Sterling Environmental Engineering, P.C.

NORTHEAST TREATERS OF NEW YORK, LLC
GREENE COUNTY, NEW YORK

Periodic Review Report
(September 1, 2021 – September 1, 2022)

NYSDEC Site Number: C420029

Prepared for:
Athens Real Estate, LLC
796 Schoharie Turnpike
Athens, New York 12015

Prepared by:
Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

September 6, 2022

Revised:
September 23, 2022

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NORTHEAST TREATERS OF NEW YORK, LLC
GREENE COUNTY, NEW YORK

PERIODIC REVIEW REPORT
(September 1, 2021 – September 1, 2022)

NYSDEC SITE #C420029

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CERTIFICATION

For each institutional or engineering control identified for the Site, I, Andrew M. Millspaugh, P.E., certify that all of the following statements are true:

a) The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
b) The institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by DER;
c) Nothing has occurred that would impair the ability of such control to protect public health and the environment;
d) Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
e) Access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control;
f) Use of the Site is compliant with the environmental easement;
g) The engineering control systems are performing as designed and are effective;
h) 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,
i) The information presented in this report is accurate and complete.

Andrew M. Millspaugh, P.E.

09/23/2022

Date

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EXECUTIVE SUMMARY

The Site is located at 796 Schoharie Turnpike in the Town of Athens, Greene County, New York (see Figure 1) and is identified as a portion of Athens Tax Map Parcel 104.00-4-44. The Site is an approximate 4.0-acre area bounded by the facility stormwater basin to the north, a commercial garage to the south, undeveloped lands to the east, and a lumber storage yard to the west (see Figure 2).

The Site consists of a wood treatment process building and a lumber storage area. The Site is zoned Industrial and is currently utilized for industrial wood treatment and storage. The immediate vicinity of the Site primarily includes industrial, commercial, rural residential, and agricultural properties.

The Site has been investigated and remediated under the New York State Department of Environmental Conservation's (NYSDEC) Brownfield Cleanup Program (BCP) and is identified as BCP Site No. C420029. Remedial activities were completed in 2016 in accordance with the October 2, 2015 Remedial Work Plan and the December 7, 2015 Remedial Work Plan Addendum to address sediment and soil impacted with heavy metals arsenic and chromium. The selected remedy included excavation of impacted soil and sediment and consolidation onsite beneath a protective cover.

A Certificate of Completion (COC) issued by the NYSDEC on November 14, 2016 and a Site Management Plan (SMP) dated July 15, 2016 are in place for the Site. This Periodic Review Report (PRR) presents results of monitoring activities outlined in the SMP for the September 1, 2021 to September 1, 2022 reporting period, which includes a Site-wide inspection and post-remediation media sampling conducted July 26, 2022.

The remedial program implemented at the Site has been successful in meeting the Remedial Action Objectives set forth in the NYSDEC Decision Document. The Site-wide inspection confirmed the protective cover remains intact and functional. Post-remediation media sampling of sediment confirmed offsite migration of Site impacts is not occurring. No areas of non-compliance with the SMP were identified. The requirements for discontinuing Site management have not been met at this time.

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1.0 INTRODUCTION

Sterling Environmental Engineering, P.C. (STERLING) prepared this Periodic Review Report (PRR) on behalf of Athens Real Estate, LLC (hereinafter the "facility owner") for Brownfield Cleanup Program (BCP) Site No. C420029 (hereinafter the "Site"). The Site is located at 796 Schoharie Turnpike in the Town of Athens, Greene County, New York (see Figure 1). The Site is an approximate 4.0-acre area, identified as a portion of Athens Tax Map Parcel 104.00-4-44, bounded by the facility stormwater basin to the north, a commercial garage to the south, undeveloped lands to the east, and a lumber storage yard to the west (see Figure 2). The Site has been investigated and remediated under the New York State Department of Environmental Conservation's (NYSDEC) BCP. Remedial activities were completed in 2016 in accordance with the October 2, 2015 Remedial Work Plan and the December 7, 2015 Remedial Work Plan Addendum. A Certificate of Completion (COC) was issued by the NYSDEC on November 14, 2016.

A Site Management Plan (SMP) dated July 15, 2016 is in place for the Site. This PRR presents results of monitoring activities outlined in the SMP for the September 1, 2021 to September 1, 2022 reporting period, which includes a Site-wide inspection and post-remediation media sampling conducted July 26, 2022.

1.1 Summary of Site Contamination

The Site consists of a wood treatment process building and a lumber storage area. The Site is zoned Industrial and is currently utilized for industrial wood treatment and storage by the facility owner. The immediate vicinity of the Site primarily includes industrial, commercial, rural residential, and agricultural properties. The Site began operation as a pressure treating wood manufacturing facility in 1979. For a period of time, the facility utilized chromated copper arsenate (CCA) to pressure treat wood products. In 2003, the facility switched to Micronized Copper Azole, a non-hazardous preservative.

The nature and extent of contamination at the Site are documented in the August 3, 2015 Remedial Investigation Report. Heavy metals chromium and arsenic were detected during the Remedial Investigation in surficial soils within the boundaries of the Site and in the settling basin located beyond the boundaries of the Site at the westernmost portion of the property (hereafter "western settling basin").

Soil and Sediment

Several soil and sediment samples collected at the Site, in offsite facility catch basins, and the facility's western settling basin reported parameter concentrations that exceed Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (UUSCO) for chromium and arsenic.

Site-Related Groundwater

Groundwater analytical data determined that perched water and bedrock groundwater were not impacted by Site contaminants of concern.

Site-Related Soil Vapor Intrusion

Based upon the documented Site history, previous investigations, and analytical results obtained during the RI, no risk of soil vapor intrusion is associated with the Site because no volatile organic compounds (VOC) were detected in onsite soils. Furthermore, the Site does not have a documented history of storing or using chlorinated VOCs.

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1.2 Remedial Elements

The physical elements of the selected remedy are as follows:

- Cover System – A Site protective cover to allow for commercial use of the Site. The cover consists of a combination of structures comprising the Site development (i.e., new Process Building and pavement) or one (1) foot of soil cover over a geotextile demarcation layer. The one (1) foot of soil cover meets the requirements of 6 NYCRR Part 375-6.7(d).

- Limited Excavation – Excavation of impacted soil/sediment in the vicinity of the facility's basin exit swale, located downgradient of the facility's western settling basin. Excavated soil was consolidated onsite under the cover system.

- Removal of all Sediment from Impacted Catch Basins – Removal of impacted stormwater sediment from facility catch basins located hydraulically downgradient from the Site. Sediment removed from impacted catch basins was consolidated onsite under the cover system.

- Offsite Settling Basin Closure Plan – In accordance with the NYSDEC Decision Document, a Closure Plan for the western settling basin was prepared and will be implemented when the facility permanently ceases use of the basin. The Closure Plan is included in the SMP.

1.3 Remedial Action Objectives

The Remedial Action Objectives (RAO) for the Site as listed in the Decision Document dated December 31, 2015 are as follows:

<u>Soil</u>

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that could result in groundwater or surface water impacts.
- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

<u>Sediment</u>

RAOs for Public Health Protection

- Prevent direct contact with contaminated sediments.

RAOs for Environmental Protection

- Restore sediments to pre-release/background conditions to the extent feasible.

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2.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

This section provides an evaluation of the extent to which the implemented remedy meets the remedial objective to minimize or eliminate exposure pathways or significant risks to the public or the environment under the conditions of the contemplated use of the Site (i.e., Restricted Commercial and Industrial).

2.1 Performance

The potential migration of and exposure to remaining impacted media are prevented by the Site protective cover. The annual sediment sample results from the July 26, 2022 monitoring event of the western settling basin exit swale met the applicable Standards, Criteria, and Guidance (SCG) at all locations except for the upstream location (MP-U) for arsenic. The detected concentrations are within the known range of arsenic reported in the Remedial Investigation Report and Final Engineering Report at the completion of excavation activities in the western settling basin exit swale. The consistent concentrations at the downstream sampling location MP-D and the sampling location at the property line (MP-1) suggest offsite migration of impacted sediment from the settling basin is not occurring.

2.2 Effectiveness

The selected remedy is an effective short-term and long-term remedial measure. The selected remedy immediately eliminated the potential for human and environmental exposure to impacted Site media. Sediment sampling at the western settling basin exit swale monitors the effectiveness of the remedy and for impacts from residual contaminants. Post-remediation media sampling is an accepted method of monitoring the long-term effectiveness of remediation. There are no known risks to workers, the community, or the environment from the selected remedy. No areas of non-compliance with the SMP were identified.

2.3 Protectiveness

Results of the July 26, 2022 monitoring and sampling indicate the area of contamination remains localized to the Site beneath the protective cover. The potential migration of and exposure to remaining onsite impacted media are prevented by the Site protective cover. Offsite migration from the western settling basin is not occurring, as documented by exit swale sediment samples. Detected concentrations of arsenic exceeding applicable SCGs are within the known range of arsenic reported in the Remedial Investigation Report and Final Engineering Report at the completion of excavation activities within the western settling basin exit swale. Therefore, the implemented remedy achieves the Site RAOs.

3.0 IC/EC COMPLIANCE REPORT

3.1 Institutional Controls

The Institutional Control (IC) for the Site consists of an Environmental Easement (EE) that includes land use restrictions, an SMP, and certification reporting. The EE prohibits the use of the property for any means other than the contemplated Restricted Commercial and Industrial Use. The EE requires compliance with the SMP, including the periodic reporting covered by this report. The EE for the property that outlines the use restrictions was filed in Greene County on September 20, 2016 (Receipt No. 20160020459). The property was sold to the current facility owner on June 30, 2022 and transfer of the EE was filed in Greene County on July 28, 2022 (Receipt No. 20220173371).

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3.2 Engineering Controls

Exposure to remaining impacted media is prevented by the Site protective cover. The type of cover varies across the Site and comprises a demarcation geotextile fabric covered by an asphalt pavement profile, concrete structural components, or a minimum of one (1) foot soil cover. The Excavation Work Plan (EWP) provided in the SMP outlines required procedures if the cover system is breached, penetrated, or temporarily removed exposing the underlying impacted media. Procedures for the inspection and maintenance of this cover system are provided in the Monitoring Plan included in the SMP.

3.3 Corrective Measures

The Site ICs/ECs are fully in place and effective. Therefore, no corrective measures are proposed at this time.

3.4 IC/EC Certification

The NYSDEC IC/EC Certification Form is provided as Appendix A.

4.0 MONITORING PLAN COMPLIANCE REPORT

4.1 Components of the Monitoring Plan

Components of the monitoring plan are summarized below.

Monitoring Plan Components	
Inspections:	Frequency
1. Cover Inspection	Annually
Monitoring:	
1. Sediment Sampling at Drainage Swale Downgradient of SPDES Outfall #001* for total chromium and arsenic	Annually
Maintenance:	
1. Cover Maintenance	As needed
2. Swale Maintenance	As needed
Reporting:	
1. Periodic Review Report	Annually

*SPDES Outfall #001 is monitored pursuant to Multi-Sector General Permit (MSGP) No. NYR00B991 independent of the SMP.

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4.1.1 Site-Wide Inspection

The Site protective cover was visually inspected for potholes and cracks wider than 1/4 inch. Soil cover was visually inspected for signs of erosion and areas of bare soil. The condition of the building slab at the wood treatment process building was visually inspected for cracks and penetrations.

Maintenance of the Site protective cover will be conducted by the property owner as needed based on inspection observations. As documented in the inspection form and photograph log (Appendix B), minor damage was observed to the asphalt cover surrounding a bollard. This area was repaired after the 2021 site inspection; however, the patch is deteriorating and requires repair.

4.1.2 Post-Remediation Media Monitoring and Sampling

Sediment samples were collected from the following outflow locations of the western settling basin as shown on Figure 3:

Post Remediation Sediment Sampling Requirements and Schedule

Sediment Sampling Locations	Analytical Parameters	Schedule
MP-U MP-M MP-D MP-1	TAL Metals – USEPA Method 6010D (Total Arsenic and Total Chromium Only)	Annually

Sampling of sediment that accumulates in the western settling basin exit swale were performed to assess the quality of the sediment following completion of the remedial actions. Modification to the sampling frequency or sampling requirements may only be modified with the approval of the NYSDEC.

The sediment sample locations were designed based on existing and anticipated drainage of the Site. The four (4) sediment samples are located along the western settling basin exit swale at upstream, mid-stream, and downstream sections of the swale and along the downstream property boundary as shown in Figure 3. Surface sediment samples were collected at each location between grade surface and approximately two (2) inches below grade. Samples were analyzed for total arsenic and total chromium via USEPA Method 6010D.

In the event that average concentrations of arsenic and/or chromium (and/or individual hot spot areas) are detected in the western settling basin exit swale above restricted commercial-use CUSCOs, the facility owner will prepare a Response Plan to address impacted sediment to be submitted to, and approved by, the NYSDEC. In addition, the SMP provides that an Investigation Work Plan will be prepared at the time the facility ceases use of the western settling basin to delineate the extent of lateral and vertical impact to soil and sediment located hydraulically downgradient of the basin.

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4.2 Summary of Monitoring Data

4.2.1 Results of Site-Wide Inspection

A comprehensive Site-wide inspection was conducted on July 26, 2022 in accordance with the SMP. The Site-Wide Inspection Form and photographs are provided as Appendix B.

As documented in the inspection form and photograph log (Appendix B), minor damage was observed to the asphalt cover surrounding a bollard. This area was repaired after the 2021 site inspection; however, the patch is deteriorating and requires repair.

4.2.2 Results of Post-Remediation Media Monitoring and Sampling

Post-remediation media monitoring and sampling were conducted on July 26, 2022 in accordance with the SMP. Sediment sample locations are provided in Figure 3, and the corresponding laboratory analytical report is provided in Appendix C.

Field sampling locations were located using a Trimble global positioning system (GPS) to ensure sampling occurred at the locations specified in the SMP. At the time of sampling, the water level within the channel was approximately one (1) foot deep. Samples were collected directly along the swale channel centerline.

A summary of post-remediation media sampling results is provided on the following table.

Summary of Post-Remediation Sediment Sampling Results

	Arsenic, Total (mg/kg) CUSCO = 16 UUSCO = 13					**Chromium, Total (mg/kg) CUSCO = 1,500 UUSCO = 30**				
DATE	**MP-U**	**MP-M**	**MP-D**	**MP-1**	**AVG**	**MP-U**	**MP-M**	**MP-D**	**MP-1**	**AVG**
8/13/2018	13.0	14.4	9.15	NS	12.18	23.5	34.8	20.1	NS	26.13
8/19/2019	14.5	12.7	**19.5**	NS	15.57	22.7	21.0	51.9	NS	31.87
8/25/2020	9.26	7.85	**20.3**	NS	12.47	17.5	18.6	31.3	NS	22.47
8/5/2021	7.3	9.33	**22.2**	NS	12.94	19.5	20.2	47.7	NS	29.13
9/1/2021	NS	NS	**27.4**	**17.6**	**22.5**	NS	NS	NS	NS	NS
7/26/2022	**18.5**	13.2	12.4	13.3	14.35	26.9	20.9	18.8	18.0	21.15

Notes:
CUSCO: NYSDEC Restricted Commercial Use Soil Cleanup Objectives per 6 NYCRR Part 375-6.8.
UUSCO: NYSDEC Unrestricted Use Soil Cleanup Objectives per 6 NYCRR Part 375-6.8.
NS: Not Sampled
BOLD: Concentration exceeds CUSCO

Detections of total chromium were compared to trivalent chromium SCOs because previous Site sampling indicated that chromium speciation is predominantly trivalent. Concentrations of chromium are orders of magnitude below the CUSCO.

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Concentrations of arsenic in the MP-1, MP-D and MP-M samples from western settling basin exit swale are below CUSCO. The concentration of arsenic in the MP-U sample exceeded the CUSCO for the annual monitoring event. The detected concentrations are within the known range of arsenic reported in the Remedial Investigation Report and Final Engineering Report at the completion of excavation activities in the western settling basin exit swale. Furthermore, the consistent arsenic concentration at sampling location MP-D suggests migration of arsenic-impacted sediment from the settling basin is not occurring.

5.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

5.1 Compliance with SMP

All requirements of the SMP (i.e., site inspection, monitoring, and IC/EC certification) have been complied with for the reporting period.

5.2 Performance and Effectiveness of the Remedy

The results of the Site-wide inspection and post-remediation media monitoring and sampling suggest that Site engineering controls are effectively achieving RAOs.

5.3 Future PRR Submittals

The submittal frequency of future PRRs will remain on an annual basis.

5.4 Recommendations

No changes to the PRR reporting frequency are recommended. The requirements for discontinuing site management have not been met.

6.0 IC AND EC CERTIFICATION FORM

The NYSDEC Institutional and Engineering Control Certification Form for the Site is presented in Appendix A.

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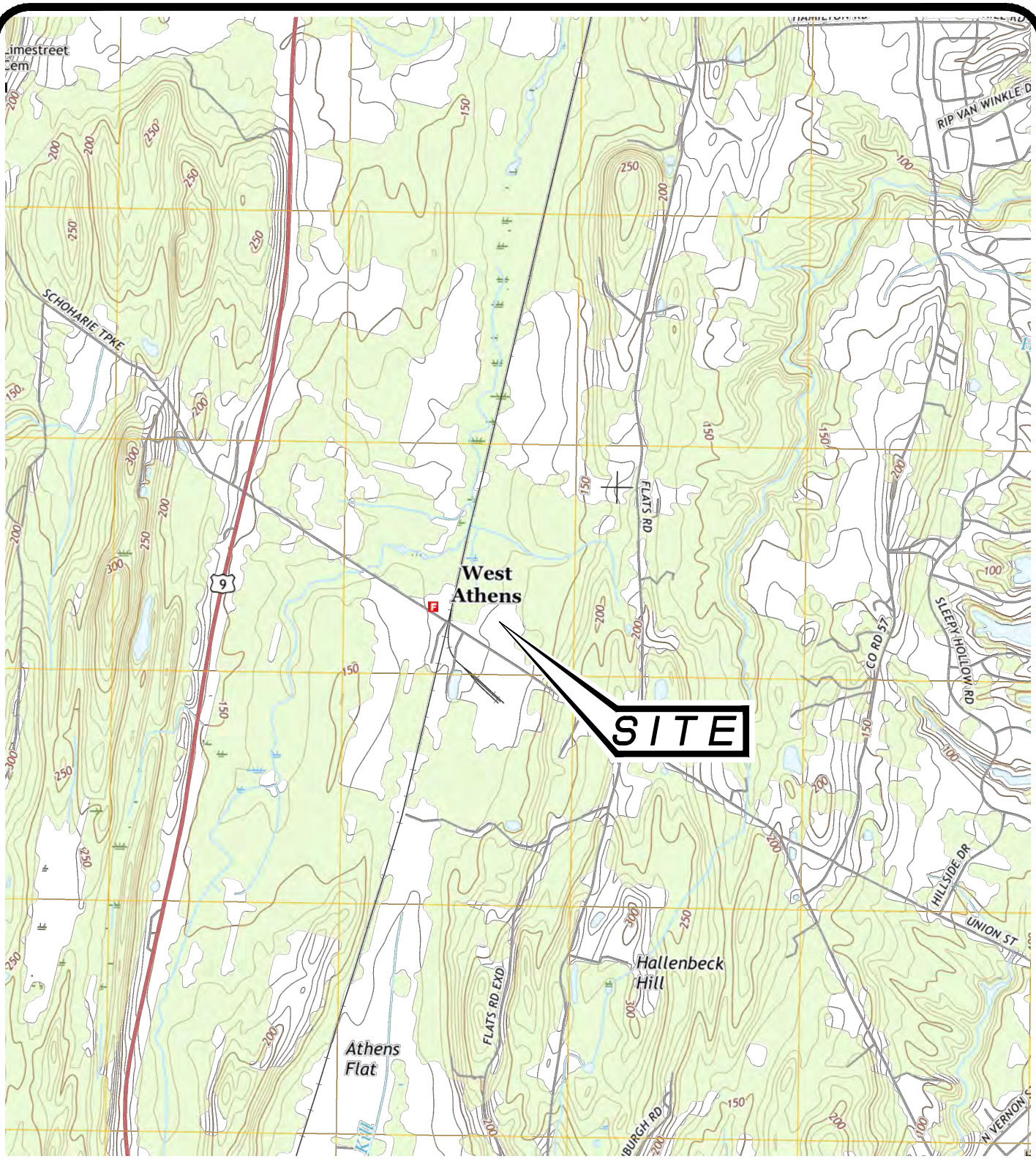
FIGURES



MAP REFERENCE: USGS HUDSON NORTH, NY 7.5 MINUTE QUADRANGLE, 2016

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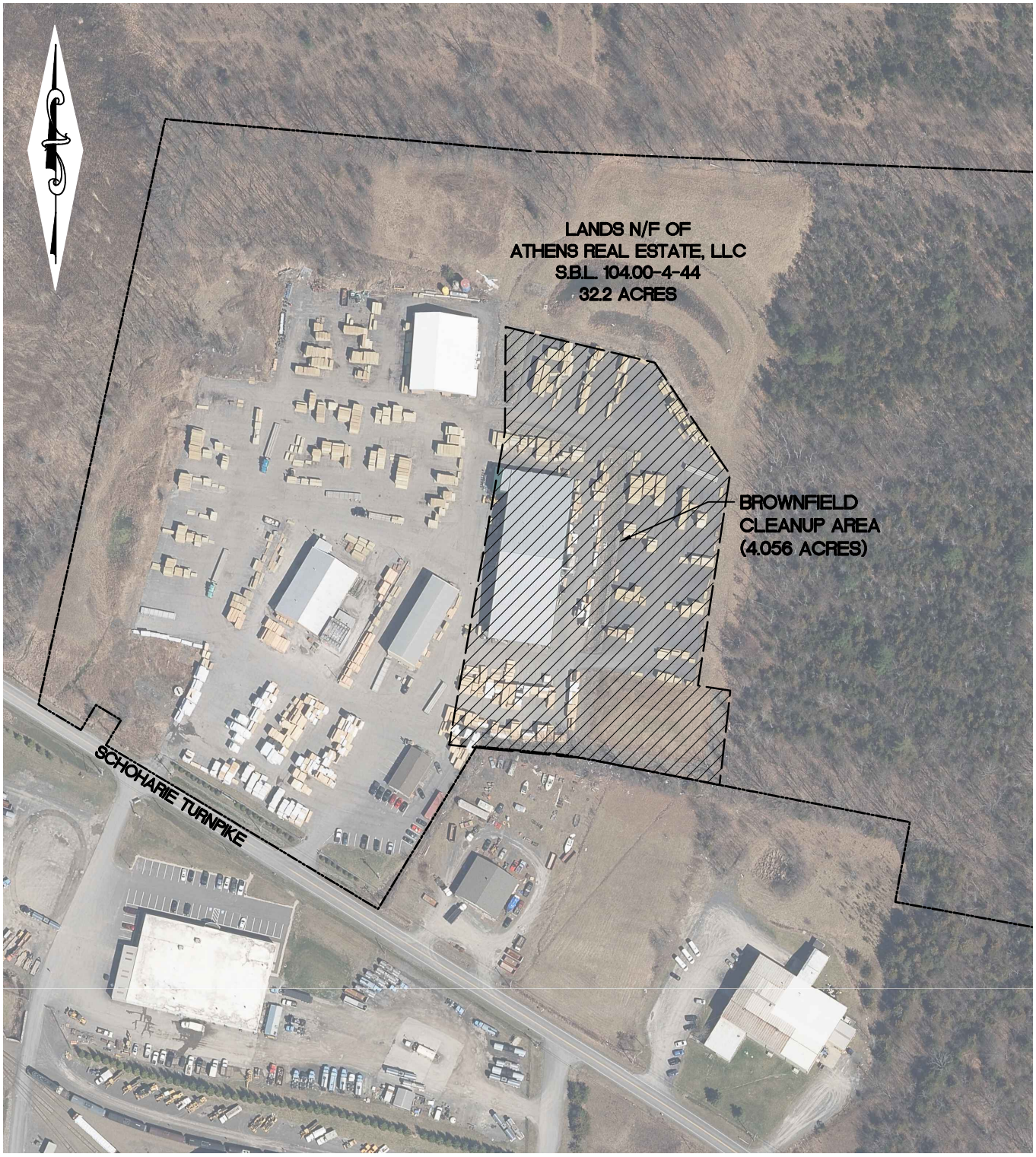
SITE LOCATION MAP

ATHENS REAL ESTATE, LLC

SCHOHARIE TURNPIKE

TOWN OF ATHENS GREENE CO., NEW YORK

PROJ. No.: 2014-08	DATE: 09/02/2022	SCALE: 1" = 2,000'	DWG. NO. 2014-08107	FIGURE 1



LEGEND:

APPROXIMATE PROPERTY BOUNDARY

0 100 200 400

1 inch = 200 ft.

MAP REFERENCE: DISCOVER GIS DATA NY ORTHOIMAGERY, 2021.

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SUBJECT PROPERTY AND SITE MAP

ATHENS REAL ESTATE, LLC

SCHOHARIE TURNPIKE

TOWN OF ATHENS GREENE CO., N.Y.

PROJ. No.: 2014-08	DATE: 09/02/2022	SCALE: 1" = 200'	DWG. NO. 2014-08047	FIGURE 2

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LEGEND:

APPROXIMATE PROPERTY BOUNDARY

APPROXIMATE SAMPLE LOCATIONS

MAP REFERENCE: DISCOVER GIS DATA NY ORTHOIMAGERY, 2021.

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POST–REMEDIATION MEDIA SAMPLING
SEDIMENT SAMPLE LOCATION MAP

ATHENS REAL ESTATE, LLC

SCHOHARIE TURNPIKE

TOWN OF ATHENS GREENE CO., N.Y.

PROJ. No.: 2014–08	DATE: 09/02/2022	SCALE: 1" = 30'	DWG. NO. 2014–08113	FIGURE 3

S:\Sterling\Projects\2014 Projects\Northeast Treaters of New York – Athens NY – 2014–08\Drawings–Maps–Figures\ACAD\2014–08113 – 2022 Sediment Sample Locations.dwg PAUL.SCHOLAR
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APPENDIX A

NYSDEC INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM

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

Site Details **Box 1**

Site No. C420029

Site Name Northeast Treaters of New York, LLC

Site Address: 796 Schoharie Turnpike Zip Code: 12015
City/Town: Athens
County: Greene
Site Acreage: 4.056

Reporting Period: September 01, 2021 to September 01, 2022

	YES	NO
1. Is the information above correct?	☐	X
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?	X	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
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?	☐	X

Box 2

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

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.

	YES	NO
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. C420029 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
104.00-4-44	~~Northeast Treaters of New York, LLC~~ Athens Real Estate, LLC	Soil Management Plan Site Management Plan Landuse Restriction

Imposition of an institutional control in the form of an environmental easement for the controlled property which will require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3); allow the use and development of the controlled property for commercial use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; require compliance with the Department approved Site Management Plan.

Note controlled property includes the entire BCP site as well as "off-site" areas of the greater Northeast Treaters facility which have been impacted by site-related contamination, including the settling basin and the basin exit swale.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
104.00-4-44	Cover System

Cover System: A site cover will be required to allow for commercial use of the site. The cover will consist either of the structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum of one foot of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d).

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

YES	NO
X	☐

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
X	☐

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. C420029

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 James Fitzgerald (print name) at 796 Schoharie Turnpike, Athens, NY 12015 (print business address),

am certifying as OWNER (Owner or Remedial Party)

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

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date: 9/6/22

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 Andrew Millspaugh, P.E. at 24 Wade Road, Latham, NY 12110,
print name 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

09/06/2022
Date

Stamp (Required for PE)

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

APPENDIX B

SITE-WIDE INSPECTION FORM AND PHOTOGRAPHS

ATHENS REAL ESTATE, LLC.
796 SCHOHARIE TURNPIKE, ATHENS, NY
SITE #C420029

SITE-WIDE INSPECTION FORM

Date: 7/26/2022

Inspected By: Paul Scholar

Weather Conditions: 79F, partly cloudy

Site Property Item	Condition		Remarks
	Acceptable	Not Acceptable	
1. Compliance with SMP/Environmental Easements	☑	☐	
2. Condition of Protective Cover a. Asphalt	☑	☐	**a.** Asphalt patch around damaged bollard requires repair. See photo log.
b. Soil	☑	☐	**b.**
c. Concrete	☑	☐	**c.**
3. General Site Conditions at Time of Inspection	☑	☐	
4. Site Records Up-To-Date	☑	☐	
5. Additional Comments/Notes: Small section of asphalt requires patching due to washout of bollard repair work. See photo log.			

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ATHENS REAL ESTATE, LLC.
796 SCHOHARIE TURNPIKE, ATHENS, NY
SITE #C420029

SAMPLING SUMMARY

Date: 7/26/2022

Sampled By: Paul Scholar

Weather Conditions: 79F, partly cloudy

Sample ID	Collection Date & Time	Analysis	Physical Description of Materials (ie. Soil type, texture, moisture, color, odor,etc)	Comments
MP-1	7/26/22 10:00	Total Metals As, Cr	Brown sediment, silts and organic material, wet, earthy odor	DUP07262022 collected at MP-1
MP-D	7/26/22 10:10	Total Metals As, Cr	Brown sediment, silts and organic material, wet, earthy odor	None
MP-M	7/26/22 10:20	Total Metals As, Cr	Brown sediment, silts and organic material, wet, earthy odor	None
MP-U	7/26/22 10:30	Total Metals As, Cr	Brown sediment, silts and organic material, wet, earthy odor	None

Overall Conditions:
Sampling area was in acceptable condition

Additional Comments:
None

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STERLING
Sterling Environmental Engineering, P.C.

DAILY PHOTOGRAPH LOG

Project: BCP #C420029, Athens, NY. Sterling Project #2014-08

Photo By: Paul Scholar

Photo No.	Date	Time
1	7/26/2022	11:15

Direction Looking: Southwest

Comments:
Southwestern portion of protective asphalt cover and southern abatement berm soil cover in acceptable condition

Photo No.	Date	Time
2	7/26/2022	11:14

Direction Looking: West

Comments:
Overview of southwestern portion of protective asphalt cover in acceptable condition

DAILY PHOTOGRAPH LOG

STERLING
Sterling Environmental Engineering, P.C.

Project:	BCP #C420029, Athens, NY. Sterling Project #2014-08
Photo By:	Paul Scholar

Photo No.	Date	Time
3	7/26/2022	11:16

Direction Looking: Northwest

Comments:
Overview of central portion of protective asphalt cover in acceptable condition

Photo No.	Date	Time
4	7/26/2022	11:17

Direction Looking: North

Comments:
Overview of eastern portion of protective asphalt cover in acceptable condition

STERLING
Sterling Environmental Engineering, P.C.

DAILY PHOTOGRAPH LOG

Project: BCP #C420029, Athens, NY. Sterling Project #2014-08

Photo By: Paul Scholar

Photo No.	Date	Time
5	7/26/2022	11:13

Direction Looking: Northeast

Comments:
Southern abatement berm and perimeter drainage with soil cover in acceptable condition

Photo No.	Date	Time
6	7/26/2022	11:13

Direction Looking: East

Comments:
Southern abatement berm with soil cover in acceptable condition

DAILY PHOTOGRAPH LOG

STERLING
Sterling Environmental Engineering, P.C.

Project:	BCP #C420029, Athens, NY. Sterling Project #2014-08
Photo By:	Paul Scholar

Photo No.	Date	Time
7	7/26/2022	11:19

Direction Looking: North

Comments:
Eastern portion of protective asphalt cover in acceptable condition

Photo No.	Date	Time
8	7/26/2022	11:27

Direction Looking: North

Comments:
Northern portion of protective asphalt cover in acceptable condition

DAILY PHOTOGRAPH LOG

STERLING
Sterling Environmental Engineering, P.C.

Project:	BCP #C420029, Athens, NY. Sterling Project #2014-08
Photo By:	Paul Scholar

Photo No.	Date	Time
9	7/26/2022	11:21

Direction Looking: Northwest

Comments:
Northwestern portion of protective asphalt cover in acceptable condition

Photo No.	Date	Time
10	7/26/2022	11:21

Direction Looking: South

Comments:
Grade transition area between treatment process building and storage area in acceptable condition

DAILY PHOTOGRAPH LOG

Project:	BCP #C420029, Athens, NY. Sterling Project #2014-08
Photo By:	Paul Scholar

Photo No.	Date	Time
11	7/26/2022	11:22

Direction Looking: Northwest

Comments:
Northwestern portion of protective asphalt cover in acceptable condition

Photo No.	Date	Time
12	7/26/2022	11:37

Direction Looking: North

Comments:
Northern grade transition area in acceptable condition

STERLING
Sterling Environmental Engineering, P.C.

DAILY PHOTOGRAPH LOG

Project:	BCP #C420029, Athens, NY. Sterling Project #2014-08
Photo By:	Paul Scholar

Photo No.	**Date**	**Time**
13	7/26/2022	11:38

Direction Looking: East

Comments:
Central portion of protective asphalt cover in acceptable condition directly north of the treatment process building

Photo No.	**Date**	**Time**
14	7/26/2022	11:40

Direction Looking: South

Comments:
Southern portion of protective asphalt cover in acceptable condition directly east of the treatment process building
Small pot holes observed in asphalt alonge building.

DAILY PHOTOGRAPH LOG

Project:	BCP #C420029, Athens, NY. Sterling Project #2014-08
Photo By:	Paul Scholar

Photo No.	Date	Time
15	7/26/2022	11:56

Direction Looking: West

Comments:
Southern portion of protective asphalt cover in acceptable condition.

Photo No.	Date	Time
16	7/26/2022	11:31

Direction Looking: North

Comments:
Grade transition area between treatment process building and storage area in acceptable condition

DAILY PHOTOGRAPH LOG

STERLING
Sterling Environmental Engineering, P.C.

Project:	BCP #C420029, Athens, NY. Sterling Project #2014-08
Photo By:	Paul Scholar

Photo No.	**Date**	**Time**
17	7/26/2022	11:50

Direction Looking: Northwest

Comments:
View of bollard repair with patched asphalt. Minor washout of asphalt patch observed that should be repaired.

Photo No.	**Date**	**Time**
18	7/26/2022	11:44

Direction Looking: East

Comments:
Southwest perimeter of process building

DAILY PHOTOGRAPH LOG

Project:	BCP #C420029, Athens, NY. Sterling Project #2014-08
Photo By:	Paul Scholar

Photo No.	Date	Time
19	7/26/2022	11:47

Direction Looking: North

Comments:
representative concrete cover in acceptable condition within treatment process building

Photo No.	Date	Time
20	7/26/2022	11:48

Direction Looking: East

Comments:
representative concrete cover in acceptable condition within treatment process building

APPENDIX C

POST-REMEDIATION MEDIA SAMPLING ANALYTICAL RESULTS

ANALYTICAL REPORT

Lab Number:	L2239843
Client:	Sterling Environmental Engineering 24 Wade Road Latham, NY 12110
ATTN:	Andrew Millspaugh
Phone:	(518) 456-4900
Project Name:	NORTHEAST TREATERS
Project Number:	2014-08
Report Date:	08/08/22

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: NORTHEAST TREATERS
Project Number: 2014-08

Lab Number: L2239843
Report Date: 08/08/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2239843-01	MP-1	SOIL	ATHENS, NY	07/26/22 10:00	07/26/22
L2239843-02	MP-D	SOIL	ATHENS, NY	07/26/22 10:10	07/26/22
L2239843-03	MP-M	SOIL	ATHENS, NY	07/26/22 10:20	07/26/22
L2239843-04	MP-U	SOIL	ATHENS, NY	07/26/22 10:30	07/26/22
L2239843-05	DUP 07262022	SOIL	ATHENS, NY	07/26/22 00:00	07/26/22

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L2239843
Project Number:	2014-08	**Report Date:**	08/08/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L2239843
Project Number:	2014-08	**Report Date:**	08/08/22

Case Narrative (continued)

Report Submission

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

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: Steven Gniadek

Title: Technical Director/Representative Date: 08/08/22

METALS

Project Name: NORTHEAST TREATERS
Lab Number: L2239843
Project Number: 2014-08
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-01
Client ID: MP-1
Sample Location: ATHENS, NY
Date Collected: 07/26/22 10:00
Date Received: 07/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 21%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.3		mg/kg	1.80	0.375	1	08/02/22 08:00	08/03/22 09:46	EPA 3050B	1,6010D	NB
Chromium, Total	18.0		mg/kg	1.80	0.173	1	08/02/22 08:00	08/03/22 09:46	EPA 3050B	1,6010D	NB

Project Name: NORTHEAST TREATERS
Lab Number: L2239843
Project Number: 2014-08
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-02
Client ID: MP-D
Sample Location: ATHENS, NY
Date Collected: 07/26/22 10:10
Date Received: 07/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 24%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12.4		mg/kg	1.55	0.323	1	08/02/22 08:00	08/03/22 09:51	EPA 3050B	1,6010D	NB
Chromium, Total	18.8		mg/kg	1.55	0.149	1	08/02/22 08:00	08/03/22 09:51	EPA 3050B	1,6010D	NB

Project Name: NORTHEAST TREATERS
Lab Number: L2239843
Project Number: 2014-08
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-03
Client ID: MP-M
Sample Location: ATHENS, NY
Date Collected: 07/26/22 10:20
Date Received: 07/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 26%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.2		mg/kg	1.51	0.314	1	08/02/22 09:40	08/03/22 16:04	EPA 3050B	1,6010D	NB
Chromium, Total	20.9		mg/kg	1.51	0.145	1	08/02/22 09:40	08/03/22 16:04	EPA 3050B	1,6010D	NB

Project Name: NORTHEAST TREATERS
Lab Number: L2239843
Project Number: 2014-08
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-04
Client ID: MP-U
Sample Location: ATHENS, NY
Date Collected: 07/26/22 10:30
Date Received: 07/26/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 33%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	18.5		mg/kg	1.16	0.241	1	08/02/22 09:40	08/03/22 16:09	EPA 3050B	1,6010D	NB
Chromium, Total	26.9		mg/kg	1.16	0.111	1	08/02/22 09:40	08/03/22 16:09	EPA 3050B	1,6010D	NB

Project Name: NORTHEAST TREATERS **Lab Number:** L2239843

Project Number: 2014-08 **Report Date:** 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-05 Date Collected: 07/26/22 00:00

Client ID: DUP 07262022 Date Received: 07/26/22

Sample Location: ATHENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 23%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	13.9		mg/kg	1.75	0.364	1	08/02/22 09:40	08/03/22 16:13	EPA 3050B	1,6010D	NB
Chromium, Total	19.5		mg/kg	1.75	0.168	1	08/02/22 09:40	08/03/22 16:13	EPA 3050B	1,6010D	NB

Project Name: NORTHEAST TREATERS **Lab Number:** L2239843

Project Number: 2014-08 **Report Date:** 08/08/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-05 Batch: WG1669103-1										
Arsenic, Total	0.088	J	mg/kg	0.400	0.083	1	08/02/22 09:40	08/03/22 14:12	1,6010D	NB
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/02/22 09:40	08/03/22 14:12	1,6010D	NB

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): 01-02 Batch: WG1669729-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/02/22 08:00	08/03/22 09:37	1,6010D	NB
Chromium, Total	ND		mg/kg	0.400	0.038	1	08/02/22 08:00	08/03/22 09:37	1,6010D	NB

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-08

Lab Number: L2239843

Report Date: 08/08/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-05 Batch: WG1669103-2 SRM Lot Number: D113-540								
Arsenic, Total	94		-		70-130	-		
Chromium, Total	88		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1669729-2 SRM Lot Number: D113-540								
Arsenic, Total	98		-		70-130	-		
Chromium, Total	95		-		70-130	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: NORTHEAST TREATERS
Project Number: 2014-08

Lab Number: L2239843
Report Date: 08/08/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-05 QC Batch ID: WG1669103-3 QC Sample: L2238717-43 Client ID: MS Sample												
Arsenic, Total	2.03	12.4	12.4	84		-	-		75-125	-		20
Chromium, Total	887	20.7	744	**0**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1669729-3 WG1669729-4 QC Sample: L2240498-03 Client ID: MS Sample												
Arsenic, Total	10.9	10.8	20.4	88		16.6	**54**	Q	75-125	**21**	Q	20
Chromium, Total	28.3	17.9	39.7	**64**	Q	34.3	**34**	Q	75-125	15		20

Project Name: NORTHEAST TREATERS
Project Number: 2014-08

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2239843
Report Date: 08/08/22

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1669729-6 QC Sample: L2240498-03 Client ID: DUP Sample						
Chromium, Total	28.3	32.3	mg/kg	14		20

INORGANICS
&
MISCELLANEOUS

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L2239843
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-01
Client ID: MP-1
Sample Location: ATHENS, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/26/22 10:00
Date Received: 07/26/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	20.8		%	0.100	NA	1	-	07/27/22 12:06	121,2540G	RI

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L2239843
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-02
Client ID: MP-D
Sample Location: ATHENS, NY
Sample Depth:
Matrix: Soil

Date Collected: 07/26/22 10:10
Date Received: 07/26/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	24.2		%	0.100	NA	1	-	07/27/22 12:06	121,2540G	RI

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L2239843
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-03
Client ID: MP-M
Sample Location: ATHENS, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/26/22 10:20
Date Received: 07/26/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	25.6		%	0.100	NA	1	-	07/27/22 12:06	121,2540G	RI

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L2239843
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-04
Client ID: MP-U
Sample Location: ATHENS, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/26/22 10:30
Date Received: 07/26/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	33.4		%	0.100	NA	1	-	07/27/22 12:06	121,2540G	RI

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L2239843
Report Date: 08/08/22

SAMPLE RESULTS

Lab ID: L2239843-05
Client ID: DUP 07262022
Sample Location: ATHENS, NY
Sample Depth:
Matrix: Soil
Date Collected: 07/26/22 00:00
Date Received: 07/26/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	22.5		%	0.100	NA	1	-	07/27/22 12:06	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-08

Lab Number: L2239843

Report Date: 08/08/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1668005-1 QC Sample: L2239891-01 Client ID: DUP Sample						
Solids, Total	84.4	84.5	%	0		20

Project Name: NORTHEAST TREATERS
Project Number: 2014-08

Lab Number: L2239843
Report Date: 08/08/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2239843-01A	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		TS(7)
L2239843-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180)
L2239843-02A	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		TS(7)
L2239843-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180)
L2239843-03A	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		TS(7)
L2239843-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180)
L2239843-04A	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		TS(7)
L2239843-04B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180)
L2239843-05A	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		TS(7)
L2239843-05B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.5	Y	Absent		AS-TI(180),CR-TI(180)

*Values in parentheses indicate holding time in days

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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:	NORTHEAST TREATERS	**Lab Number:**	L2239843
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L2239843
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Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L2239843
Project Number:	2014-08	**Report Date:**	08/08/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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320 Forbes Blvd
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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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Date Rec'd in Lab: 7/27/22

ALPHA Job #: L2239843

Client Information
Client: Sterling Env
Address: 24 Wade rd
Latham NY 12110
Phone: (518) 456-4900
Fax:
Email: /

Project Information
Project Name: Northeast Treaters
Project Location: Athens, NY
Project #: 2014-06
(Use Project name as Project #) ☐
Project Manager: Andrew Millspaugh
ALPHAQuote #:

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

Deliverables
☑ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☑ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
andrew.millspaugh@sterlingenvironmental.com
paul.scholar@ " "

Please specify Metals or TAL. total Arsenic and Chromium

ANALYSIS
* total as, cr
total solids

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	*	total solids	Total Bottle
39843 01	MP-1	7/26	10:00	SED	PS	✓	✓	2
02	MP-D	7/26	10:10	SED	PS	✓	✓	2
03	MP-M	7/26	10:20	SED	PS	✓	✓	2
04	MP-U	7/26	10:30	SED	PS	✓	✓	2
05	DUP 07262022	7/26	—	SED	PS	✓	✓	2
					MB			

MB MB

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A	P										
Preservative	A	A										

Relinquished By:	Date/Time	Received By:	Date/Time
	7/26/22 12:55		7/26/22 12:55
	7/26 22 13:06		7/27/22 08:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)