Process Waste

Physical State: Solid

Method of Shipment: Other

Estimated Volume: 40

Volume Type: Tons

Frequency: One-time Event (single project)

Disposal Consideration: Landfill

IV. Representative Sample Certification

☐ No Sample Taken

☒ Sample Taken Type of Sample Composite Sample

Is the representative sample collected to prepare this profile and laboratory analysis collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent? ☒ Yes ☐ No

Sample Date: 4/24/25

Sample ID Numbers or SDS:

Sample ID # L2525362-02 is for disposal approval only.
Sample ID # L2525362-01 is not material that would be in this request for approval.

Initial here RAW

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

Special Waste Profile



V. Physical Characteristics of Waste

Characteristic Components (must equal 100%):

% By Weight (out of 100% – ranges acceptable):

1. Soil
- 2.
- 3.
- 4.
- 5.

100

Color:	Odor (describe):	Does Waste Contain Free Liquids?	% Solids:	pH:	Flash Point:
Brown	None	☐ Yes ☒ No	100	7.5	>250 °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

RCRA Regulatory Questions

1. Does this waste or generating process contain regulated concentrations of the following pesticides and/or herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33 ☐ Yes ☒ No
2. Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]? ☐ Yes ☒ No
3. Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761 ☐ Yes ☒ No
4. Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-listed solvents? ☐ Yes ☒ No
5. Has this waste been delisted under 40 CFR 260.20 and 260.22? If yes, attach the final decision to delist the waste as published in the Federal Register. ☐ Yes ☒ No
6. Does this waste exhibit a hazardous characteristic as defined by federal and/or state regulations? If Yes, identify the applicable waste code and specify if the waste is hazardous as defined by federal, state or both ☐ Yes ☒ No
7. Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31 ☐ Yes ☒ No
8. Is this a regulated medical or infectious waste as defined by federal and/or state regulations ☐ Yes ☒ No
9. Is this a regulated radioactive waste as defined by federal and/or state regulations ☐ Yes ☒ No
10. Is this a solid waste that is not a hazardous waste in accordance with 40 CFR 261.4(b)? If yes, please provide the corresponding regulatory citation. ☐ Yes ☒ No

Republic Services Waste Handling Questions

1. Does this waste generate heat or react when contacted with water/moisture? ☐ Yes ☒ No
2. Does the waste contain sulfur or sulfur by-products? ☐ Yes ☒ No
3. Is this waste generated at a state or federal Superfund cleanup site subject to regulation under CERCLA? ☐ Yes ☒ No
- 4a. Is this waste from a TSD facility, TSD-like facility or consolidator (i.e. multiple wastes/multiple generators)? ☐ Yes ☒ No
- 4b. If yes to the above question, please provide clarification

Initial here

CAW

VI. Certification

I hereby certify that I have knowledge about the waste material being offered for disposal ("Waste") and have the requisite authority to bind the Generator to the information contained in this Special Waste Profile ("Profile"). I further certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the Waste and all known or suspected hazards have been disclosed. All Analytical Results/Safety Data Sheets submitted are truthful and complete and are representative of the Waste.

I further certify that by utilizing this Profile, neither myself nor any other employee or representative of the company identified below ("Company") will deliver for disposal or attempt to deliver for disposal any Waste that: (i) is classified as toxic waste, hazardous waste or infectious waste; (ii) that does not conform to this Profile; or (iii) that this Disposal Facility is prohibiting from accepting by law. I shall immediately give written notice of any change or condition pertaining to the Waste not provided herein. Our Company hereby agrees to fully indemnify this Disposal Facility against any damages resulting from this Profile or Certification being inaccurate or untrue.

I understand that by attaching an electronic signature, I am signing this document and Company consents to complete this transaction and receive all related communications electronically, and agrees this document will be binding as though it had been physically signed. A printout of this Profile may be accepted with the same authority as the original.

Kirk Walker

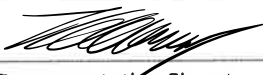
Authorized Representative Name
(Printed)

Division Manager

Title
(Printed)

Power & Construction Group, Inc.

Company Name



Representative Signature

5/14/25

Date

Roux Associates, Inc.
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
Main: 716-856-0599
Fax: 716-856-0583
www.rouxinc.com



No. 246

Date: 5/29/25

Customer: Power Construction Group

Job: 4987-0001 Pools - 02-04

Truck # T2 Driver Michael

LOAD LOCATION 6 Dora

DUMP LOCATION Republic Landfill

MATERIAL 1A Contaminated soil

REMARKS

Job Start 6:00

Job Finish 8:45

Travel Time

☐ Lunch ☒ No Lunch

Total

LD #	TICKET #	WEIGHT	WAIT-TIME	
			JOB IN - OUT	PLANT IN - OUT
1	1290147	13.62	—	—
2			—	—
3			—	—
4			—	—
5			—	—
6			—	—
7			—	—
8			—	—
9			—	—
10			—	—
11			—	—
12			—	—
13			—	—
14			—	—
15			—	—

Customer Signature: _____

OUR RESPONSIBILITY ENDS AT THE CURB

White = ROUX Yellow = Job Pink = Trucker

SITENIAGARA FALLS LANDFILL 716-282-6381 5600 Niagara Falls Blvd -Niagara Falls, NY 14304		SITE# 1290147 CELL WEIGHMASTER Pam S. DATE/TIME IN 5/29/25 8:04 AM DATE/TIME OUT 5/29/25 8:06 AM VEHICLE RCOX V2 CONTAINER REFERENCE BILL OF LADING N/A				
CUSTOMER 392139 RCOX ENVIRONMENTAL ENGINEERING & GEOLOGY 2558 HAMBURG TURNPIKE BUFFALO, NY 14218 Contract: 0215257890 Generator: Power & Construction Group Inc						
SCALE IN GROSS WEIGHT 53,540 NET TONS 13.62 TARE OUT TARE WEIGHT 26,300 NET WEIGHT 27,240		INBOUND INVOICE				
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
12.00	TD	Tracking QTY				
13.62	tn	SW-CONT SOIL Origin: NY-BRIE 100%				
						
Have a nice day. Thank you for your business!						NET AMOUNT
						TENDERED
						CHANGE
						CHECK#
The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.						SIGNATURE _____



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

4112202

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. ☐ Generator's US EPA ID Number		a. ☐ Generator's State ID Number		b. Manifest Document Number		c. Page 1 of					
d. Generator's Name and Location: National Fuel Gas Along Erie City's Bethlehem Shoreline Trail Lackawanna, NY 14218				e. Generator's Mailing Address: National Fuel Gas 6363 Main Street Williamsville, NY 14221							
f. Phone:				g. Phone:							
If owner of the generating facility differs from the generator, provide:											
h. Owner's Name:				i. Owner's Phone No.:							
j. Waste Profile #		k. Exp. Date		l. Waste Shipping Name and Description		m. Containers No. Type		n. Total Quantity		o. Unit Wt/Vol	
A 4215254974		3/27/2020		Soil		1 T		12yds			
B.											
C.											

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) Brend Walker		q. Signature [Signature]		r. Date 4/18/25	
--	--	-----------------------------	--	--------------------	--

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: TL Loux Environmental Services 2458 Hamburg Turnpike, Buffalo NY 14218			1A-1655		
b. Phone: 716-566-5865					
c. Driver Name (Print)			d. Signature		e. Date 4/22

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Allied Waste Niagara Falls Landfill LLC 5600 Niagara Falls Blvd, Niagara Falls, NY		c. US EPA Number		d. Discrepancy Indication Space:	
b. I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.					
e. Name of Authorized Agent (Print)		f. Signature		g. Date	

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:		c. Responsible Agency Name and Address:	
b. Phone:		d. Phone:	
e. Special Handling Instructions and Additional Information:			
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable			
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.			
g. Operator's Name and Title (Print)		h. Signature	
i. Date			
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both			

APPENDIX D

Import Documentation



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that passes a size 100 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Location where fill was obtained:

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Eric A. Warren

Signature

Date

Print Name

Firm



TABLE 1
SUMMARY OF TOPSOIL ANALYTICAL RESULTS

For Use at 6 Dona Street for Power & Construction Group

Pace Analytical Report # L2525362

PARAMETER ¹	Unrestricted Use ²	Residential Use ²	Restricted Residential Use ²	Commercial or Industrial Use ²	Sample Location
					IMPORT
					4/24/2025
Volatile Organic Compounds (VOCs) - mg/Kg ³					
Total VOCs					ND
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg ³					
Benzo(a)anthracene	1	1	1	1	0.024 J
Fluoranthene	100	100	100	500	0.046 J
Phenanthrene	100	100	100	500	0.029 J
Pyrene	100	100	100	500	0.035 J
Total Metals - mg/Kg					
Arsenic	13	16	16	16	5.73
Barium	350	350	400	400	28.6
Beryllium	7.2	14	47	47	0.327 J
Cadmium	2.5	2.5	4.3	7.5	0.225 J
Chromium, Trivalent	30	36	180	1500	7.09
Copper	50	270	270	270	15
Lead	63	400	400	450	14
Manganese	1600	2000	2000	2000	276
Nickel	30	130	130	130	12.4
Selenium	3.9	4	4	4	0.365 J
Zinc	109	2200	2480	2480	47.6
Polychlorinated biphenyls (PCBs) - mg/Kg					
Total PCBs	0.1	1	1	1	ND
Pesticides and Herbicides - mg/Kg ³					
Total Pesticides and Herbicides					ND
Perfluorinated Alkyl Acids- ug/kg ⁴					
Perfluorobutanoic Acid (PFBA)	--	--	--	--	0.086 J
Perfluorohexanoic Acid (PFHxA)	--	--	--	--	0.035 J
Perfluoroheptanoic Acid (PFHpA)	--	--	--	--	0.035 J
Perfluorooctanoic Acid (PFOA)	0.66	6.6	33	500/600	0.142 J
Perfluorononanoic Acid (PFNA)	--	--	--	--	0.038 J
Perfluorooctanesulfonic Acid (PFOS)	0.88	8.8	44	440	0.15 J
Perfluoroundecanoic Acid (PFUnA)	--	--	--	--	0.018 J
PFOA/PFOS, Total	--	--	--	--	0.504 J

Notes:

- Only those parameters detected at a minimum of one sample location are presented in this table; other compounds were reported as non-detect.
- Values per NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (SCOs).
- Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
- Values per NYSDEC Part 375 Sampling, Analysis and Assessment of Per-And Polyfluoroalkyl Substances (PFAS) June 2021.

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value available for the parameter; Parameter not analyzed for.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

B = Compound was found in the blank and sample.

I = Value is estimated maximum possible concentration.

vs = Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L.

D = Compounds were identified in an analysis at the secondary dilution factor.

F1 = MS/MSD RPD exceeds control limits

Bold	= Result exceeds Unrestricted Use SCOs.
Bold	= Result exceeds Residential Use SCOs.
Bold	= Result exceeds Restricted Residential Use SCOs.
Bold	= Result exceeds Commercial/Industrial Use SCOs.



ANALYTICAL REPORT

Lab Number:	L2525362
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Eric Warren
Phone:	(716) 856-0599
Project Name:	NATIONAL GRID-TMP
Project Number:	4987.001B000-02-02
Report Date:	05/08/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2525362-01	IMPORT	SOIL	LACKAWANNA, NY	04/24/25 11:30	04/24/25
L2525362-02	DISPOSAL	SOIL	LACKAWANNA, NY	04/24/25 11:00	04/24/25

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Case Narrative (continued)

Report Submission

May 08, 2025: This final report includes the results of all requested analyses.

May 05, 2025: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2525362-01: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2525362-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 05/08/25

ORGANICS

VOLATILES

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/02/25 15:14
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.97	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
Methyl Acetate	ND		ug/kg	5.6	1.3	1
Cyclohexane	ND		ug/kg	14	0.76	1
1,4-Dioxane	ND		ug/kg	110	49.	1
Freon-113	ND		ug/kg	5.6	0.97	1
Methyl cyclohexane	ND		ug/kg	5.6	0.84	1

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



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-02
Client ID: DISPOSAL
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/30/25 21:17
Analyst: MCM
Percent Solids: 81%
TCLP/SPLP Ext. Date: 04/29/25 08:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	81		70-130
dibromofluoromethane	105		70-130

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 04/30/25 15:55
 Analyst: MCM
 TCLP/SPLP Extraction Date: 04/29/25 08:26

Extraction Date: 04/29/25 08:26

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG2061016-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	84		70-130
dibromofluoromethane	101		70-130

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/02/25 14:53
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2062445-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 05/02/25 14:53
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2062445-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/02/25 14:53
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG2062445-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG2061016-3 WG2061016-4								
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
Tetrachloroethene	100		99		70-130	1		20
Chlorobenzene	94		90		75-130	4		25
1,2-Dichloroethane	110		100		70-130	10		20
Benzene	91		90		70-130	1		25
Vinyl chloride	94		98		55-140	4		20
1,1-Dichloroethene	110		110		61-145	0		25
Trichloroethene	100		100		70-130	0		25
1,4-Dichlorobenzene	84		84		70-130	0		20
2-Butanone	86		87		63-138	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		114		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	76		81		70-130
dibromofluoromethane	99		94		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2062445-3 WG2062445-4								
Methylene chloride	88		88		70-130	0		30
1,1-Dichloroethane	94		94		70-130	0		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	99		98		70-130	1		30
1,2-Dichloropropane	97		98		70-130	1		30
Dibromochloromethane	95		99		70-130	4		30
1,1,2-Trichloroethane	93		98		70-130	5		30
Tetrachloroethene	103		102		70-130	1		30
Chlorobenzene	98		98		70-130	0		30
Trichlorofluoromethane	100		98		70-139	2		30
1,2-Dichloroethane	92		93		70-130	1		30
1,1,1-Trichloroethane	100		98		70-130	2		30
Bromodichloromethane	94		97		70-130	3		30
trans-1,3-Dichloropropene	96		101		70-130	5		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
Bromoform	90		99		70-130	10		30
1,1,2,2-Tetrachloroethane	92		100		70-130	8		30
Benzene	97		96		70-130	1		30
Toluene	89		90		70-130	1		30
Ethylbenzene	100		100		70-130	0		30
Chloromethane	96		94		52-130	2		30
Bromomethane	99		96		57-147	3		30
Vinyl chloride	99		96		67-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2062445-3 WG2062445-4								
Chloroethane	99		97		50-151	2		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	94		95		70-130	1		30
Trichloroethene	100		102		70-130	2		30
1,2-Dichlorobenzene	97		100		70-130	3		30
1,3-Dichlorobenzene	99		102		70-130	3		30
1,4-Dichlorobenzene	98		102		70-130	4		30
Methyl tert butyl ether	92		97		66-130	5		30
p/m-Xylene	99		100		70-130	1		30
o-Xylene	100		101		70-130	1		30
cis-1,2-Dichloroethene	93		92		70-130	1		30
Styrene	100		101		70-130	1		30
Dichlorodifluoromethane	97		93		30-146	4		30
Acetone	92		105		54-140	13		30
Carbon disulfide	96		94		59-130	2		30
2-Butanone	85		100		70-130	16		30
4-Methyl-2-pentanone	85		98		70-130	14		30
2-Hexanone	77		91		70-130	17		30
Bromochloromethane	94		94		70-130	0		30
1,2-Dibromoethane	94		100		70-130	6		30
n-Butylbenzene	107		109		70-130	2		30
sec-Butylbenzene	104		106		70-130	2		30
1,2-Dibromo-3-chloropropane	84		98		68-130	15		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG2062445-3 WG2062445-4								
Isopropylbenzene	104		105		70-130	1		30
p-Isopropyltoluene	105		106		70-130	1		30
n-Propylbenzene	105		106		70-130	1		30
1,2,3-Trichlorobenzene	94		101		70-130	7		30
1,2,4-Trichlorobenzene	100		104		70-130	4		30
1,3,5-Trimethylbenzene	102		104		70-130	2		30
1,2,4-Trimethylbenzene	101		103		70-130	2		30
Methyl Acetate	81		90		51-146	11		30
Cyclohexane	100		99		59-142	1		30
1,4-Dioxane	84		95		65-136	12		30
Freon-113	102		99		50-139	3		30
Methyl cyclohexane	103		101		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	97		98		70-130

SEMIVOLATILES

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/01/25 08:40
Analyst: IMK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/30/25 08:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	46	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	24	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01

Date Collected: 04/24/25 11:30

Client ID: IMPORT

Date Received: 04/24/25

Sample Location: LACKAWANNA, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	29	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	35	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	55		18-120

Project Name: NATIONAL GRID-TMP**Lab Number:** L2525362**Project Number:** 4987.001B000-02-02**Report Date:** 05/08/25**SAMPLE RESULTS**

Lab ID: L2525362-01

Date Collected: 04/24/25 11:30

Client ID: IMPORT

Date Received: 04/24/25

Sample Location: LACKAWANNA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 1633

Analytical Method: 144,1633

Extraction Date: 05/07/25 08:30

Analytical Date: 05/07/25 22:39

Cleanup Method: EPA 1633

Analyst: ANH

Cleanup Date: 05/07/25

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.086	J	ng/g	0.800	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.035	J	ng/g	0.200	0.015	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026	1
Perfluoroheptanoic Acid (PFHpA)	0.035	J	ng/g	0.200	0.012	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020	1
Perfluorooctanoic Acid (PFOA)	0.142	J	ng/g	0.200	0.026	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045	1
Perfluorononanoic Acid (PFNA)	0.038	J	ng/g	0.200	0.013	1
Perfluorooctanesulfonic Acid (PFOS)	0.150	J	ng/g	0.200	0.031	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086	1
Perfluoroundecanoic Acid (PFUnA)	0.018	J	ng/g	0.200	0.013	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022	1



Project Name: NATIONAL GRID-TMP**Lab Number:** L2525362**Project Number:** 4987.001B000-02-02**Report Date:** 05/08/25**SAMPLE RESULTS****Lab ID:** L2525362-01**Date Collected:** 04/24/25 11:30**Client ID:** IMPORT**Date Received:** 04/24/25**Sample Location:** LACKAWANNA, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366	1

Project Name: NATIONAL GRID-TMP**Lab Number:** L2525362**Project Number:** 4987.001B000-02-02**Report Date:** 05/08/25**SAMPLE RESULTS****Lab ID:** L2525362-01**Date Collected:** 04/24/25 11:30**Client ID:** IMPORT**Date Received:** 04/24/25**Sample Location:** LACKAWANNA, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	101		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	112		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	92		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	108		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	81		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	85		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78		15-130

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-02
Client ID: DISPOSAL
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/02/25 03:07
Analyst: LJG
Percent Solids: 81%
TCLP/SPLP Ext. Date: 04/25/25 20:20

Extraction Method: EPA 3510C
Extraction Date: 05/01/25 13:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pentachlorophenol	ND		ug/l	10	2.5	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pyridine	ND		ug/l	3.5	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	95		41-149

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/01/25 04:25
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 04/30/25 08:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2060560-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/01/25 04:25
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 04/30/25 08:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2060560-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/01/25 04:25
Analyst: IMK

Extraction Method: EPA 3546
Extraction Date: 04/30/25 08:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2060560-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	86		18-120

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 05/01/25 23:11
 Analyst: LJG
 TCLP/SPLP Extraction Date: 04/25/25 16:48

Extraction Method: EPA 3510C
 Extraction Date: 05/01/25 13:40

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 02 Batch: WG2061230-1					
Hexachlorobenzene	ND		ug/l	2.0	0.45
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachloroethane	ND		ug/l	2.0	0.20
Nitrobenzene	ND		ug/l	2.0	0.20
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
Pentachlorophenol	ND		ug/l	10	2.5
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Pyridine	ND		ug/l	3.5	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	85		41-149

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/07/25 21:00
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/07/25 08:30
Cleanup Method: EPA 1633
Cleanup Date: 05/07/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2063336-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.028
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.038
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.020
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.078
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.015
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.026
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.012
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.020
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.026
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.148
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.045
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.013
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.031
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.035
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.259
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.030
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.086
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.013
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.014
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.010
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.044
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.021
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.016
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.024
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.038
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.030
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.022



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/07/25 21:00
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/07/25 08:30
Cleanup Method: EPA 1633
Cleanup Date: 05/07/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2063336-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.030
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.040
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.026
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.022
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.122
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.082
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.017
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.024
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.046
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.082
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.092
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.236
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	0.366

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/07/25 21:00
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 05/07/25 08:30
Cleanup Method: EPA 1633
Cleanup Date: 05/07/25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG2063336-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	115		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	113		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	109		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	115		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	114		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	108		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	108		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	111		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	108		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	116		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	108		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	109		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	110		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	132		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	104		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	86		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	109		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	89		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	89		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	99		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90		15-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2060560-2 WG2060560-3								
Acenaphthene	76		69		31-137	10		50
Hexachlorobenzene	81		72		40-140	12		50
Bis(2-chloroethyl)ether	70		64		40-140	9		50
2-Chloronaphthalene	75		69		40-140	8		50
3,3'-Dichlorobenzidine	76		51		40-140	39		50
2,4-Dinitrotoluene	87		77		40-132	12		50
2,6-Dinitrotoluene	80		72		40-140	11		50
Fluoranthene	82		73		40-140	12		50
4-Chlorophenyl phenyl ether	77		68		40-140	12		50
4-Bromophenyl phenyl ether	78		69		40-140	12		50
Bis(2-chloroisopropyl)ether	75		68		40-140	10		50
Bis(2-chloroethoxy)methane	70		63		40-117	11		50
Hexachlorobutadiene	66		63		40-140	5		50
Hexachlorocyclopentadiene	85		78		40-140	9		50
Hexachloroethane	68		63		40-140	8		50
Isophorone	70		62		40-140	12		50
Naphthalene	72		67		40-140	7		50
Nitrobenzene	70		63		40-140	11		50
NDPA/DPA	80		73		36-157	9		50
n-Nitrosodi-n-propylamine	71		63		32-121	12		50
Bis(2-ethylhexyl)phthalate	94		78		40-140	19		50
Butyl benzyl phthalate	99		85		40-140	15		50
Di-n-butylphthalate	85		76		40-140	11		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2060560-2 WG2060560-3								
Di-n-octylphthalate	93		80		40-140	15		50
Diethyl phthalate	76		68		40-140	11		50
Dimethyl phthalate	73		67		40-140	9		50
Benzo(a)anthracene	80		70		40-140	13		50
Benzo(a)pyrene	89		77		40-140	14		50
Benzo(b)fluoranthene	84		73		40-140	14		50
Benzo(k)fluoranthene	90		76		40-140	17		50
Chrysene	81		69		40-140	16		50
Acenaphthylene	79		72		40-140	9		50
Anthracene	82		74		40-140	10		50
Benzo(ghi)perylene	87		78		40-140	11		50
Fluorene	80		70		40-140	13		50
Phenanthrene	82		74		40-140	10		50
Dibenzo(a,h)anthracene	85		76		40-140	11		50
Indeno(1,2,3-cd)pyrene	84		71		40-140	17		50
Pyrene	84		73		35-142	14		50
Biphenyl	76		68		37-127	11		50
4-Chloroaniline	70		59		40-140	17		50
2-Nitroaniline	85		76		47-134	11		50
3-Nitroaniline	72		54		26-129	29		50
4-Nitroaniline	82		71		41-125	14		50
Dibenzofuran	78		70		40-140	11		50
2-Methylnaphthalene	71		64		40-140	10		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2060560-2 WG2060560-3								
1,2,4,5-Tetrachlorobenzene	74		67		40-117	10		50
Acetophenone	72		64		14-144	12		50
2,4,6-Trichlorophenol	79		71		30-130	11		50
p-Chloro-m-cresol	76		67		26-103	13		50
2-Chlorophenol	77		70		25-102	10		50
2,4-Dichlorophenol	78		70		30-130	11		50
2,4-Dimethylphenol	78		69		30-130	12		50
2-Nitrophenol	82		75		30-130	9		50
4-Nitrophenol	88		78		11-114	12		50
2,4-Dinitrophenol	91		76		4-130	18		50
4,6-Dinitro-o-cresol	103		88		10-130	16		50
Pentachlorophenol	86		75		17-109	14		50
Phenol	68		65		26-90	5		50
2-Methylphenol	75		66		30-130.	13		50
3-Methylphenol/4-Methylphenol	74		65		30-130	13		50
2,4,5-Trichlorophenol	82		74		30-130	10		50
Carbazole	84		75		54-128	11		50
Atrazine	86		74		40-140	15		50
Benzaldehyde	70		60		40-140	15		50
Caprolactam	91		80		15-130	13		50
2,3,4,6-Tetrachlorophenol	84		75		40-140	11		50
1,4-Dioxane	67		62		40-140	8		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2060560-2 WG2060560-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		71		25-120
Phenol-d6	77		69		10-120
Nitrobenzene-d5	72		65		23-120
2-Fluorobiphenyl	77		68		30-120
2,4,6-Tribromophenol	93		82		10-136
4-Terphenyl-d14	86		76		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 02 Batch: WG2061230-2 WG2061230-3								
Hexachlorobenzene	83		84		40-140	1		30
2,4-Dinitrotoluene	99		100		48-143	1		30
Hexachlorobutadiene	69		72		40-140	4		30
Hexachloroethane	69		71		40-140	3		30
Nitrobenzene	85		86		40-140	1		30
2,4,6-Trichlorophenol	83		84		30-130	1		30
Pentachlorophenol	92		96		9-103	4		30
2-Methylphenol	56		58		30-130	4		30
3-Methylphenol/4-Methylphenol	69		74		30-130	7		30
2,4,5-Trichlorophenol	92		93		30-130	1		30
Pyridine	59		41		10-66	36	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		57		21-120
Phenol-d6	38		43		10-120
Nitrobenzene-d5	81		83		23-120
2-Fluorobiphenyl	71		78		15-120
2,4,6-Tribromophenol	86		90		10-120
4-Terphenyl-d14	83		84		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2063336-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	109		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	111		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	119		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	101		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	126		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	97		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	112		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	129		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	110		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	102		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	108		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	112		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	112		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	109		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	116		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	111		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	88		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	107		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	118		-		65-165	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2063336-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	117		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	106		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	109		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	89		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUDS)	105		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	108		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	113		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	113		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	115		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	100		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	97		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	96		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	104		-		60-150	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2063336-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	97				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	100				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	90				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	100				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	98				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	99				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	77				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	88				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				15-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2063336-3								
Perfluorobutanoic Acid (PFBA)	113		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		60-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	114		-		65-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	113		-		60-150	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		65-140	-		30
Perfluoropentanesulfonic Acid (PFPeS)	124		-		55-160	-		30
Perfluoroheptanoic Acid (PFHpA)	109		-		65-145	-		30
Perfluorohexanesulfonic Acid (PFHxS)	109		-		60-150	-		30
Perfluorooctanoic Acid (PFOA)	103		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	122		-		55-200	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		65-155	-		30
Perfluorononanoic Acid (PFNA)	110		-		70-155	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		65-160	-		30
Perfluorodecanoic Acid (PFDA)	110		-		70-155	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		70-150	-		30
Perfluorononanesulfonic Acid (PFNS)	108		-		55-140	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	117		-		65-155	-		30
Perfluoroundecanoic Acid (PFUnA)	122		-		70-155	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		40-155	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		65-165	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2063336-3								
Perfluorododecanoic Acid (PFDoA)	109		-		70-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	89		-		65-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	106		-		65-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	111		-		70-145	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	111		-		70-160	-		30
Perfluorododecanesulfonic Acid (PFDoS)	93		-		25-160	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	114		-		70-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUs)	100		-		45-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	111		-		70-155	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		70-140	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	108		-		70-140	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	114		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	110		-		30-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	106		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		60-155	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	99		-		45-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	104		-		60-130	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	104		-		60-150	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG2063336-3								

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	98				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	93				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	87				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	96				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	94				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	105				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	91				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				15-130

PCBS

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/01/25 01:46
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/30/25 08:02
Cleanup Method: EPA 3665A
Cleanup Date: 04/30/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/30/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.8	5.31	1	A
Aroclor 1221	ND		ug/kg	59.8	5.99	1	A
Aroclor 1232	ND		ug/kg	59.8	12.7	1	A
Aroclor 1242	ND		ug/kg	59.8	8.06	1	A
Aroclor 1248	ND		ug/kg	59.8	8.97	1	A
Aroclor 1254	ND		ug/kg	59.8	6.54	1	A
Aroclor 1260	ND		ug/kg	59.8	11.0	1	A
Aroclor 1262	ND		ug/kg	59.8	7.60	1	A
Aroclor 1268	ND		ug/kg	59.8	6.20	1	A
PCBs, Total	ND		ug/kg	59.8	5.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-02
Client ID: DISPOSAL
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:00
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/01/25 01:54
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 04/30/25 08:02
Cleanup Method: EPA 3665A
Cleanup Date: 04/30/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/30/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.5	5.38	1	A
Aroclor 1221	ND		ug/kg	60.5	6.07	1	A
Aroclor 1232	ND		ug/kg	60.5	12.8	1	A
Aroclor 1242	ND		ug/kg	60.5	8.16	1	A
Aroclor 1248	ND		ug/kg	60.5	9.08	1	A
Aroclor 1254	38.7	J	ug/kg	60.5	6.62	1	B
Aroclor 1260	23.2	J	ug/kg	60.5	11.2	1	A
Aroclor 1262	ND		ug/kg	60.5	7.69	1	A
Aroclor 1268	12.1	J	ug/kg	60.5	6.27	1	B
PCBs, Total	74.0	J	ug/kg	60.5	5.38	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/01/25 01:13
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 04/30/25 08:02
Cleanup Method: EPA 3665A
Cleanup Date: 04/30/25
Cleanup Method: EPA 3660B
Cleanup Date: 04/30/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG2060499-1						
Aroclor 1016	ND		ug/kg	47.6	4.22	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.41	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.20	A
Aroclor 1260	ND		ug/kg	47.6	8.79	A
Aroclor 1262	ND		ug/kg	47.6	6.04	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG2060499-2 WG2060499-3									
Aroclor 1016	69		74		40-140	7		50	A
Aroclor 1260	64		68		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		79		30-150	A
Decachlorobiphenyl	62		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		80		30-150	B
Decachlorobiphenyl	62		66		30-150	B

PESTICIDES

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/01/25 10:11
Analyst: EMR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/30/25 10:26
Cleanup Method: EPA 3620B
Cleanup Date: 05/01/25
Cleanup Method: EPA 3660B
Cleanup Date: 05/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.373	1	A
Lindane	ND		ug/kg	0.794	0.355	1	A
Alpha-BHC	ND		ug/kg	0.794	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.723	1	A
Heptachlor	ND		ug/kg	0.953	0.427	1	A
Aldrin	ND		ug/kg	1.91	0.671	1	A
Heptachlor epoxide	ND		ug/kg	3.57	1.07	1	A
Endrin	ND		ug/kg	0.794	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.834	1	A
Endrin ketone	ND		ug/kg	1.91	0.491	1	A
Dieldrin	ND		ug/kg	1.19	0.596	1	A
4,4'-DDE	ND		ug/kg	1.91	0.441	1	A
4,4'-DDD	ND		ug/kg	1.91	0.680	1	A
4,4'-DDT	ND		ug/kg	1.91	1.53	1	B
Endosulfan I	ND		ug/kg	1.91	0.450	1	A
Endosulfan II	ND		ug/kg	1.91	0.637	1	A
Endosulfan sulfate	ND		ug/kg	0.794	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	10.0	1	A
cis-Chlordane	ND		ug/kg	2.38	0.664	1	A
trans-Chlordane	ND		ug/kg	2.38	0.629	1	A
Chlordane	ND		ug/kg	15.9	6.31	1	A

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 04/28/25 13:37
Analyst: EJL
Percent Solids: 83%
Methylation Date: 04/28/25 02:41

Extraction Method: EPA 8151A
Extraction Date: 04/26/25 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.17	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	81		30-150	B

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 04/27/25 08:25
 Analyst: AKM

Extraction Method: EPA 8151A
 Extraction Date: 04/25/25 21:43

Methylation Date: 04/26/25 15:18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG2058876-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	71		30-150	B

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/01/25 09:38
 Analyst: EMR

Extraction Method: EPA 3546
 Extraction Date: 04/30/25 10:26
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG2060623-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.657	0.294	A
Alpha-BHC	ND		ug/kg	0.657	0.186	A
Beta-BHC	ND		ug/kg	1.58	0.598	A
Heptachlor	ND		ug/kg	0.788	0.353	A
Aldrin	ND		ug/kg	1.58	0.555	A
Heptachlor epoxide	ND		ug/kg	2.96	0.887	A
Endrin	ND		ug/kg	0.657	0.269	A
Endrin aldehyde	ND		ug/kg	1.97	0.690	A
Endrin ketone	ND		ug/kg	1.58	0.406	A
Dieldrin	ND		ug/kg	0.986	0.493	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.562	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.372	A
Endosulfan II	ND		ug/kg	1.58	0.527	A
Endosulfan sulfate	ND		ug/kg	0.657	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.920	A
Toxaphene	ND		ug/kg	29.6	8.28	A
cis-Chlordane	ND		ug/kg	1.97	0.549	A
trans-Chlordane	ND		ug/kg	1.97	0.520	A
Chlordane	ND		ug/kg	13.1	5.22	A

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/01/25 09:38
 Analyst: EMR

Extraction Method: EPA 3546
 Extraction Date: 04/30/25 10:26
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/01/25
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/01/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG2060623-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	72		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2058876-2 WG2058876-3									
2,4-D	63		66		30-150	5		30	A
2,4,5-T	73		77		30-150	5		30	A
2,4,5-TP (Silvex)	69		73		30-150	6		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	69		73		30-150	A
DCAA	75		81		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2060623-2 WG2060623-3									
Delta-BHC	66		64		30-150	3		30	A
Lindane	75		72		30-150	4		30	A
Alpha-BHC	71		68		30-150	4		30	A
Beta-BHC	72		68		30-150	6		30	A
Heptachlor	76		73		30-150	4		30	A
Aldrin	67		64		30-150	5		30	A
Heptachlor epoxide	57		54		30-150	5		30	A
Endrin	80		76		30-150	5		30	A
Endrin aldehyde	68		65		30-150	5		30	A
Endrin ketone	81		76		30-150	6		30	A
Dieldrin	81		77		30-150	5		30	A
4,4'-DDE	66		61		30-150	8		30	A
4,4'-DDD	87		82		30-150	6		30	A
4,4'-DDT	89		84		30-150	6		30	A
Endosulfan I	65		63		30-150	3		30	A
Endosulfan II	70		66		30-150	6		30	A
Endosulfan sulfate	69		66		30-150	4		30	A
Methoxychlor	97		92		30-150	5		30	A
cis-Chlordane	63		59		30-150	7		30	A
trans-Chlordane	76		72		30-150	5		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG2060623-2 WG2060623-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		50		30-150	A
Decachlorobiphenyl	68		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		66		30-150	B
Decachlorobiphenyl	77		71		30-150	B

METALS

Project Name: NATIONAL GRID-TMP**Lab Number:** L2525362**Project Number:** 4987.001B000-02-02**Report Date:** 05/08/25**SAMPLE RESULTS**

Lab ID: L2525362-01

Date Collected: 04/24/25 11:30

Client ID: IMPORT

Date Received: 04/24/25

Sample Location: LACKAWANNA, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.73		mg/kg	0.962	0.416	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Barium, Total	28.6		mg/kg	0.962	0.102	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.327	J	mg/kg	0.481	0.053	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.225	J	mg/kg	0.962	0.053	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Chromium, Total	7.09		mg/kg	0.962	0.816	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Copper, Total	15.0		mg/kg	0.962	0.218	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Lead, Total	14.0		mg/kg	4.81	0.229	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Manganese, Total	276		mg/kg	0.962	0.516	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.084	0.055	1	04/30/25 23:51	05/01/25 11:07	EPA 7471B	1,7471B	JWN
Nickel, Total	12.4		mg/kg	2.40	0.777	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Selenium, Total	0.365	J	mg/kg	1.92	0.316	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.481	0.287	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
Zinc, Total	47.6		mg/kg	4.81	0.583	2	04/30/25 22:07	05/01/25 16:05	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	7.09		mg/kg	0.970	0.816	1		05/01/25 16:05	NA	107,-	



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-02
 Client ID: DISPOSAL
 Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:00
 Date Received: 04/24/25
 Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 04/26/25 20:20
 Matrix: Soil
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	05/01/25 10:42	05/01/25 14:47	EPA 3015	1,6010D	DMC
Barium, TCLP	0.832		mg/l	0.500	0.0210	1	05/01/25 10:42	05/01/25 14:47	EPA 3015	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/01/25 10:42	05/01/25 14:47	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/01/25 10:42	05/01/25 14:47	EPA 3015	1,6010D	DMC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/01/25 10:42	05/01/25 14:47	EPA 3015	1,6010D	DMC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/01/25 10:56	05/01/25 14:11	EPA 7470A	1,7470A	CME
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/01/25 10:42	05/01/25 14:47	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/01/25 10:42	05/01/25 14:47	EPA 3015	1,6010D	DMC



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2060859-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.042	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.022	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.022	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.339	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.091	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.095	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.214	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.323	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.132	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.119	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.242	1	04/30/25 22:07	05/01/25 14:53	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG2060864-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/30/25 23:51	05/01/25 10:20	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG2061025-1										
Arsenic, TCLP	0.0236	J	mg/l	1.00	0.0190	1	05/01/25 10:42	05/01/25 13:39	1,6010D	DMC
Barium, TCLP	ND		mg/l	0.500	0.0210	1	05/01/25 10:42	05/01/25 13:39	1,6010D	DMC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/01/25 10:42	05/01/25 13:39	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/01/25 10:42	05/01/25 13:39	1,6010D	DMC



Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Method Blank Analysis Batch Quality Control

Lead, TCLP	ND	mg/l	0.500	0.0270	1	05/01/25 10:42	05/01/25 13:39	1,6010D	DMC
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	05/01/25 10:42	05/01/25 13:39	1,6010D	DMC
Silver, TCLP	ND	mg/l	0.100	0.0280	1	05/01/25 10:42	05/01/25 13:39	1,6010D	DMC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 04/25/25 16:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 02 Batch: WG2061026-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/01/25 10:56	05/01/25 13:48	1,7470A	CME

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 04/25/25 16:48



Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2060859-2								
Arsenic, Total	104		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Copper, Total	108		-		80-120	-		
Lead, Total	105		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Selenium, Total	106		-		80-120	-		
Silver, Total	104		-		80-120	-		
Zinc, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2060864-2								
Mercury, Total	94		-		80-120	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG2061025-2					
Arsenic, TCLP	99	-	75-125	-	20
Barium, TCLP	100	-	75-125	-	20
Cadmium, TCLP	99	-	75-125	-	20
Chromium, TCLP	98	-	75-125	-	20
Lead, TCLP	100	-	75-125	-	20
Selenium, TCLP	89	-	75-125	-	20
Silver, TCLP	97	-	75-125	-	20

TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 Batch: WG2061026-2

Mercury, TCLP	104	-	80-120	-	
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Matrix Spike Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2060859-3 QC Sample: L2525164-03 Client ID: MS Sample												
Arsenic, Total	1.87	9.89	11.4	96		-	-		75-125	-		20
Barium, Total	46.1	165	210	99		-	-		75-125	-		20
Beryllium, Total	0.192J	4.12	4.28	104		-	-		75-125	-		20
Cadmium, Total	0.071J	4.37	4.10	94		-	-		75-125	-		20
Chromium, Total	6.57	16.5	21.0	88		-	-		75-125	-		20
Copper, Total	16.4	20.6	40.9	119		-	-		75-125	-		20
Lead, Total	8.97	43.7	54.1	103		-	-		75-125	-		20
Manganese, Total	231	41.2	281	121		-	-		75-125	-		20
Nickel, Total	6.93	41.2	45.9	95		-	-		75-125	-		20
Selenium, Total	ND	9.89	8.72	88		-	-		75-125	-		20
Silver, Total	ND	4.12	4.23	103		-	-		75-125	-		20
Zinc, Total	17.6	41.2	54.4	89		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2060864-3 QC Sample: L2525164-03 Client ID: MS Sample												
Mercury, Total	ND	1.38	1.31	95		-	-		80-120	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG2061025-3 QC Sample: L2524796-01 Client ID: MS Sample									
Arsenic, TCLP	ND	1.2	1.23	102	-	-	75-125	-	20
Barium, TCLP	0.427J	20	20.8	104	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.516	97	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.89	94	-	-	75-125	-	20
Lead, TCLP	0.224J	5.3	5.47	103	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.08	90	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.473	95	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG2061026-3 QC Sample: L2524796-01 Client ID: MS Sample									
Mercury, TCLP	ND	0.025	0.0251	100	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2060859-4 QC Sample: L2525164-03 Client ID: DUP Sample						
Arsenic, Total	1.87	2.02	mg/kg	8		20
Barium, Total	46.1	51.4	mg/kg	11		20
Beryllium, Total	0.192J	0.228J	mg/kg	NC		20
Cadmium, Total	0.071J	0.063J	mg/kg	NC		20
Chromium, Total	6.57	6.93	mg/kg	5		20
Copper, Total	16.4	15.9	mg/kg	3		20
Lead, Total	8.97	9.24	mg/kg	3		20
Manganese, Total	231	284	mg/kg	21	Q	20
Nickel, Total	6.93	7.79	mg/kg	12		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	17.6	19.5	mg/kg	10		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2060864-4 QC Sample: L2525164-03 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG2061025-4 QC Sample: L2524796-01 Client ID: DUP Sample					
Arsenic, TCLP	ND	ND	mg/l	NC	20
Barium, TCLP	0.427J	0.438J	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Chromium, TCLP	ND	ND	mg/l	NC	20
Lead, TCLP	0.224J	0.232J	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG2061026-4 QC Sample: L2524796-01 Client ID: DUP Sample					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

SAMPLE RESULTS

Lab ID: L2525362-01
Client ID: IMPORT
Sample Location: LACKAWANNA, NY

Date Collected: 04/24/25 11:30
Date Received: 04/24/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	04/26/25 14:27	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	04/30/25 19:00	05/01/25 14:28	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.970	0.194	1	04/29/25 14:49	04/30/25 15:20	1,7196A	RDS



Project Name: NATIONAL GRID-TMP**Project Number:** 4987.001B000-02-02**Lab Number:** L2525362**Report Date:** 05/08/25**SAMPLE RESULTS****Lab ID:** L2525362-02**Client ID:** DISPOSAL**Sample Location:** LACKAWANNA, NY**Date Collected:** 04/24/25 11:00**Date Received:** 04/24/25**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	04/26/25 14:27	121,2540G	ROI



Project Name: NATIONAL GRID-TMP

Lab Number: L2525362

Project Number: 4987.001B000-02-02

Report Date: 05/08/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2060178-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	04/29/25 14:49	04/30/25 15:20	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2060813-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	04/30/25 19:00	05/01/25 14:01	1,9010C/9012B	JER



Lab Control Sample Analysis **Batch Quality Control**

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2060178-2								
Chromium, Hexavalent	82		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2060813-2 WG2060813-3								
Cyanide, Total	92		87		80-120	5		35

Matrix Spike Analysis

Batch Quality Control

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2060178-4 QC Sample: L2525362-01 Client ID: IMPORT												
Chromium, Hexavalent	ND	1870	1600	86		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2060813-4 WG2060813-5 QC Sample: L2525164-10 Client ID: MS Sample												
Cyanide, Total	ND	10	8.7	87		9.6	96		75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2060813-6 WG2060813-7 QC Sample: L2525183-01 Client ID: MS Sample												
Cyanide, Total	ND	10	9.8	97		9.8	95		75-125	2		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: NATIONAL GRID-TMP

Project Number: 4987.001B000-02-02

Lab Number: L2525362

Report Date: 05/08/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2059001-1 QC Sample: L2525362-01 Client ID: IMPORT						
Solids, Total	82.5	82.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2060178-6 QC Sample: L2525362-01 Client ID: IMPORT						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: NATIONAL GRID-TMP**Lab Number:** L2525362**Project Number:** 4987.001B000-02-02**Report Date:** 05/08/25**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(*)
L2525362-01A	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2525362-01B	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2525362-01C	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2525362-01D	Vial Large Septa unpreserved (4oz)	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2525362-01E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2525362-01F	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2525362-01G	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-NY-1633(90)
L2525362-01X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2525362-01Y	Vial Water preserved split	A	NA		4.8	Y	Absent	29-APR-25 14:23	NYTCL-8260HLW-R2(14)
L2525362-01Z	Vial Water preserved split	A	NA		4.8	Y	Absent	29-APR-25 14:23	NYTCL-8260HLW-R2(14)
L2525362-02A	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2525362-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.8	Y	Absent		TCLP-EXT-ZHE(14)
L2525362-02C	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8082(365)
L2525362-02W	Amber 1L unpreserved Extracts	A	NA		4.8	Y	Absent		TCLP-8270-RVT(14)
L2525362-02X	Plastic 120ml HNO3 preserved Extracts	A	NA		4.8	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2525362-02X9	Tumble Vessel	A	NA		4.8	Y	Absent		-
L2525362-02Y	Vial unpreserved Extracts	A	NA		4.8	Y	Absent		TCLP-VOA(14)
L2525362-02Z	Vial unpreserved Extracts	A	NA		4.8	Y	Absent		TCLP-VOA(14)

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Serial_No:05082512:54
Lab Number: L2525362
Report Date: 05/08/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafuoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Serial_No:05082512:54
Lab Number: L2525362
Report Date: 05/08/25

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: NATIONAL GRID-TMP
Project Number: 4987.001B000-02-02

Lab Number: L2525362
Report Date: 05/08/25

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at its own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 27

Published Date: 01/24/2025

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.** **EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

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Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

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Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Jessica Dombrowski

From: Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>
Sent: Wednesday, May 28, 2025 12:36 PM
To: Eric Warren
Cc: Jessica Dombrowski; Thomas Forbes
Subject: RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

This message originated outside your organization. Please use caution!

Eric –

This soil is acceptable for use onsite. Please proceed with completing the cover system repairs and note within the appropriate PRR.

Sincerely,

Megan Kuczka (*she/her/hers*)
Environmental Program Specialist 2

New York State Department of Environmental Conservation

Division of Environmental Remediation

700 Delaware Avenue, Buffalo, NY 14209

(716) 851-7220 | megan.kuczka@dec.ny.gov

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From: Kuczka, Megan E (DEC)
Sent: Wednesday, May 28, 2025 11:16 AM
To: Eric Warren <ewarren@rouxinc.com>
Cc: Jessica Dombrowski <jdombrowski@rouxinc.com>; Thomas Forbes <tforbes@rouxinc.com>
Subject: RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

Eric –

Thank you for the update. I will review and will reach out with any questions.

Sincerely,

Megan Kuczka (*she/her/hers*)
Environmental Program Specialist 2

New York State Department of Environmental Conservation

Division of Environmental Remediation

700 Delaware Avenue, Buffalo, NY 14209

(716) 851-7220 | megan.kuczka@dec.ny.gov

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From: Eric Warren <ewarren@rouxinc.com>
Sent: Wednesday, May 28, 2025 11:11 AM
To: Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>
Cc: Jessica Dombrowski <jdombrowski@rouxinc.com>; Thomas Forbes <tforbes@rouxinc.com>
Subject: RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Megan – hope you had a nice holiday weekend. FYI, I just received landfill disposal approval for the soil at TMP (6 Dona Street) BCP # C915198I that was generated during the National Grid excavation work and we would like to jump on that tomorrow weather pending. It is only estimated to be one truck load of soil so shouldn't take too long.

Also please see the attached import paperwork to backfill with soil from this clean source (FYI – it's the same source that was recently approved for the National Fuel backfilling project that was completed along the Erie County bike path).

Thank you and please let me know if you have any questions.

Eric Warren | Senior Scientist II

2558 Hamburg Turnpike, Suite 300, Buffalo, NY 14218
Main: 716-856-0599 | Mobile: 716-462-0490
Email: ewarren@rouxinc.com | Website: www.rouxinc.com



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From: Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>
Sent: Wednesday, February 19, 2025 2:12 PM
To: Dan Troy <daniel.troy@gza.com>; Eric Warren <ewarren@rouxinc.com>
Subject: RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

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Understood. Thanks for the update Dan.

Sincerely,

Megan Kuczka (*she/her/hers*)
Environmental Program Specialist 1

New York State Department of Environmental Conservation

Division of Environmental Remediation

700 Delaware Avenue, Buffalo, NY 14209

(716) 851-7220 | megan.kuczka@dec.ny.gov

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From: Dan Troy <daniel.troy@gza.com>

Sent: Wednesday, February 19, 2025 2:10 PM

To: Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>; Eric Warren <ewarren@rouxinc.com>

Subject: RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

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Hi Megan,

We just had a call last Friday between National Grid, P&CG and Roux to discuss remedial requirements for this Site.

In a nutshell, P&CG has agreed to take ownership of the remedial repairs, and they will be contracting directly with ROUX as they are the engineer of record and most familiar with the site-specific requirements.

I imagine P&CG and ROUX need to work through their contracting requirements first and foremost, but once that is done, Eric will be coordinating this work and he will be able to keep you updated on the remedial progress.

Thanks for reaching out.

Dan

Daniel J. Troy, P.E., LEED AP

Senior Project Manager

GZA | 300 Pearl Street, Suite 700 | Buffalo, NY 14202

o: 716.844.7034 | c: 716.570.6673 | daniel.troy@gza.com | www.gza.com | [LinkedIn](#)

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From: Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>

Sent: Wednesday, February 19, 2025 1:20 PM

To: Dan Troy <daniel.troy@gza.com>; Eric Warren <ewarren@rouxinc.com>

Subject: [EXTERNAL] RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

Dan/Eric -

Any update on these repairs?

Thanks in advance,

Megan Kuczka (*she/her/hers*)
Environmental Program Specialist 1

New York State Department of Environmental Conservation

Division of Environmental Remediation

700 Delaware Avenue, Buffalo, NY 14209

(716) 851-7220 | megan.kuczka@dec.ny.gov

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From: Kuczka, Megan E (DEC)

Sent: Monday, November 25, 2024 1:08 PM

To: Daniel Troy <daniel.troy@gza.com>

Subject: RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

Dan –

Thank you for completing the requested revisions. Please proceed as noted below and notify me when the work is anticipated to begin.

Sincerely,

Megan Kuczka

she/her/hers

Environmental Program Specialist 1, Division of Environmental Remediation

New York State Department of Environmental Conservation

700 Delaware Avenue, Buffalo, NY 14209

P: (716) 851-7220 | F: (716) 851-7226 | Megan.Kuczka@dec.ny.gov

www.dec.ny.gov |  |  | 



**Department of
Environmental
Conservation**

From: Daniel Troy <daniel.troy@gza.com>

Sent: Monday, November 25, 2024 9:29 AM

To: Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>

Subject: RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good morning Megan,

Attached below is the revised excavation notification for the Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) cover system repairs, as requested. I have removed the reference of bagged topsoil and included the PFAS testing requirement. Although we are unaware of their scheduling availability, National Grid expects P&CG to make this work a priority for completion.

That said, and as previously requested, I am sending you the following plan on behalf of National Grid that addresses the activities required to repair the recently breached cover system around one of National Grid's structure foundations within the Brownfield Site identified as Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I). This Site is

managed under a site-specific Site Management Plan (SMP) titled “Appendix H-9 – Site Management Plan”, dated December 2020 and prepared for the site owner, Time Release Properties.

BACKGROUND

National Grid’s Transmission Line Maintenance (TLM) contractor, Power and Construction Group (P&CG), recently performed required foundation maintenance repairs at multiple National Grid structures in associated with the overhead 115kV electrical lines within the subject site. Excavation work at structures 74 and 75 resulted in the cover system being breached with the excavations made through the designated demarcation layer and into the underlying waste material. The excavations were made via hand digging and the generated spoil (both clean cover soil and underlying waste material) were comingled and staged on top of the grass covered area adjacent to the excavations. NYSDEC was contacted by the site owner’s representative after the improperly completed excavations were made; and National Grid was directed to repair the cover soil in accordance with the Site-specific Site Management Plan (SMP).

Section 2.2 of the SMP states, “In the event these cover systems are breached, penetrated, or temporarily removed, the cover system shall be repaired in accordance with Section 2.2 of the Control Property SMP and Section 4.0 of the Excavation Work Plan (SMP Appendix B)”. Based on this requirement, the plan to remediate the penetrated cover system is summarized below.

At National Grid’s direction, P&CG will contract directly with ROUX (formerly Benchmark and the SMP engineer of record/qualified environmental professional) to complete the necessary site remediation/repairs at the structure locations. National Grid expects P&CG to coordinate and schedule with ROUX as soon as possible.

- As required by NYSDEC, the existing excavation spoil piles located adjacent to the structures cannot be reused on Site and will require off-Site disposal at a facility permitted to accept the waste material (presumably Chaffee Landfill). Roux will collect representative samples from the spoil piles for waste characterization in accordance with the requirements of the disposal facility.
- The areas of disturbance / areas to be remediated are expected to be less than 1 acre of land and therefore would not require a SWPPP.
- From Excavation Work Plan (EWP) Appendix B, Section 4.0:

Cover Materials

- The demarcation layer material will be reestablished.
- In accordance with Section 4.1 of the EWP, Cover Materials require 12-inched of NYSDEC approved cover material (i.e., vegetated soil).

Backfill from Off-Site Sources

- ROUX will collect and test samples from a known, suitable soil source planned for use as backfill to remediate the cover systems in accordance with Section 4.2 of the EWP. The material will be tested to demonstrate that it meets the criteria shown on Table B-1 Criteria for Imported Soils and in accordance with Appendix 5 of DER-10 (including PFAS). The criteria presented in Table B-1 represent the lesser of the Commercial Soil Cleanup Objectives (SCOs) or levels protective of groundwater quality as published in 6NYCRR Part 375-6.7(d)(c) and 375-6.8.
- A Request to Import/Reuse Fill or Soil form will be prepared by ROUX and submitted to the NYSDEC project manager allowing a minimum of 5 business days for review for approval to use on Site.

Community Air Monitoring

- Organic vapor monitoring will be completed during remedial repairs in accordance with Section 5.3.1 of the EWP.
 - Respirable (PM-10) particulate monitoring will be performed on a continuous basis at the upwind and downwind perimeter of the exclusion zone in accordance with Section 5.3.3 of the EWP.
 - Particulate monitoring will be performed along the downwind perimeter of the Site during subgrade excavation, grading, and handling activities in accordance with the requirements for community air monitoring at remediation sites as established by the NYSDOH and NYSDEC and in accordance with Section 5.5 of the EWP.
- After repairs to the cover system have been completed, the area will be seeded and mulched with a seed mix sufficient to establish vegetative growth in the remediated areas.

As ROUX is the Qualified Environmental Professional / Engineer of Record for this brownfield site, and due to their availability of equipment and materials needed for remediation, it is National Grid's opinion that ROUX is appropriately suited to complete remediation of the cover system in accordance with the Site specific SMP. The remedial work completed by ROUX will be included/referenced in their subsequent annual periodic review report for the Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I).

We trust this cover system remedial plan meets your current needs.

Please feel free to contact me with any questions or concerns.

Respectfully,

Daniel

Daniel J. Troy, P.E., LEED AP
Senior Project Manager

GZA | 300 Pearl Street, Suite 700 | Buffalo, NY 14202

o: 716.844.7034 | c: 716.570.6673 | daniel.troy@gza.com | www.gza.com | [LinkedIn](#)

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From: Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>

Sent: Friday, November 22, 2024 12:48 PM

To: Daniel Troy <daniel.troy@gza.com>

Subject: [EXTERNAL] RE: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

Dan –

Thank you for sending over both excavation notifications for II-9 & II-10. Seeing that they are essentially the same text, I'll provide my comments for both in this email. Please see below:

- Bagged topsoil still needs to be tested for contaminants
- All soils will also need to be tested for PFAS per NYSDEC's PFAS Guidance document
- Please include a schedule for completing the cover repairs

Please revise the excavation notifications per the comments above and then I can send over an approval. Feel free to reach out with any questions.

Sincerely,

Megan Kuczka

she/her/hers

Environmental Program Specialist 1, Division of Environmental Remediation

New York State Department of Environmental Conservation

700 Delaware Avenue, Buffalo, NY 14209

P: (716) 851-7220 | F: (716) 851-7226 | Megan.Kuczka@dec.ny.gov

www.dec.ny.gov |  |  | 



Department of
Environmental
Conservation

From: Daniel Troy <daniel.troy@gza.com>

Sent: Friday, November 22, 2024 11:59 AM

To: Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>

Subject: Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I) Cover system repairs

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hello Megan,

I apologize for the lateness of this response for the above-mentioned repairs. Apparently, National Grid had to figure out how best to handle this situation but its looking like they have just about finalized their internal details for their contractor, Power and Construction Group (PCG) to cover the cost of the repairs.

That said, and as previously requested, I am sending you the following plan on behalf of National Grid that addresses the activities required to repair the recently breached cover system around one of National Grid's structure foundations within the Brownfield Site identified as Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I). This Site is managed under a site-specific Site Management Plan (SMP) titled "Appendix H-9 – Site Management Plan", dated December 2020 and prepared for the site owner, Time Release Properties.

BACKGROUND

National Grid's Transmission Line Maintenance (TLM) contractor, Power and Construction Group (P&CG), recently performed required foundation maintenance repairs at a National Grid structure in associated with the overhead 115kV electrical lines within the subject site. Excavation work at structure 73 resulted in the cover system being breached with the excavation made through the designated demarcation layer and into the underlying waste material. The excavation was made via hand digging and the generated spoil (both clean cover soil and underlying waste material) were comingled and staged on top of the grass covered area adjacent to the excavation. NYSDEC was contacted by the site owner's representative after the improperly completed excavation was made; and National Grid was directed to repair the cover soil in accordance with the Site-specific Site Management Plan (SMP).

Section 2.2 of the SMP states, "In the event these cover systems are breached, penetrated, or temporarily removed, the cover system shall be repaired in accordance with Section 2.2 of the Control Property SMP and Section 4.0 of the Excavation Work Plan (SMP Appendix B)". Based on this requirement, the plan to remediate the penetrated cover system is summarized below.

At National Grid's direction, P&CG will contract directly with ROUX (formerly Benchmark and the SMP engineer of record/qualified environmental professional) to complete the necessary site remediation/repairs at the structure locations.

- As required by NYSDEC, the existing excavation spoil piles located adjacent to the structure cannot be reused on Site and will require off-Site disposal at a facility permitted to accept the waste material (presumably Chaffee Landfill). Roux will collect representative samples from the spoil piles for waste characterization in accordance with the requirements of the disposal facility.
- The areas of disturbance / areas to be remediated are expected to be less than 1 acre of land and therefore would not require a SWPPP.
- From Excavation Work Plan (EWP) Appendix B, Section 4.0:

Cover Materials

- The demarcation layer material will be reestablished.
- In accordance with Section 4.1 of the EWP, Cover Materials require 12-inches of NYSDEC approved cover material (i.e., vegetated soil).

Backfill from Off-Site Sources

- ROUX will collect and test samples from a known, suitable soil source planned for use as backfill to remediate the cover systems or use an approved commercially purchased bagged topsoil in accordance with Section 4.2 of the EWP. If required, the material will be tested to demonstrate that it meets the criteria shown on Table B-1 Criteria for Imported Soils and in accordance with Appendix 5 of DER-10. The criteria presented in Table B-1 represent the lesser of the Commercial Soil Cleanup Objectives (SCOs) or levels protective of groundwater quality as published in 6NYCRR Part 375-6.7(d)(c) and 375-6.8.
- A Request to Import/Reuse Fill or Soil form will be prepared by ROUX and submitted to the NYSDEC project manager allowing a minimum of 5 business days for review for approval to use on Site.

Community Air Monitoring

- Organic vapor monitoring will be completed during remedial repairs in accordance with Section 5.3.1 of the EWP.
 - Respirable (PM-10) particulate monitoring will be performed on a continuous basis at the upwind and downwind perimeter of the exclusion zone in accordance with Section 5.3.3 of the EWP.
 - Particulate monitoring will be performed along the downwind perimeter of the Site during subgrade excavation, grading, and handling activities in accordance with the requirements for community air monitoring at remediation sites as established by the NYSDOH and NYSDEC and in accordance with Section 5.5 of the EWP.
- After repairs to the cover system have been completed, the area will be seeded and mulched with a seed mix sufficient to establish vegetative growth in the remediated areas.

As ROUX is the Qualified Environmental Professional / Engineer of Record for this brownfield site, and due to their availability of equipment and materials needed for remediation, it is National Grid's opinion that ROUX is appropriately suited to complete remediation of the cover system in accordance with the Site specific SMP. The remedial work completed by ROUX will be included/referenced in their subsequent annual periodic review report for the Site II-9 Tecumseh Phase II Business Park (Site ID: C915198I).

We trust this cover system remedial plan meets your current needs.

Please feel free to contact me with any questions or concerns.

Respectfully,

Daniel

Daniel J. Troy, P.E., LEED AP
Senior Project Manager

GZA | 300 Pearl Street, Suite 700 | Buffalo, NY 14202

o: 716.844.7034 | c: 716.570.6673 | daniel.troy@gza.com | www.gza.com | [LinkedIn](#)

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Roux Associates, Inc.
 2558 Hamburg Turnpike, Suite 300
 Buffalo, NY 14218
 Main: 716-856-0599
 Fax: 716-856-0583
 www.rouxinc.com



No. 351 Date: 5/29/25
 Customer: Power + Construction Group (TMP Site)
 Job: 4987.000 1 P000-02-04
 Truck # Loader Driver Mark

LOAD LOCATION <u>1951 Hamburg Turnpike</u> <u>Rising Topsoil Stockpile</u>	Job Start <u>1:00 p.m.</u>
DUMP LOCATION <u>TMP Site</u>	Job Finish <u>2:00 p.m.</u>
MATERIAL <u>DEC Certified Clean</u>	Travel Time _____
REMARKS <u>Topsoil</u>	☐ Lunch ☐ No Lunch
	Total _____

LD #	TICKET #	WEIGHT	WAIT-TIME		PLANT
			JOB IN - OUT		
1		6 yds.	—	—	
2			—	—	
3			—	—	
4			—	—	
5			—	—	
6			—	—	
7			—	—	
8			—	—	
9			—	—	
10			—	—	
11			—	—	
12			—	—	
13			—	—	
14			—	—	
15			—	—	

Customer Signature: _____

OUR RESPONSIBILITY ENDS AT THE CURB

White = ROUX

Yellow = Job

Pink = Trucker

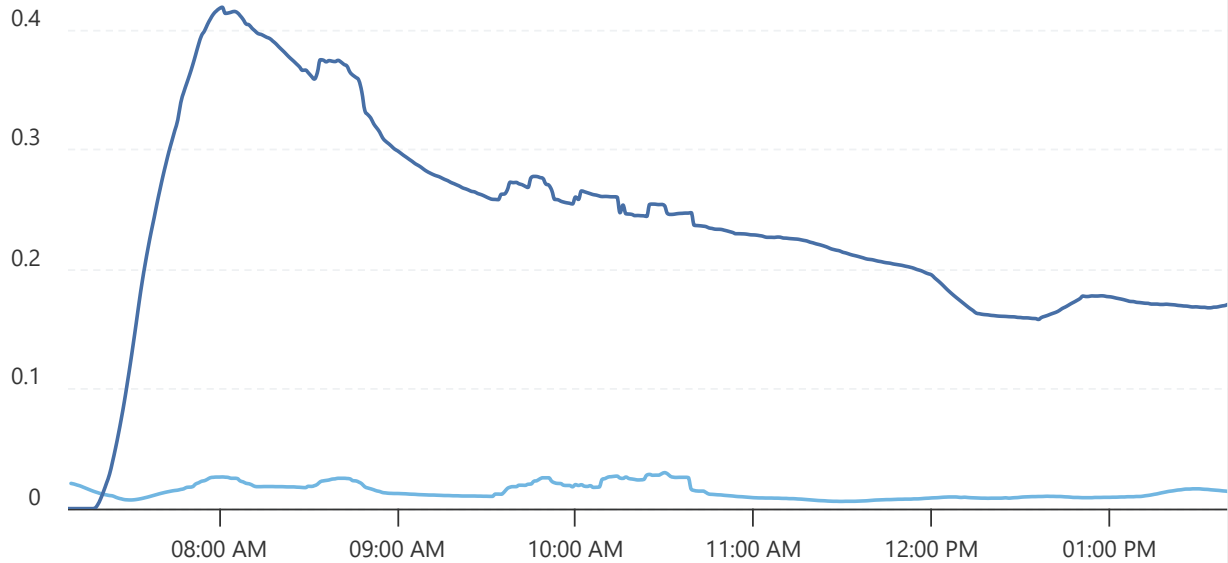
Periodic Review Report (2024-2025)
TMP Sites II-9 and II-10, Lackawanna, NY

APPENDIX E

CAMP Monitoring Data

○ CAMP #7 (NEW)
2B561898

05/29/2025 07:00 - 05/29/2025 18:00
(GMT-05:00) Eastern Time (US & Canada)



— Avg(Mass Conc. Total, mg/m³, 15m)

MIN 0.006 AVG 0.014 MAX 0.03

— Avg(VOC, ppm, 15m)

MIN 0 AVG 0.228 MAX 0.418