Sterling Environmental Engineering, P.C.

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

Periodic Review Report
(September 1, 2018 – September 1, 2019)

NYSDEC Site Number: C420029

Prepared for:
Northeast Treaters of New York, LLC
796 Schoharie Turnpike
Athens, New York 10701

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

September 18, 2019

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

PERIODIC REVIEW REPORT
(September 1, 2018 – September 1, 2019)

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.

09/19/2019
Date

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 Northeast Treaters' facility stormwater basin to the north, a commercial garage to the south, undeveloped lands of Northeast Treaters to the east, and the Northeast Treaters 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 by Northeast Treaters. 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, 2018 to September 1, 2019 reporting period, which includes a Site-wide inspection and post-remediation media sampling conducted August 19, 2019.

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 off-site migration of Site impacts is not occurring. No areas of non-compliance with the SMP were identified.

Based on results of monitoring activities through September 2019, no changes to the approved SMP are recommended. The requirements for discontinuing Site management have not been met at this time.

1.0 INTRODUCTION

Sterling Environmental Engineering, P.C. (STERLING) prepared this Periodic Review Report (PRR) on behalf of Northeast Treaters of New York, LLC (Northeast Treaters) for Brownfield Cleanup Program (BCP) Site No. C420029 ("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 Northeast Treaters' facility stormwater basin to the north, a commercial garage to the south, undeveloped lands of Northeast Treaters to the east, and the Northeast Treaters 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, 2018 to September 1, 2019 reporting period, which includes a Site-wide inspection and post-remediation media sampling conducted August 19, 2019.

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 Northeast Treaters. 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 Northeast Treaters 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 Soil Cleanup Objectives (SCO) 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.

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.

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. Concentrations of chromium and arsenic detected in sediment samples obtained on August 19, 2019 at the western settling basin exit swale meet the applicable Standards, Criteria, and Guidance (SCG).

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 August 19, 2019 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. 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).

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 SITE CHANGE OF USE

In January 2019, a new outfeed deck was constructed on the north end of the existing wood treating facility requiring notification for a Site Change of Use due to disturbance of the protective cover system. The outfeed deck and associated canopy are aboveground structures supported on concrete piers, some of which penetrated the existing protective cover system installed as part of the BCP for which the Certificate of Completion was issued on November 14, 2016. The construction of the outfeed deck occurred in accordance with the Change of Use Notification submitted on December 20, 2018 and subsequently acknowledged by the NYSDEC on December 21, 2018. The Outfeed Deck Pier Installation Summary Report and 60-Day Advance Notification of Site Change of Use form is provided in Appendix B.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 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.

5.1.1 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.

5.1.2 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	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 three (3) sediment samples are located along the western settling basin exit swale at upstream, mid-stream, and downstream sections of the swale 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 SCOs, the facility owner will prepare a Response Plan to address impacted sediment to be submitted to, and approved by, the NYSDEC.

5.2 Summary of Monitoring Data

5.2.1 Results of Site-Wide Inspection

A comprehensive Site-wide inspection was conducted on August 19, 2019 in accordance with the SMP. The Site-Wide Inspection Form and photographs are provided as Appendix C.

The Site-wide inspection determined the asphalt pavement, concrete structural components, and soil cover are in good condition.

One damaged bollard was observed along the western edge of the treatment process building during the Site-wide inspection. The bollard had been impacted by an onsite vehicle, creating a localized area of

damaged asphalt in the protective cover. Northeast Treaters staff were made aware of the damage to schedule and repair the bollard and asphalt. The extent of damage to the protective cover does not jeopardize the function of the protective cap and is not considered to present a risk to onsite workers or the environment.

5.2.2 Results of Post-Remediation Media Monitoring and Sampling

Post-remediation media monitoring and sampling were conducted on August 19, 2019 in accordance with the SMP. Sediment sample locations are provided in Figure 3, and the corresponding laboratory analytical report is provided in Appendix D.

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 Media Sampling Results

	Arsenic, Total (mg/kg) CU-SCO = 16 UU-SCO = 13			**Chromium, Total (mg/kg) CU-SCO = 1,500 UU-SCO = 30**		
DATE	**MP-U**	**MP-M**	**MP-D**	**MP-U**	**MP-M**	**MP-D**
8/13/2018	13.0	14.4	9.15	23.5	34.8	20.1
8/19/2019	14.5	12.7	19.5	22.7	21.0	51.9

Notes:
CU-SCO: NYSDEC Restricted Commercial Use Soil Cleanup Objectives per 6 NYCRR Part 375-6.8.
UU-SCO: NYSDEC Unrestricted Use Soil Cleanup Objectives per 6 NYCRR Part 375-6.8.

Detections of total chromium were compared to trivalent chromium SCOs because previous Site sampling indicated that chromium speciation is predominantly trivalent.

Average concentrations of arsenic and chromium in the western settling basin exit swale are below restricted commercial use SCOs. An individual concentration of arsenic was detected slightly above restricted commercial use SCOs at location MP-D. These data are similar to December 7, 2015 post excavation sampling conducted following the installation of the drainage swale and documented in the July 15, 2016 Final Engineering Report. A summary of these data is as follows:

Summary of Post Excavation Sampling Results December 7, 2015		
	Arsenic, Total	Chromium, Total
	mg/kg	mg/kg
CU-SCO	16	1,500
UU-SCO	13	30
LOCATION		
B-1	13	22
B-2	12	17
B-3	11	17
B-4	19	26

Notes:
CU-SCO: NYSDEC Restricted Commercial Use Soil Cleanup Objectives per 6 NYCRR Part 375-6.8.
UU-SCO: NYSDEC Unrestricted Use Soil Cleanup Objectives per 6 NYCRR Part 375-6.8.

A comparison of the post-remediation sampling data and post excavation sample data indicate impacted sediment detected in the western settling basin during the Remedial Investigation are not migrating offsite and that Site engineering controls are effectively achieving RAOs.

6.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

6.1 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.

6.2 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.

6.3 Future PRR Submittals

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

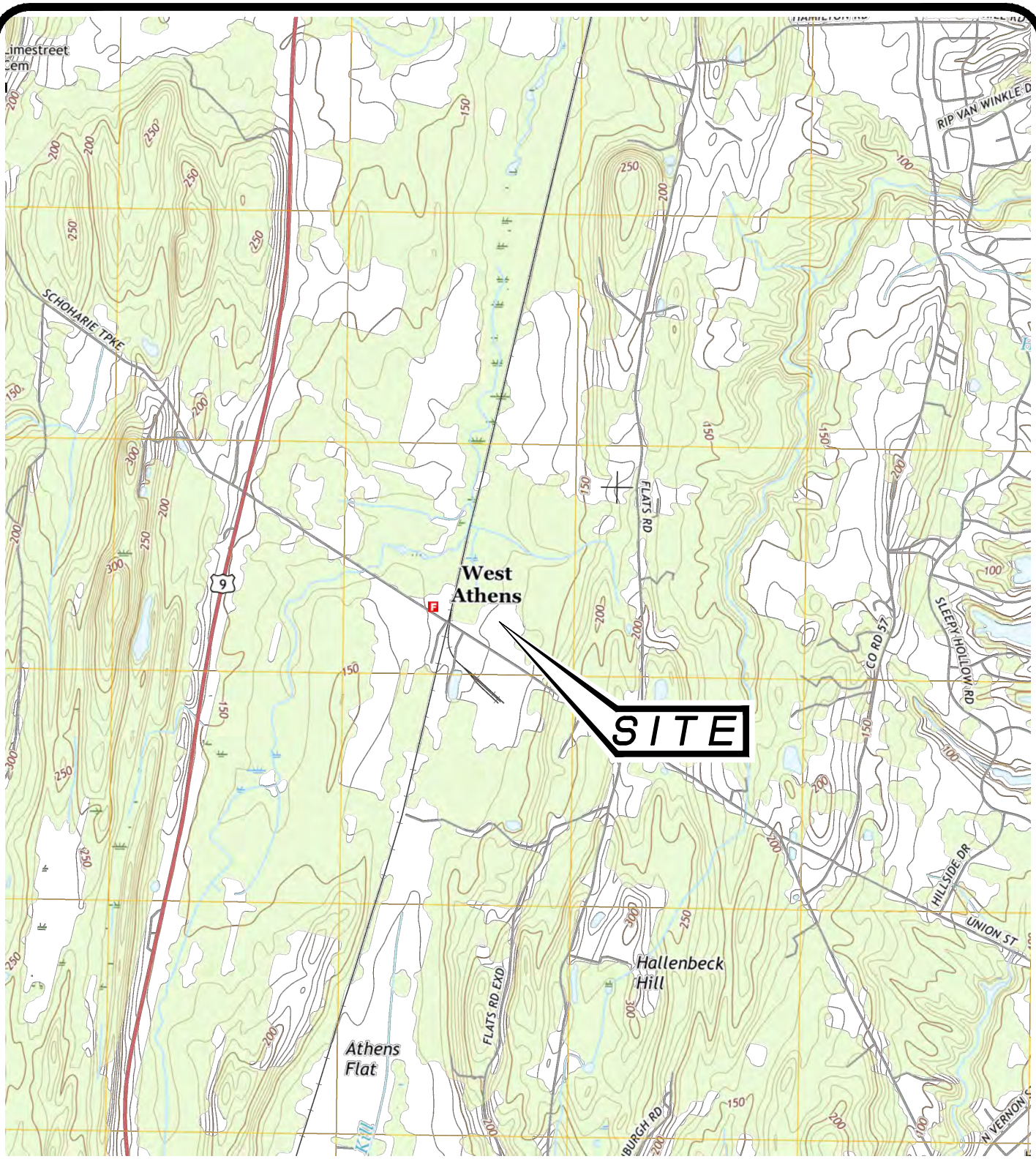
6.4 Recommendations

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

7.0 IC AND EC CERTIFICATION FORM

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

FIGURES



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

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24 Wade Road ♦ Latham, New York 12110

SITE LOCATION MAP

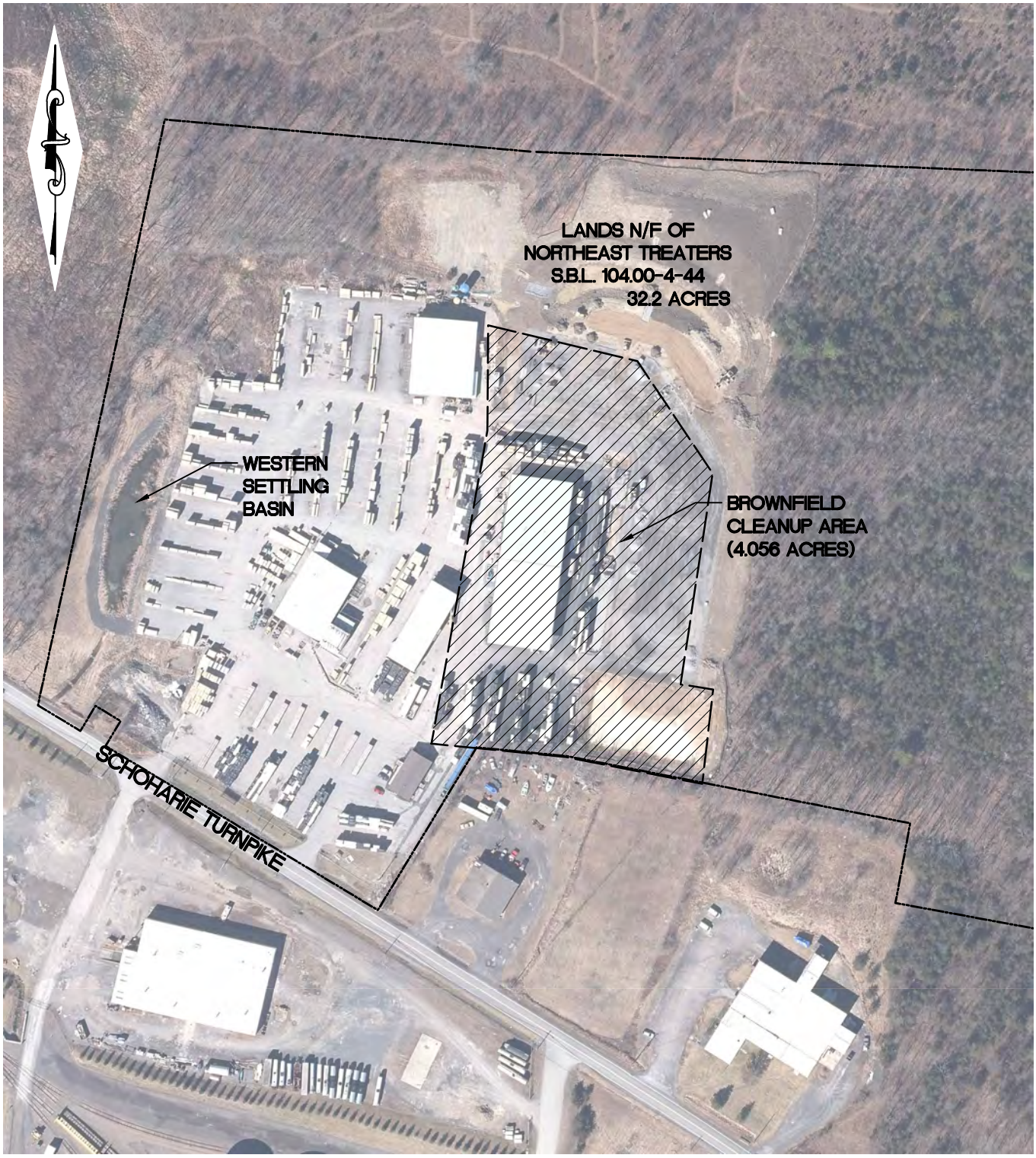
NORTHEAST TREATERS

SCHOHARIE TURNPIKE

TOWN OF ATHENS GREENE CO., NEW YORK

PROJ. No.: 2014-08	DATE: 09/06/2019	SCALE: 1" = 2,000'	DWG. NO. 2014-08107	FIGURE 1

S:\Drawings\2014-08 - Northeast Treaters of New York - Athens NY\2014-08107_F-1 - Site Location Map.dwg CAD 9/6/2019 3:06 PM



LEGEND:

APPROXIMATE PROPERTY BOUNDARY

0 100 200 400

1 inch = 200 ft.

MAP REFERENCE: DISCOVER GIS DATA NY ORTHOIMAGERY, 2016.

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SUBJECT PROPERTY AND SITE MAP
NORTHEAST TREATERS
SCHOHARIE TURNPIKE
TOWN OF ATHENS GREENE CO., N.Y.

PROJ. No.: 2014-08	DATE: 08/29/18	SCALE: 1" = 200'	DWG. NO. 2014-08047	FIGURE 2

S:\Drawings\2014-08 - Northeast Treaters of New York - Athens NY\2014-08047_SubjectPropMap (PRR).dwg MILLSPAUGHA 8/29/2018 2:19 PM

LEGEND:

APPROXIMATE PROPERTY BOUNDARY

APPROXIMATE SAMPLE LOCATIONS, AUGUST 19, 2019

MAP REFERENCE: DISCOVER GIS DATA NY ORTHOIMAGERY, 2016.

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POST–REMEDIATION MEDIA SAMPLING
SEDIMENT SAMPLE LOCATION MAP

NORTHEAST TREATERS

SCHOHARIE TURNPIKE

TOWN OF ATHENS GREENE CO., N.Y.

PROJ. No.: 2014–08	DATE: 08/19/2019	SCALE: 1" = 30'	DWG. NO. 2014–08109	FIGURE 3

S:\Drawings\2014-08 – Northeast Treaters of New York – Athens NY\2014-08109 – 2019 Sediment Sample Locations.dwg CAD 8/19/2019 5:08 PM

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, 2018 to September 01, 2019

	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))? See Sept. 2019 PRR Sect. 4.0 & App. B	✓	
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		✓
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?		✓

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☑
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☑	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C420029

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
104.00-4-44	Northeast Treaters of New York, 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 certification;

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

YES	NO
✓	

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

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

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

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

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

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

YES	NO
✓	

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 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 Robert Collette at 796 Schoharie Turnpike, Athens NY, 12015
print name print business address

am certifying as Northeast Treaters of NY, LLC (Owner or Remedial Party)

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

Robert Collette 9/6/19
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification Date

IC/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 M. Millspaugh, P.E. (print name) at 24 Wade Road, Latham, NY 12110 (print business address),

am certifying as a Qualified Environmental Professional for the Northeast Treaters of NY, LLC. (Owner or Remedial Party)

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

Stamp (Required for PE)

09/18/19
Date

APPENDIX B

OUTFEED DECK PIER INSTALLATION SUMMARY REPORT AND 60 DAY SITE CHANGE OF USE NOTIFICATION FORM

Sterling Environmental Engineering, P.C.

March 20, 2019

Mr. Josh Haugh
NYSDEC – Region 4
Division of Environmental Remediation
1130 N. Westcott Road
Schenectady, New York 12306

Subject: Outfeed Deck Pier Installation Summary Report
Northeast Treaters of New York, LLC Site (C420029)
796 Schoharie Turnpike
Town of Athens, Greene County
STERLING File #2014-08

Dear Mr. Haugh,

Sterling Environmental Engineering, P.C. (STERLING) was retained by Northeast Treaters of New York, LLC (NET) to provide services to comply with the change in use provisions of the Brownfield Cleanup Agreement. Services provided by STERLING included air monitoring, photographic documentation, waste characterization sampling, and excavation oversight to support construction of a new outfeed deck on a portion of the Brownfield Cleanup Area (BCA). Figure 1 shows the BCA and the area where the outfeed deck was constructed. The work was performed in accordance with the Change of Use Notification submitted on December 20, 2018 and subsequently acknowledged by the New York State Department of Environmental Conservation on December 21, 2018.

The new outfeed deck was erected on the north end of the existing wood treating facility to better handle and manage treated lumber. The outfeed deck is covered by a canopy that was installed as part of this improvement project. The outfeed deck and canopy are entirely aboveground structures; however, the structures are supported on concrete piers, some of which penetrated the existing protective cover system installed as part of the Brownfield Cleanup Program for which the Certificate of Completion was issued on November 14, 2016.

The majority of the outfeed deck piers are not located on the Brownfield site; however, the work and restoration at each pier location was performed in accordance with the Site Management Plan (SMP) and associated Excavation Work Plan (EWP). Ground intrusive work and restoration of the protective cover was observed, inspected, and documented by STERLING personnel.

Detailed Description of the Work

The outfeed deck and canopy required the installation of concrete piers for support. The holes for the piers were drilled by MC Environmental Services, Inc. (MCES) of Queensbury, New York between January 2 and January 4, 2019. Eckert Mechanical Services Corporation of Albany, New York was responsible for the layout of the concrete piers, and Sitcer Construction of West Coxsackie, New York was responsible for the pier construction. Photographs of the installation, soil removal, and completed feeder deck are presented in Attachment A.

The locations of the piers are shown on the attached Figure 1. A 2-foot square section of asphalt was saw cut to expose the underlying soil before drilling commenced. Seventeen (17), 18-inch diameter holes were drilled to a depth of approximately four (4) feet below ground surface using a post hole auger excavator

attachment. Neither groundwater nor bedrock were encountered to a depth of at least four (4) feet. The asphalt, concrete, and soil from each hole was transported to the designated stockpile location, northeast of the process building canopy. The soil was staged on, and covered with polyethylene sheeting prior to disposal.

Subsequent to the concrete pier installation, the protective cover was restored by filling each hole with concrete to form the supporting piers. The surface around each pier was restored by patching the asphalt with concrete so the concrete surface meets the side of the concrete pier. No other fill materials were imported for the project. The engineering control (protective cover) will continue to operate as designed.

Air monitoring was performed during the pier installations to evaluate potential dust generation and to implement potential corrective measures (dust suppression), if necessary. Two (2) particulate monitors were placed upwind and downwind of the work zone to monitor potential fugitive dust generation. Visible dust and particulate concentrations were observed above the Division of Environmental Remediation (DER-10) ambient air response levels (15-minute average). Average particulate concentrations above ambient air response levels ranged from 118.7 to 328.0 ug/m^3 for a duration of approximately 20 minutes during non-intrusive site work (i.e. concrete mixing). No corrective action was necessary, as the observed dust generation was not associated with intrusive site work.

Perimeter particulate levels remained below the 15-minute action level of 150 ug/ m^3 and the working-site particulate measurement of 100 ug/m^3 (above background level) specified in the Excavation Work Plan (Appendix G, CAMP) during all intrusive site work throughout the feeder deck installation. Instrument measurements are provided in Attachment B.

One (1) soil sample was collected for the purpose of waste characterization on January 4, 2019. The sample was submitted for analysis of volatile organic compounds (VOCs), semi-VOCs, and Target Analyte List metals using the Toxicity Characteristic Leaching Procedure (TCLP), and for polychlorinated biphenyls, gasoline-range organics, and diesel-range organics, as required by the Town of Colonie Landfill. The results of the soil analysis are provided in Attachment C.

A total of 11.92 tons of soil was transported by MCES to Colonie Landfill on March 14, 2019. Copies of the weight ticket and non-hazardous waste manifests are provided in Attachment D.

Please contact me if you have any questions or comments.

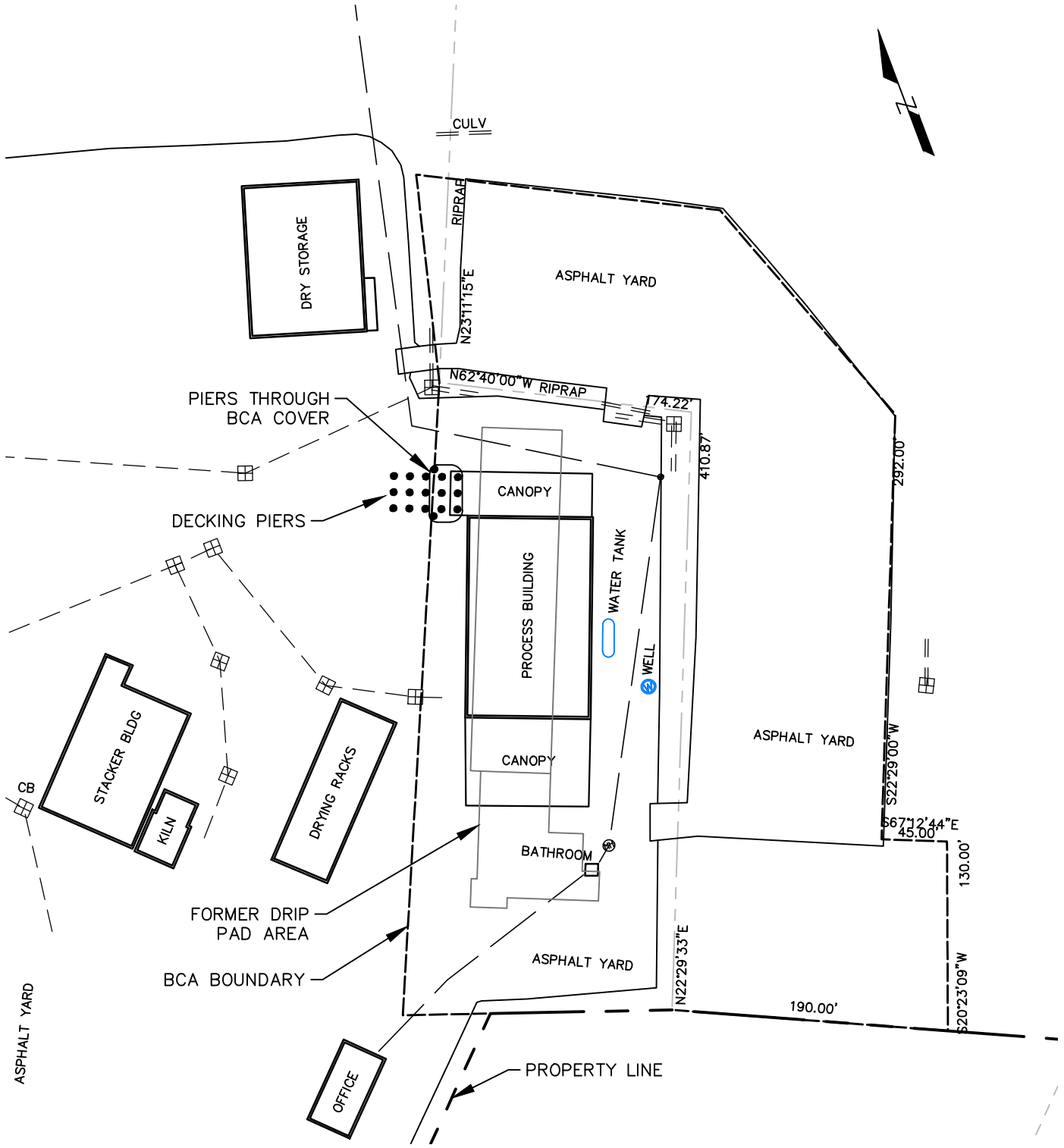
Best Regards,
STERLING ENVIRONMENTAL ENGINEERING, P.C.

Thomas M. Johnson, P.G.
Senior Hydrogeologist
Thomas.Johnson@sterlingenvironmental.com

TMJ/bc
Email/First Class Mail
Attachments

cc: Rob Collette, Northeast Treaters of New York, LLC

FIGURE 1



MAP REFERENCE: REMEDIAL CONSTRUCTION AS-BUILT PLAN SURVEY BY SANTO ASSOCIATES LAND SURVEYING AND ENGINEERING, P.C., JULY 8, 2016.

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road ♦ Latham, New York 12110

DECK EXPANSION
PIER LOCATION MAP
NORTHEAST TREATERS
SCHOHARIE TURNPIKE

TOWN OF ATHENS GREENE CO., NEW YORK

PROJ. No.:	DATE:	SCALE:	DWG. NO.	FIGURE
2014-08	03/20/2019	1" = 100'	2014-08050	1

S:\Drawings\2014-08 - Northeast Treaters of New York - Athens NY\2014-0850_F-1 - Deck Expansion Area.dwg CAD 3/20/2019 3:17 PM

ATTACHMENT A

Photograph #1 –Asphalt removal by MC Environmental Services (MCES).

Photograph #2 – Jackhammering and Removal of Asphalt by MCES.

Photograph #3 – Augering & Installation of Feeder Deck Piers by MCES.

Photograph #4 – Outfeed Deck Piers

Photograph #5 – Completed Outfeed Deck

Photograph #6 – Outfeed Deck Soil Disposal

ATTACHMENT B

>"Model Number"	"PDR-1500"	1.34
Serial no.	"0115249979"	
Tag Number	0	
Start Time	08:16:04	
Start Date	03-Jan-2019	
Log Period	00:01:00	
Number	452	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNITS	C	
RH CORRECT	"ENABLED "	
Max Disp	72.908974	
Max Disp @	09:39:29 03-Jan-2019	
Max STEL	18.381857	
Max STEL @	09:48:44 03-Jan-2019	
Avg point	7.600235	
ALARM	"DISABLED"	
ALARM_LEVEL(mg)	0	
Errors	0	
Inlet Type "TOTAL "		
FlowRate	1.2	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPress	Flags		
1	11.74	15.9	36	756	0	08:17:04	03-Jan-2019
2	12.58	15.8	32	756	0	08:18:04	03-Jan-2019
3	15.34	15.6	32	756	0	08:19:04	03-Jan-2019
4	14.66	15.3	32	756	0	08:20:04	03-Jan-2019
5	10.71	14.9	32	756	0	08:21:04	03-Jan-2019
6	9.47	14.5	33	756	0	08:22:04	03-Jan-2019
7	9.6	14.1	33	756	0	08:23:04	03-Jan-2019
8	16.65	13.6	34	756	0	08:24:04	03-Jan-2019
9	10.99	13.2	35	756	0	08:25:04	03-Jan-2019
10	7.31	12.7	35	756	0	08:26:04	03-Jan-2019
11	9.27	12.2	36	756	0	08:27:04	03-Jan-2019
12	8.22	11.7	37	756	0	08:28:04	03-Jan-2019
13	7.85	11.3	38	756	0	08:29:04	03-Jan-2019
14	7.69	10.8	39	756	0	08:30:04	03-Jan-2019
15	7.93	10.4	40	756	0	08:31:04	03-Jan-2019
16	12.53	10	41	756	0	08:32:04	03-Jan-2019
17	7.97	9.6	42	756	0	08:33:04	03-Jan-2019
18	9.69	9.3	42	756	0	08:34:04	03-Jan-2019
19	10.65	8.9	44	756	0	08:35:04	03-Jan-2019
20	12.37	8.5	44	756	0	08:36:04	03-Jan-2019
21	11.58	8.1	45	756	0	08:37:04	03-Jan-2019
22	14.03	7.8	46	756	0	08:38:04	03-Jan-2019
23	12.15	7.4	47	756	0	08:39:04	03-Jan-2019
24	12.2	7	48	756	0	08:40:04	03-Jan-2019
25	20.8	6.7	49	756	0	08:41:04	03-Jan-2019
26	13.83	6.4	50	756	0	08:42:04	03-Jan-2019
27	13.63	6	51	756	0	08:43:04	03-Jan-2019
28	14.63	5.7	51	756	0	08:44:04	03-Jan-2019
29	20.85	5.5	52	756	0	08:45:04	03-Jan-2019
30	14.77	5.2	53	756	0	08:46:04	03-Jan-2019
31	18.25	4.9	54	756	0	08:47:04	03-Jan-2019

32	18.23	4.7	54	756	0	08:48:04	03-Jan-2019
33	15.23	4.4	55	756	0	08:49:04	03-Jan-2019
34	15.66	4.2	56	756	0	08:50:04	03-Jan-2019
35	15.4	3.9	57	756	0	08:51:04	03-Jan-2019
36	14.51	3.7	58	756	0	08:52:04	03-Jan-2019
37	16.18	3.5	59	756	0	08:53:04	03-Jan-2019
38	15.63	3.3	59	756	0	08:54:04	03-Jan-2019
39	13.04	3.1	60	756	0	08:55:04	03-Jan-2019
40	13.67	2.9	60	756	0	08:56:04	03-Jan-2019
41	17.5	2.7	61	756	0	08:57:04	03-Jan-2019
42	12.38	2.5	62	756	0	08:58:04	03-Jan-2019
43	11.34	2.3	63	756	0	08:59:04	03-Jan-2019
44	8.91	2.2	63	756	0	09:00:04	03-Jan-2019
45	8.59	2	63	756	0	09:01:04	03-Jan-2019
46	8.75	1.8	64	756	0	09:02:04	03-Jan-2019
47	8.61	1.6	65	756	0	09:03:04	03-Jan-2019
48	9.85	1.4	66	756	0	09:04:04	03-Jan-2019
49	11.33	1.3	66	756	0	09:05:04	03-Jan-2019
50	10.83	1.1	67	756	0	09:06:04	03-Jan-2019
51	11.8	1	67	756	0	09:07:04	03-Jan-2019
52	11.78	0.8	68	756	0	09:08:04	03-Jan-2019
53	12.13	0.7	68	756	0	09:09:04	03-Jan-2019
54	12.17	0.6	69	756	0	09:10:04	03-Jan-2019
55	12.94	0.5	69	756	0	09:11:04	03-Jan-2019
56	12.33	0.3	69	758	0	09:12:04	03-Jan-2019
57	11.77	0.2	70	756	0	09:13:04	03-Jan-2019
58	11.5	0.1	70	756	0	09:14:04	03-Jan-2019
59	10.99	0	70	756	0	09:15:04	03-Jan-2019
60	11.34	0	71	758	0	09:16:04	03-Jan-2019
61	12.24	-0.1	71	758	0	09:17:04	03-Jan-2019
62	13.14	-0.2	72	756	0	09:18:04	03-Jan-2019
63	12.47	-0.3	72	756	0	09:19:04	03-Jan-2019
64	13.47	-0.4	73	756	0	09:20:04	03-Jan-2019
65	10.46	-0.4	73	758	0	09:21:04	03-Jan-2019
66	10.33	-0.5	73	756	0	09:22:04	03-Jan-2019
67	13.79	-0.6	73	756	0	09:23:04	03-Jan-2019
68	11.84	-0.7	74	756	0	09:24:04	03-Jan-2019
69	12.98	-0.7	74	758	0	09:25:04	03-Jan-2019
70	11.47	-0.8	74	758	0	09:26:04	03-Jan-2019
71	11.18	-0.8	74	756	0	09:27:04	03-Jan-2019
72	10.63	-0.9	76	756	0	09:28:04	03-Jan-2019
73	11.66	-1	78	756	0	09:29:04	03-Jan-2019
74	10.79	-1	79	758	0	09:30:04	03-Jan-2019
75	10.67	-1.1	79	758	0	09:31:04	03-Jan-2019
76	11.99	-1.2	80	758	0	09:32:04	03-Jan-2019
77	13.04	-1.2	81	756	0	09:33:04	03-Jan-2019
78	12.27	-1.3	82	758	0	09:34:04	03-Jan-2019
79	19.66	-1.3	82	756	0	09:35:04	03-Jan-2019
80	13.7	-1.3	81	756	0	09:36:04	03-Jan-2019
81	10.92	-1.4	83	758	0	09:37:04	03-Jan-2019
82	11.3	-1.4	82	756	0	09:38:04	03-Jan-2019
83	20.03	-1.4	83	758	0	09:39:04	03-Jan-2019
84	64.16	-1.5	83	758	0	09:40:04	03-Jan-2019
85	12.96	-1.5	83	758	0	09:41:04	03-Jan-2019
86	10.59	-1.5	84	756	0	09:42:04	03-Jan-2019

87	15.04	-1.5	84	756	0	09:43:04	03-Jan-2019
88	20.02	-1.5	84	756	0	09:44:04	03-Jan-2019
89	12.95	-1.5	84	758	0	09:45:04	03-Jan-2019
90	18.15	-1.6	84	758	0	09:46:04	03-Jan-2019
91	11.08	-1.5	84	758	0	09:47:04	03-Jan-2019
92	13.76	-1.6	85	756	0	09:48:04	03-Jan-2019
93	20.25	-1.5	85	756	0	09:49:04	03-Jan-2019
94	12.74	-1.5	85	758	0	09:50:04	03-Jan-2019
95	12.3	-1.5	85	756	0	09:51:04	03-Jan-2019
96	10.59	-1.5	85	756	0	09:52:04	03-Jan-2019
97	10.3	-1.5	84	758	0	09:53:04	03-Jan-2019
98	9.81	-1.5	84	758	0	09:54:04	03-Jan-2019
99	6.91	-1.5	83	758	0	09:55:04	03-Jan-2019
100	7.09	-1.5	80	758	0	09:56:04	03-Jan-2019
101	6.9	-1.5	80	758	0	09:57:04	03-Jan-2019
102	10.17	-1.5	80	758	0	09:58:04	03-Jan-2019
103	11.02	-1.4	81	758	0	09:59:04	03-Jan-2019
104	8.79	-1.4	80	758	0	10:00:04	03-Jan-2019
105	7.49	-1.4	79	758	0	10:01:04	03-Jan-2019
106	7.28	-1.4	79	758	0	10:02:04	03-Jan-2019
107	5.57	-1.4	79	758	0	10:03:04	03-Jan-2019
108	5.25	-1.3	78	758	0	10:04:04	03-Jan-2019
109	10.72	-1.3	77	758	0	10:05:04	03-Jan-2019
110	4.52	-1.3	76	758	0	10:06:04	03-Jan-2019
111	6.32	-1.3	76	758	0	10:07:04	03-Jan-2019
112	7.29	-1.2	76	758	0	10:08:04	03-Jan-2019
113	3.44	-1.2	74	758	0	10:09:04	03-Jan-2019
114	13.59	-1.2	71	758	0	10:10:04	03-Jan-2019
115	34.37	-1.2	71	758	0	10:11:04	03-Jan-2019
116	3.64	-1.1	71	758	0	10:12:04	03-Jan-2019
117	3.65	-1.1	70	758	0	10:13:04	03-Jan-2019
118	4.85	-1.1	71	758	0	10:14:04	03-Jan-2019
119	3.72	-1	71	758	0	10:15:04	03-Jan-2019
120	3.47	-1	68	758	0	10:16:04	03-Jan-2019
121	6.81	-1	70	758	0	10:17:04	03-Jan-2019
122	2.73	-1	69	758	0	10:18:04	03-Jan-2019
123	2.83	-0.9	69	758	0	10:19:04	03-Jan-2019
124	2.58	-0.9	68	758	0	10:20:04	03-Jan-2019
125	2.74	-0.9	67	758	0	10:21:04	03-Jan-2019
126	2.72	-0.9	67	758	0	10:22:04	03-Jan-2019
127	3.27	-0.8	67	758	0	10:23:04	03-Jan-2019
128	14.05	-0.8	67	758	0	10:24:04	03-Jan-2019
129	18.4	-0.8	67	758	0	10:25:04	03-Jan-2019
130	11.75	-0.8	67	758	0	10:26:04	03-Jan-2019
131	13.58	-0.8	67	758	0	10:27:04	03-Jan-2019
132	9.2	-0.7	66	758	0	10:28:04	03-Jan-2019
133	16.12	-0.7	67	758	0	10:29:04	03-Jan-2019
134	14.89	-0.7	68	758	0	10:30:04	03-Jan-2019
135	5	-0.7	67	758	0	10:31:04	03-Jan-2019
136	4.13	-0.7	67	758	0	10:32:04	03-Jan-2019
137	3.27	-0.6	67	758	0	10:33:04	03-Jan-2019
138	2.85	-0.6	66	758	0	10:34:04	03-Jan-2019
139	5.1	-0.6	64	758	0	10:35:04	03-Jan-2019
140	4.24	-0.6	65	758	0	10:36:04	03-Jan-2019
141	3.23	-0.6	64	758	0	10:37:04	03-Jan-2019

142	3.99	-0.6	62	758	0	10:38:04	03-Jan-2019
143	4.36	-0.6	62	758	0	10:39:04	03-Jan-2019
144	5.37	-0.6	61	758	0	10:40:04	03-Jan-2019
145	10.61	-0.5	61	758	0	10:41:04	03-Jan-2019
146	4.25	-0.6	61	758	0	10:42:04	03-Jan-2019
147	7.24	-0.5	62	758	0	10:43:04	03-Jan-2019
148	6.78	-0.5	61	758	0	10:44:04	03-Jan-2019
149	3.89	-0.5	61	758	0	10:45:04	03-Jan-2019
150	3.93	-0.5	60	758	0	10:46:04	03-Jan-2019
151	6.09	-0.5	60	758	0	10:47:04	03-Jan-2019
152	4.55	-0.5	60	758	0	10:48:04	03-Jan-2019
153	9.91	-0.5	60	758	0	10:49:04	03-Jan-2019
154	8.59	-0.6	60	758	0	10:50:04	03-Jan-2019
155	3.94	-0.5	60	758	0	10:51:04	03-Jan-2019
156	3.45	-0.5	61	758	0	10:52:04	03-Jan-2019
157	2.5	-0.5	61	758	0	10:53:04	03-Jan-2019
158	3.15	-0.5	61	758	0	10:54:04	03-Jan-2019
159	6.75	-0.5	61	758	0	10:55:04	03-Jan-2019
160	3.03	-0.5	61	758	0	10:56:04	03-Jan-2019
161	2.84	-0.5	61	758	0	10:57:04	03-Jan-2019
162	2.57	-0.5	60	758	0	10:58:04	03-Jan-2019
163	2.73	-0.5	60	758	0	10:59:04	03-Jan-2019
164	4.06	-0.5	61	758	0	11:00:04	03-Jan-2019
165	3.56	-0.5	61	758	0	11:01:04	03-Jan-2019
166	2.86	-0.5	61	758	0	11:02:04	03-Jan-2019
167	2.73	-0.5	60	758	0	11:03:04	03-Jan-2019
168	2.85	-0.5	60	758	0	11:04:04	03-Jan-2019
169	2.81	-0.4	59	758	0	11:05:04	03-Jan-2019
170	3.32	-0.4	59	758	0	11:06:04	03-Jan-2019
171	3.14	-0.4	59	758	0	11:07:04	03-Jan-2019
172	4.67	-0.4	59	758	0	11:08:04	03-Jan-2019
173	5.16	-0.4	59	758	0	11:09:04	03-Jan-2019
174	3.53	-0.4	59	758	0	11:10:04	03-Jan-2019
175	4.07	-0.4	60	758	0	11:11:04	03-Jan-2019
176	4.28	-0.4	60	758	0	11:12:04	03-Jan-2019
177	4.65	-0.4	60	758	0	11:13:04	03-Jan-2019
178	3.49	-0.4	60	758	0	11:14:04	03-Jan-2019
179	3.39	-0.4	58	758	0	11:15:04	03-Jan-2019
180	3.33	-0.4	58	758	0	11:16:04	03-Jan-2019
181	4.55	-0.4	59	758	0	11:17:04	03-Jan-2019
182	3.99	-0.4	60	756	0	11:18:04	03-Jan-2019
183	4.06	-0.4	60	758	0	11:19:04	03-Jan-2019
184	4.86	-0.4	60	756	0	11:20:04	03-Jan-2019
185	4.81	-0.4	61	756	0	11:21:04	03-Jan-2019
186	3.72	-0.4	60	758	0	11:22:04	03-Jan-2019
187	3.77	-0.4	60	758	0	11:23:04	03-Jan-2019
188	3.92	-0.4	60	758	0	11:24:04	03-Jan-2019
189	4.24	-0.4	61	756	0	11:25:04	03-Jan-2019
190	3.59	-0.4	60	756	0	11:26:04	03-Jan-2019
191	3.97	-0.4	60	756	0	11:27:04	03-Jan-2019
192	4.09	-0.4	59	758	0	11:28:04	03-Jan-2019
193	3.64	-0.4	59	756	0	11:29:04	03-Jan-2019
194	3.25	-0.4	59	756	0	11:30:04	03-Jan-2019
195	4.28	-0.4	60	756	0	11:31:04	03-Jan-2019
196	3.41	-0.4	60	756	0	11:32:04	03-Jan-2019

197	3.83	-0.4	60	756	0	11:33:04	03-Jan-2019
198	4.44	-0.4	60	758	0	11:34:04	03-Jan-2019
199	3.52	-0.4	61	756	0	11:35:04	03-Jan-2019
200	5.51	-0.4	60	756	0	11:36:04	03-Jan-2019
201	5.35	-0.4	62	756	0	11:37:04	03-Jan-2019
202	4.95	-0.4	61	756	0	11:38:04	03-Jan-2019
203	7.67	-0.4	62	756	0	11:39:04	03-Jan-2019
204	4.7	-0.4	62	756	0	11:40:04	03-Jan-2019
205	6.04	-0.4	61	756	0	11:41:04	03-Jan-2019
206	15.8	-0.4	60	756	0	11:42:04	03-Jan-2019
207	8.41	-0.4	61	758	0	11:43:04	03-Jan-2019
208	4.3	-0.4	60	756	0	11:44:04	03-Jan-2019
209	3.2	-0.4	60	756	0	11:45:04	03-Jan-2019
210	3.15	-0.4	60	756	0	11:46:04	03-Jan-2019
211	2.86	-0.4	61	758	0	11:47:04	03-Jan-2019
212	5.61	-0.4	61	758	0	11:48:04	03-Jan-2019
213	2.79	-0.4	60	758	0	11:49:04	03-Jan-2019
214	4.96	-0.4	60	758	0	11:50:04	03-Jan-2019
215	3.66	-0.5	60	758	0	11:51:04	03-Jan-2019
216	3.48	-0.5	60	758	0	11:52:04	03-Jan-2019
217	13.87	-0.5	60	758	0	11:53:04	03-Jan-2019
218	6.08	-0.5	60	758	0	11:54:04	03-Jan-2019
219	4.07	-0.5	61	758	0	11:55:04	03-Jan-2019
220	3.6	-0.5	60	756	0	11:56:04	03-Jan-2019
221	3.45	-0.6	60	756	0	11:57:04	03-Jan-2019
222	3.36	-0.6	60	758	0	11:58:04	03-Jan-2019
223	3.13	-0.6	60	756	0	11:59:04	03-Jan-2019
224	3.87	-0.6	60	756	0	12:00:04	03-Jan-2019
225	3.14	-0.6	61	756	0	12:01:04	03-Jan-2019
226	2.86	-0.7	61	758	0	12:02:04	03-Jan-2019
227	3.19	-0.7	61	756	0	12:03:04	03-Jan-2019
228	3.07	-0.7	61	756	0	12:04:04	03-Jan-2019
229	3.04	-0.7	61	756	0	12:05:04	03-Jan-2019
230	3.2	-0.7	61	756	0	12:06:04	03-Jan-2019
231	2.96	-0.7	60	756	0	12:07:04	03-Jan-2019
232	2.94	-0.7	61	756	0	12:08:04	03-Jan-2019
233	3.63	-0.7	61	756	0	12:09:04	03-Jan-2019
234	3.1	-0.7	61	756	0	12:10:04	03-Jan-2019
235	2.93	-0.7	60	756	0	12:11:04	03-Jan-2019
236	2.75	-0.7	60	758	0	12:12:04	03-Jan-2019
237	2.95	-0.7	61	758	0	12:13:04	03-Jan-2019
238	3.05	-0.8	61	758	0	12:14:04	03-Jan-2019
239	2.9	-0.8	61	758	0	12:15:04	03-Jan-2019
240	3.12	-0.8	61	758	0	12:16:04	03-Jan-2019
241	3.12	-0.8	61	756	0	12:17:04	03-Jan-2019
242	2.95	-0.8	62	758	0	12:18:04	03-Jan-2019
243	3.5	-0.8	63	758	0	12:19:04	03-Jan-2019
244	2.8	-0.8	63	756	0	12:20:04	03-Jan-2019
245	3.14	-0.8	62	756	0	12:21:04	03-Jan-2019
246	2.62	-0.7	62	758	0	12:22:04	03-Jan-2019
247	3.24	-0.7	61	758	0	12:23:04	03-Jan-2019
248	3.12	-0.7	61	756	0	12:24:04	03-Jan-2019
249	2.78	-0.7	61	756	0	12:25:04	03-Jan-2019
250	3.01	-0.7	60	756	0	12:26:04	03-Jan-2019
251	3.09	-0.7	60	756	0	12:27:04	03-Jan-2019

252	2.82	-0.7	61	758	0	12:28:04	03-Jan-2019
253	2.86	-0.7	61	756	0	12:29:04	03-Jan-2019
254	2.92	-0.7	61	756	0	12:30:04	03-Jan-2019
255	3.22	-0.7	61	756	0	12:31:04	03-Jan-2019
256	2.93	-0.7	61	756	0	12:32:04	03-Jan-2019
257	2.96	-0.7	61	756	0	12:33:04	03-Jan-2019
258	2.98	-0.7	61	756	0	12:34:04	03-Jan-2019
259	3.14	-0.6	61	756	0	12:35:04	03-Jan-2019
260	3.1	-0.6	61	756	0	12:36:04	03-Jan-2019
261	3.45	-0.6	61	756	0	12:37:04	03-Jan-2019
262	3.1	-0.6	62	756	0	12:38:04	03-Jan-2019
263	3.39	-0.6	61	756	0	12:39:04	03-Jan-2019
264	3.26	-0.6	61	756	0	12:40:04	03-Jan-2019
265	22.47	-0.5	61	756	0	12:41:04	03-Jan-2019
266	3.45	-0.5	61	756	0	12:42:04	03-Jan-2019
267	6.95	-0.5	61	756	0	12:43:04	03-Jan-2019
268	6.19	-0.5	62	756	0	12:44:04	03-Jan-2019
269	32.16	-0.5	62	756	0	12:45:04	03-Jan-2019
270	37.62	-0.4	61	756	0	12:46:04	03-Jan-2019
271	11.95	-0.4	62	756	0	12:47:04	03-Jan-2019
272	2.97	-0.4	61	756	0	12:48:04	03-Jan-2019
273	4.02	-0.4	61	756	0	12:49:04	03-Jan-2019
274	6.35	-0.3	61	756	0	12:50:04	03-Jan-2019
275	5.98	-0.3	62	756	0	12:51:04	03-Jan-2019
276	5	-0.3	61	756	0	12:52:04	03-Jan-2019
277	13.27	-0.3	60	756	0	12:53:04	03-Jan-2019
278	4.13	-0.3	60	756	0	12:54:04	03-Jan-2019
279	3.69	-0.3	60	756	0	12:55:04	03-Jan-2019
280	4.39	-0.3	59	756	0	12:56:04	03-Jan-2019
281	3.78	-0.2	59	756	0	12:57:04	03-Jan-2019
282	9.47	-0.2	59	756	0	12:58:04	03-Jan-2019
283	6.27	-0.2	59	756	0	12:59:04	03-Jan-2019
284	43.97	-0.2	59	756	0	13:00:04	03-Jan-2019
285	12.53	-0.2	60	756	0	13:01:04	03-Jan-2019
286	6.33	-0.2	60	756	0	13:02:04	03-Jan-2019
287	3.11	-0.2	59	756	0	13:03:04	03-Jan-2019
288	4.3	-0.2	58	756	0	13:04:04	03-Jan-2019
289	3.32	-0.2	58	756	0	13:05:04	03-Jan-2019
290	3.47	-0.2	58	756	0	13:06:04	03-Jan-2019
291	5.76	-0.2	58	756	0	13:07:04	03-Jan-2019
292	10.99	-0.2	58	756	0	13:08:04	03-Jan-2019
293	6.13	-0.2	59	756	0	13:09:04	03-Jan-2019
294	3.84	-0.2	59	756	0	13:10:04	03-Jan-2019
295	6.87	-0.2	58	756	0	13:11:04	03-Jan-2019
296	18.58	-0.2	59	756	0	13:12:04	03-Jan-2019
297	42.97	-0.2	60	756	0	13:13:04	03-Jan-2019
298	7.9	-0.2	60	756	0	13:14:04	03-Jan-2019
299	6.23	-0.2	58	756	0	13:15:04	03-Jan-2019
300	5.59	-0.2	58	756	0	13:16:04	03-Jan-2019
301	5.75	-0.2	58	756	0	13:17:04	03-Jan-2019
302	5.52	-0.3	57	756	0	13:18:04	03-Jan-2019
303	9.33	-0.3	57	756	0	13:19:04	03-Jan-2019
304	5.82	-0.3	57	756	0	13:20:04	03-Jan-2019
305	3.3	-0.3	58	756	0	13:21:04	03-Jan-2019
306	4.67	-0.3	58	756	0	13:22:04	03-Jan-2019

307	5.1	-0.3	58	756	0	13:23:04	03-Jan-2019
308	14.47	-0.3	58	756	0	13:24:04	03-Jan-2019
309	11.34	-0.3	58	756	0	13:25:04	03-Jan-2019
310	18.41	-0.3	59	756	0	13:26:04	03-Jan-2019
311	8.17	-0.3	59	756	0	13:27:04	03-Jan-2019
312	8.35	-0.3	58	756	0	13:28:04	03-Jan-2019
313	9.24	-0.3	59	756	0	13:29:04	03-Jan-2019
314	15.01	-0.4	59	756	0	13:30:04	03-Jan-2019
315	3.12	-0.4	58	758	0	13:31:04	03-Jan-2019
316	11.81	-0.4	57	756	0	13:32:04	03-Jan-2019
317	11.76	-0.4	57	758	0	13:33:04	03-Jan-2019
318	11.98	-0.4	58	758	0	13:34:04	03-Jan-2019
319	11.9	-0.4	58	758	0	13:35:04	03-Jan-2019
320	10.49	-0.4	59	758	0	13:36:04	03-Jan-2019
321	22.9	-0.4	58	758	0	13:37:04	03-Jan-2019
322	20.5	-0.4	58	758	0	13:38:04	03-Jan-2019
323	18.56	-0.4	58	758	0	13:39:04	03-Jan-2019
324	9.81	-0.4	58	758	0	13:40:04	03-Jan-2019
325	7.59	-0.4	59	758	0	13:41:04	03-Jan-2019
326	20.28	-0.4	59	758	0	13:42:04	03-Jan-2019
327	3.29	-0.4	59	758	0	13:43:04	03-Jan-2019
328	6.74	-0.4	58	758	0	13:44:04	03-Jan-2019
329	20.14	-0.4	59	758	0	13:45:04	03-Jan-2019
330	4.01	-0.4	60	758	0	13:46:04	03-Jan-2019
331	2.95	-0.4	60	758	0	13:47:04	03-Jan-2019
332	2.8	-0.4	59	758	0	13:48:04	03-Jan-2019
333	3.11	-0.4	59	756	0	13:49:04	03-Jan-2019
334	7.45	-0.4	59	758	0	13:50:04	03-Jan-2019
335	6.02	-0.4	59	758	0	13:51:04	03-Jan-2019
336	3.06	-0.4	59	756	0	13:52:04	03-Jan-2019
337	2.64	-0.4	59	758	0	13:53:04	03-Jan-2019
338	2.78	-0.4	59	758	0	13:54:04	03-Jan-2019
339	3.14	-0.4	58	758	0	13:55:04	03-Jan-2019
340	2.81	-0.4	59	758	0	13:56:04	03-Jan-2019
341	2.74	-0.4	58	758	0	13:57:04	03-Jan-2019
342	2.94	-0.5	58	758	0	13:58:04	03-Jan-2019
343	3.16	-0.5	58	758	0	13:59:04	03-Jan-2019
344	2.82	-0.5	58	758	0	14:00:04	03-Jan-2019
345	2.94	-0.5	58	758	0	14:01:04	03-Jan-2019
346	3.2	-0.5	58	758	0	14:02:04	03-Jan-2019
347	2.96	-0.5	58	758	0	14:03:04	03-Jan-2019
348	23.64	-0.6	58	758	0	14:04:04	03-Jan-2019
349	7.57	-0.6	58	758	0	14:05:04	03-Jan-2019
350	3.49	-0.6	59	758	0	14:06:04	03-Jan-2019
351	4.22	-0.6	59	758	0	14:07:04	03-Jan-2019
352	3.05	-0.6	59	758	0	14:08:04	03-Jan-2019
353	3.1	-0.7	59	758	0	14:09:04	03-Jan-2019
354	3.08	-0.7	59	758	0	14:10:04	03-Jan-2019
355	3.61	-0.7	59	758	0	14:11:04	03-Jan-2019
356	10.83	-0.7	59	758	0	14:12:04	03-Jan-2019
357	3.75	-0.7	59	758	0	14:13:04	03-Jan-2019
358	3.33	-0.8	59	758	0	14:14:04	03-Jan-2019
359	3.23	-0.8	59	758	0	14:15:04	03-Jan-2019
360	4.91	-0.8	59	758	0	14:16:04	03-Jan-2019
361	3.69	-0.8	59	758	0	14:17:04	03-Jan-2019

362	3.44	-0.8	59	758	0	14:18:04	03-Jan-2019
363	3.43	-0.8	60	758	0	14:19:04	03-Jan-2019
364	3.38	-0.9	61	758	0	14:20:04	03-Jan-2019
365	4.79	-0.9	60	758	0	14:21:04	03-Jan-2019
366	9.6	-0.9	60	758	0	14:22:04	03-Jan-2019
367	5.15	-1	61	758	0	14:23:04	03-Jan-2019
368	5.1	-1	61	758	0	14:24:04	03-Jan-2019
369	3.79	-1	60	758	0	14:25:04	03-Jan-2019
370	8.32	-1	62	758	0	14:26:04	03-Jan-2019
371	10.8	-1	63	758	0	14:27:04	03-Jan-2019
372	4.69	-1.1	64	758	0	14:28:04	03-Jan-2019
373	5.93	-1.1	63	758	0	14:29:04	03-Jan-2019
374	11.11	-1.1	63	758	0	14:30:04	03-Jan-2019
375	5.73	-1.1	64	758	0	14:31:04	03-Jan-2019
376	17.53	-1.1	64	758	0	14:32:04	03-Jan-2019
377	3.83	-1.1	64	758	0	14:33:04	03-Jan-2019
378	3.62	-1.2	64	758	0	14:34:04	03-Jan-2019
379	9.96	-1.2	65	758	0	14:35:04	03-Jan-2019
380	6.26	-1.2	65	758	0	14:36:04	03-Jan-2019
381	3.38	-1.2	65	758	0	14:37:04	03-Jan-2019
382	3.16	-1.2	65	758	0	14:38:04	03-Jan-2019
383	4.54	-1.2	65	758	0	14:39:04	03-Jan-2019
384	4.79	-1.2	66	758	0	14:40:04	03-Jan-2019
385	3.14	-1.3	65	758	0	14:41:04	03-Jan-2019
386	13.3	-1.3	65	758	0	14:42:04	03-Jan-2019
387	7.62	-1.3	65	758	0	14:43:04	03-Jan-2019
388	3.35	-1.3	65	758	0	14:44:04	03-Jan-2019
389	3.56	-1.3	65	758	0	14:45:04	03-Jan-2019
390	7.23	-1.4	65	758	0	14:46:04	03-Jan-2019
391	4.24	-1.4	65	758	0	14:47:04	03-Jan-2019
392	7.77	-1.4	65	758	0	14:48:04	03-Jan-2019
393	6.55	-1.4	66	758	0	14:49:04	03-Jan-2019
394	4.7	-1.4	66	758	0	14:50:04	03-Jan-2019
395	3.52	-1.4	66	758	0	14:51:04	03-Jan-2019
396	4.11	-1.4	66	758	0	14:52:04	03-Jan-2019
397	7.32	-1.5	66	758	0	14:53:04	03-Jan-2019
398	4.82	-1.5	66	758	0	14:54:04	03-Jan-2019
399	6.39	-1.5	66	758	0	14:55:04	03-Jan-2019
400	8.75	-1.5	66	758	0	14:56:04	03-Jan-2019
401	6.39	-1.5	67	758	0	14:57:04	03-Jan-2019
402	3.44	-1.5	67	758	0	14:58:04	03-Jan-2019
403	4.19	-1.5	67	758	0	14:59:04	03-Jan-2019
404	6.12	-1.5	67	758	0	15:00:04	03-Jan-2019
405	4.05	-1.5	67	758	0	15:01:04	03-Jan-2019
406	4.38	-1.6	67	758	0	15:02:04	03-Jan-2019
407	3.97	-1.6	67	758	0	15:03:04	03-Jan-2019
408	4.18	-1.6	67	758	0	15:04:04	03-Jan-2019
409	3.26	-1.6	67	758	0	15:05:04	03-Jan-2019
410	6.04	-1.6	67	758	0	15:06:04	03-Jan-2019
411	5.6	-1.6	67	758	0	15:07:04	03-Jan-2019
412	14.09	-1.6	67	758	0	15:08:04	03-Jan-2019
413	8.11	-1.6	68	758	0	15:09:04	03-Jan-2019
414	3.62	-1.6	67	758	0	15:10:04	03-Jan-2019
415	3.35	-1.6	67	758	0	15:11:04	03-Jan-2019
416	4.46	-1.6	67	758	0	15:12:04	03-Jan-2019

417	3.96	-1.6	68	758	0	15:13:04	03-Jan-2019
418	8.94	-1.6	68	758	0	15:14:04	03-Jan-2019
419	5.28	-1.6	68	758	0	15:15:04	03-Jan-2019
420	7.54	-1.6	67	758	0	15:16:04	03-Jan-2019
421	9.47	-1.6	68	758	0	15:17:04	03-Jan-2019
422	5.1	-1.6	68	758	0	15:18:04	03-Jan-2019
423	3.48	-1.6	68	758	0	15:19:04	03-Jan-2019
424	5.31	-1.6	67	758	0	15:20:04	03-Jan-2019
425	4.42	-1.6	67	758	0	15:21:04	03-Jan-2019
426	4.87	-1.6	68	758	0	15:22:04	03-Jan-2019
427	3.48	-1.6	68	758	0	15:23:04	03-Jan-2019
428	3.45	-1.6	68	758	0	15:24:04	03-Jan-2019
429	3.77	-1.6	67	758	0	15:25:04	03-Jan-2019
430	3.84	-1.7	68	758	0	15:26:04	03-Jan-2019
431	3.4	-1.7	68	758	0	15:27:04	03-Jan-2019
432	3.76	-1.7	68	758	0	15:28:04	03-Jan-2019
433	3.63	-1.7	68	758	0	15:29:04	03-Jan-2019
434	3.56	-1.7	69	758	0	15:30:04	03-Jan-2019
435	3.44	-1.7	69	758	0	15:31:04	03-Jan-2019
436	3.68	-1.7	69	758	0	15:32:04	03-Jan-2019
437	3.7	-1.7	69	758	0	15:33:04	03-Jan-2019
438	3.6	-1.7	68	758	0	15:34:04	03-Jan-2019
439	3.69	-1.7	68	758	0	15:35:04	03-Jan-2019
440	3.56	-1.7	68	758	0	15:36:04	03-Jan-2019
441	3.76	-1.7	69	758	0	15:37:04	03-Jan-2019
442	3.59	-1.7	69	758	0	15:38:04	03-Jan-2019
443	3.69	-1.7	68	758	0	15:39:04	03-Jan-2019
444	3.72	-1.7	69	758	0	15:40:04	03-Jan-2019
445	3.71	-1.7	69	758	0	15:41:04	03-Jan-2019
446	3.27	-1.8	69	758	0	15:42:04	03-Jan-2019
447	3.43	-1.7	69	758	0	15:43:04	03-Jan-2019
448	3.49	-1.8	69	758	0	15:44:04	03-Jan-2019
449	3.58	-1.8	69	758	0	15:45:04	03-Jan-2019
450	3.51	-1.8	69	758	0	15:46:04	03-Jan-2019
451	3.6	-1.8	69	758	0	15:47:04	03-Jan-2019
452	3.52	-1.8	69	758	0	15:48:04	03-Jan-2019

>"Model Number"	"PDR-1500 1.34	
Serial no.	"0115249940"	
Tag Number	0	
Start Time	08:17:03	
Start Date	03-Jan-2019	
Log Period	00:01:00	
Number	427	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNITS	C	
RH CORRECT	"ENABLED "	
Max Disp	84.93	
Max Disp @	08:45:01 03-Jan-2019	
Max STEL	32.8387	
Max STEL @	08:54:13 03-Jan-2019	
Avg point	10.17691	
ALARM	"DISABLED"	
ALARM_LEVEL(mg)	0	
Errors	0	
Inlet Type	"TOTAL "	
FlowRate	1.2	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressure	Flags		
1	12.99	16.3	29	754	0	08:18:03	03-Jan-2019
2	15.08	16.2	24	754	0	08:19:03	03-Jan-2019
3	11.34	16	23	754	0	08:20:03	03-Jan-2019
4	14.58	15.7	23	754	0	08:21:03	03-Jan-2019
5	8.1	15.4	23	754	0	08:22:03	03-Jan-2019
6	7.63	15	23	754	0	08:23:03	03-Jan-2019
7	12.44	14.6	23	754	0	08:24:03	03-Jan-2019
8	9.07	14.2	24	754	0	08:25:03	03-Jan-2019
9	7.14	13.8	24	754	0	08:26:03	03-Jan-2019
10	6.76	13.3	25	754	0	08:27:03	03-Jan-2019
11	5.56	12.8	25	754	0	08:28:03	03-Jan-2019
12	5.94	12.3	25	754	0	08:29:03	03-Jan-2019
13	7.42	11.8	25	754	0	08:30:03	03-Jan-2019
14	11.76	11.4	27	754	0	08:31:03	03-Jan-2019
15	5.77	10.9	29	754	0	08:32:03	03-Jan-2019
16	5.67	10.5	30	754	0	08:33:03	03-Jan-2019
17	7.68	10.1	31	756	0	08:34:03	03-Jan-2019
18	8.58	9.7	32	756	0	08:35:03	03-Jan-2019
19	7.49	9.3	33	756	0	08:36:03	03-Jan-2019
20	8.93	9	33	756	0	08:37:03	03-Jan-2019
21	9.89	8.6	34	756	0	08:38:03	03-Jan-2019
22	9.23	8.3	35	756	0	08:39:03	03-Jan-2019
23	9.33	7.9	36	756	0	08:40:03	03-Jan-2019
24	9.55	7.6	36	756	0	08:41:03	03-Jan-2019
25	9.93	7.3	37	756	0	08:42:03	03-Jan-2019
26	10.73	7	38	756	0	08:43:03	03-Jan-2019
27	14.4	6.7	39	756	0	08:44:03	03-Jan-2019
28	84.93	6.3	40	756	0	08:45:03	03-Jan-2019
29	27.24	6	40	756	0	08:46:03	03-Jan-2019
30	12.68	5.8	42	756	0	08:47:03	03-Jan-2019

31	12.05	5.5	42	756	0	08:48:03	03-Jan-2019
32	11.53	5.2	43	756	0	08:49:03	03-Jan-2019
33	11.89	5	43	756	0	08:50:03	03-Jan-2019
34	12.16	4.8	44	756	0	08:51:03	03-Jan-2019
35	14.97	4.5	45	756	0	08:52:03	03-Jan-2019
36	18.11	4.3	46	756	0	08:53:03	03-Jan-2019
37	31.93	4.1	46	756	2	08:54:03	03-Jan-2019
38	9.72	3.9	47	756	0	08:55:03	03-Jan-2019
39	8.4	3.7	48	756	0	08:56:03	03-Jan-2019
40	8.67	3.5	49	756	0	08:57:03	03-Jan-2019
41	9.44	3.4	50	756	0	08:58:03	03-Jan-2019
42	9.32	3.2	50	756	0	08:59:03	03-Jan-2019
43	8.44	3.1	50	756	0	09:00:03	03-Jan-2019
44	7.63	3	51	756	0	09:01:03	03-Jan-2019
45	7.6	2.9	52	756	0	09:02:03	03-Jan-2019
46	9	2.8	52	756	0	09:03:03	03-Jan-2019
47	13	2.7	53	756	0	09:04:03	03-Jan-2019
48	10.25	2.7	53	756	0	09:05:03	03-Jan-2019
49	10.62	2.6	53	756	0	09:06:03	03-Jan-2019
50	11.13	2.5	54	756	0	09:07:03	03-Jan-2019
51	11.05	2.4	54	756	0	09:08:03	03-Jan-2019
52	10.19	2.4	54	756	0	09:09:03	03-Jan-2019
53	12.24	2.3	55	756	0	09:10:03	03-Jan-2019
54	10.26	2.2	55	756	0	09:11:03	03-Jan-2019
55	9.85	2.2	56	756	0	09:12:03	03-Jan-2019
56	9.66	2.1	56	756	0	09:13:03	03-Jan-2019
57	9.81	2.1	56	756	0	09:14:03	03-Jan-2019
58	9.94	2	56	756	0	09:15:03	03-Jan-2019
59	9.77	1.9	56	756	0	09:16:03	03-Jan-2019
60	9.96	1.9	56	756	0	09:17:03	03-Jan-2019
61	10.96	1.8	57	756	0	09:18:03	03-Jan-2019
62	10.34	1.8	57	756	0	09:19:03	03-Jan-2019
63	9.72	1.7	57	756	0	09:20:03	03-Jan-2019
64	10.08	1.7	58	756	0	09:21:03	03-Jan-2019
65	9.56	1.7	58	756	0	09:22:03	03-Jan-2019
66	10.37	1.7	58	756	0	09:23:03	03-Jan-2019
67	10.59	1.7	58	756	0	09:24:03	03-Jan-2019
68	11.24	1.7	58	756	0	09:25:03	03-Jan-2019
69	10.1	1.7	58	756	0	09:26:03	03-Jan-2019
70	11.17	1.8	58	756	0	09:27:03	03-Jan-2019
71	11.44	1.8	58	756	0	09:28:03	03-Jan-2019
72	9.68	1.8	58	756	0	09:29:03	03-Jan-2019
73	9.9	1.8	59	756	0	09:30:03	03-Jan-2019
74	10.89	1.9	59	756	0	09:31:03	03-Jan-2019
75	10.17	1.9	59	756	0	09:32:03	03-Jan-2019
76	9.83	2	59	756	0	09:33:03	03-Jan-2019
77	9.88	2.1	59	756	0	09:34:03	03-Jan-2019
78	9.28	2.2	59	756	0	09:35:03	03-Jan-2019
79	9.01	2.2	58	756	0	09:36:03	03-Jan-2019
80	9.28	2.3	58	756	0	09:37:03	03-Jan-2019
81	10.1	2.4	58	756	0	09:38:03	03-Jan-2019
82	11.23	2.5	57	756	0	09:39:03	03-Jan-2019
83	10.17	2.6	57	756	0	09:40:03	03-Jan-2019
84	9.56	2.7	57	756	0	09:41:03	03-Jan-2019

85	12.83	2.8	57	756	0	09:42:03	03-Jan-2019
86	14.13	2.8	56	756	0	09:43:03	03-Jan-2019
87	11.84	2.9	56	756	0	09:44:03	03-Jan-2019
88	12.99	2.9	56	756	0	09:45:03	03-Jan-2019
89	14.67	3	57	756	0	09:46:03	03-Jan-2019
90	16.75	3.1	57	756	0	09:47:03	03-Jan-2019
91	11.25	3.2	56	756	0	09:48:03	03-Jan-2019
92	11.83	3.3	56	756	0	09:49:03	03-Jan-2019
93	12.17	3.3	55	756	0	09:50:03	03-Jan-2019
94	13.08	3.4	55	756	0	09:51:03	03-Jan-2019
95	14.22	3.5	55	756	0	09:52:03	03-Jan-2019
96	11.55	3.5	54	756	0	09:53:03	03-Jan-2019
97	9.16	3.5	53	756	0	09:54:03	03-Jan-2019
98	7.35	3.5	52	756	0	09:55:03	03-Jan-2019
99	7.39	3.5	51	756	0	09:56:03	03-Jan-2019
100	8.48	3.5	51	756	0	09:57:03	03-Jan-2019
101	8.43	3.5	51	756	0	09:58:03	03-Jan-2019
102	8.72	3.5	51	756	0	09:59:03	03-Jan-2019
103	8	3.5	51	756	0	10:00:03	03-Jan-2019
104	7.02	3.5	51	756	0	10:01:03	03-Jan-2019
105	6.3	3.4	51	756	0	10:02:03	03-Jan-2019
106	5.46	3.4	51	756	0	10:03:03	03-Jan-2019
107	6.09	3.4	50	756	0	10:04:03	03-Jan-2019
108	4.67	3.3	49	756	0	10:05:03	03-Jan-2019
109	4.46	3.3	49	756	0	10:06:03	03-Jan-2019
110	3.33	3.3	49	756	0	10:07:03	03-Jan-2019
111	2.89	3.2	49	756	0	10:08:03	03-Jan-2019
112	1.87	3.2	47	756	0	10:09:03	03-Jan-2019
113	1.71	3.2	46	756	0	10:10:03	03-Jan-2019
114	2.13	3.1	46	756	0	10:11:03	03-Jan-2019
115	2.28	3.1	46	756	0	10:12:03	03-Jan-2019
116	2.51	3	46	756	0	10:13:03	03-Jan-2019
117	1.41	3	47	756	0	10:14:03	03-Jan-2019
118	1.45	2.9	47	756	0	10:15:03	03-Jan-2019
119	1.15	2.9	47	756	0	10:16:03	03-Jan-2019
120	1.27	2.9	47	756	0	10:17:03	03-Jan-2019
121	1.14	2.8	47	756	0	10:18:03	03-Jan-2019
122	1.39	2.8	47	756	0	10:19:03	03-Jan-2019
123	1.24	2.8	47	756	0	10:20:03	03-Jan-2019
124	1.62	2.8	47	756	0	10:21:03	03-Jan-2019
125	1.29	2.8	48	756	0	10:22:03	03-Jan-2019
126	1.17	2.9	49	756	0	10:23:03	03-Jan-2019
127	0.98	2.9	49	756	0	10:24:03	03-Jan-2019
128	1.57	2.9	48	756	0	10:25:03	03-Jan-2019
129	2.83	2.9	48	756	0	10:26:03	03-Jan-2019
130	2.42	2.9	48	756	0	10:27:03	03-Jan-2019
131	3.01	2.9	48	756	0	10:28:03	03-Jan-2019
132	5.25	2.9	49	756	0	10:29:03	03-Jan-2019
133	6.85	2.9	49	756	0	10:30:03	03-Jan-2019
134	3.68	2.9	49	756	0	10:31:03	03-Jan-2019
135	2.01	2.9	49	756	0	10:32:03	03-Jan-2019
136	2.31	2.8	49	756	0	10:33:03	03-Jan-2019
137	4.69	2.8	48	756	0	10:34:03	03-Jan-2019
138	6.63	2.8	47	756	0	10:35:03	03-Jan-2019

139	1.62	2.8	47	756	0	10:36:03	03-Jan-2019
140	1.35	2.7	47	756	0	10:37:03	03-Jan-2019
141	1.09	2.7	45	756	0	10:38:03	03-Jan-2019
142	1.36	2.6	45	756	0	10:39:03	03-Jan-2019
143	1.27	2.6	45	756	0	10:40:03	03-Jan-2019
144	2.39	2.5	45	756	0	10:41:03	03-Jan-2019
145	1.2	2.5	45	756	0	10:42:03	03-Jan-2019
146	1.64	2.4	45	756	0	10:43:03	03-Jan-2019
147	2.18	2.4	45	756	0	10:44:03	03-Jan-2019
148	10.21	2.4	45	756	0	10:45:03	03-Jan-2019
149	9.91	2.4	45	756	0	10:46:03	03-Jan-2019
150	10.21	2.4	45	756	0	10:47:03	03-Jan-2019
151	11.11	2.4	45	756	0	10:48:03	03-Jan-2019
152	12.35	2.4	45	756	0	10:49:03	03-Jan-2019
153	11.19	2.4	45	756	0	10:50:03	03-Jan-2019
154	10.52	2.4	45	756	0	10:51:03	03-Jan-2019
155	14.11	2.3	45	756	0	10:52:03	03-Jan-2019
156	15.54	2.4	45	756	0	10:53:03	03-Jan-2019
157	13.02	2.3	45	756	0	10:54:03	03-Jan-2019
158	14.29	2.4	45	756	0	10:55:03	03-Jan-2019
159	16.14	2.4	45	756	0	10:56:03	03-Jan-2019
160	18.43	2.4	45	756	0	10:57:03	03-Jan-2019
161	12.38	2.5	45	756	0	10:58:03	03-Jan-2019
162	13.01	2.4	46	756	0	10:59:03	03-Jan-2019
163	13.39	2.4	46	756	0	11:00:03	03-Jan-2019
164	14.39	2.4	46	756	0	11:01:03	03-Jan-2019
165	15.64	2.3	46	756	0	11:02:03	03-Jan-2019
166	12.71	2.3	46	756	0	11:03:03	03-Jan-2019
167	10.08	2.3	46	756	0	11:04:03	03-Jan-2019
168	8.09	2.2	46	756	0	11:05:03	03-Jan-2019
169	8.13	2.2	46	756	0	11:06:03	03-Jan-2019
170	9.33	2.2	46	756	0	11:07:03	03-Jan-2019
171	9.27	2.3	46	756	0	11:08:03	03-Jan-2019
172	9.59	2.2	46	756	0	11:09:03	03-Jan-2019
173	8.8	2.2	46	756	0	11:10:03	03-Jan-2019
174	7.72	2.2	46	756	0	11:11:03	03-Jan-2019
175	6.93	2	46	756	0	11:12:03	03-Jan-2019
176	6.01	2.1	46	756	0	11:13:03	03-Jan-2019
177	6.7	2.1	46	756	0	11:14:03	03-Jan-2019
178	5.14	2.1	46	756	0	11:15:03	03-Jan-2019
179	4.91	2	46	756	0	11:16:03	03-Jan-2019
180	3.66	2	45	756	0	11:17:03	03-Jan-2019
181	3.18	2.3	45	756	0	11:18:03	03-Jan-2019
182	2.06	2.5	45	756	0	11:19:03	03-Jan-2019
183	1.88	2.4	45	756	0	11:20:03	03-Jan-2019
184	2.34	2.2	45	756	0	11:21:03	03-Jan-2019
185	2.51	2	45	756	0	11:22:03	03-Jan-2019
186	2.76	2	45	756	0	11:23:03	03-Jan-2019
187	1.55	2	45	756	0	11:24:03	03-Jan-2019
188	1.6	2	45	756	0	11:25:03	03-Jan-2019
189	1.27	2	45	756	0	11:26:03	03-Jan-2019
190	1.4	2	45	756	0	11:27:03	03-Jan-2019
191	1.25	1.9	45	756	0	11:28:03	03-Jan-2019
192	1.53	1.9	45	756	0	11:29:03	03-Jan-2019

193	1.36	1.9	45	756	0	11:30:03	03-Jan-2019
194	1.78	1.9	45	756	0	11:31:03	03-Jan-2019
195	1.42	1.9	45	756	0	11:32:03	03-Jan-2019
196	1.29	1.8	45	756	0	11:33:03	03-Jan-2019
197	1.08	1.8	45	756	0	11:34:03	03-Jan-2019
198	1.73	1.8	45	756	0	11:35:03	03-Jan-2019
199	3.11	1.6	45	756	0	11:36:03	03-Jan-2019
200	2.66	1.5	45	756	0	11:37:03	03-Jan-2019
201	3.31	1.3	45	756	0	11:38:03	03-Jan-2019
202	5.78	1.3	45	756	0	11:39:03	03-Jan-2019
203	7.54	1.3	45	756	0	11:40:03	03-Jan-2019
204	4.05	1.4	45	756	0	11:41:03	03-Jan-2019
205	2.21	1.4	45	756	0	11:42:03	03-Jan-2019
206	2.54	1.4	45	756	0	11:43:03	03-Jan-2019
207	5.16	1.2	45	756	0	11:44:03	03-Jan-2019
208	7.29	1.4	45	756	0	11:45:03	03-Jan-2019
209	1.78	1.4	45	756	0	11:46:03	03-Jan-2019
210	1.49	1.4	46	756	0	11:47:03	03-Jan-2019
211	1.2	1.2	46	756	0	11:48:03	03-Jan-2019
212	1.5	1.1	47	756	0	11:49:03	03-Jan-2019
213	1.4	1.1	47	756	0	11:50:03	03-Jan-2019
214	2.63	0.9	47	756	0	11:51:03	03-Jan-2019
215	1.32	0.9	47	756	0	11:52:03	03-Jan-2019
216	5.27	0.8	47	756	0	11:53:03	03-Jan-2019
217	5.3	0.7	47	756	0	11:54:03	03-Jan-2019
218	5.34	0.7	47	756	0	11:55:03	03-Jan-2019
219	5.37	0.7	47	756	0	11:56:03	03-Jan-2019
220	5.41	0.7	47	756	0	11:57:03	03-Jan-2019
221	5.44	0.7	47	756	0	11:58:03	03-Jan-2019
222	5.48	0.5	47	756	0	11:59:03	03-Jan-2019
223	5.51	0.3	47	756	0	12:00:03	03-Jan-2019
224	5.55	0.5	47	756	0	12:01:03	03-Jan-2019
225	5.58	0.5	47	756	0	12:02:03	03-Jan-2019
226	5.62	0.5	47	756	0	12:03:03	03-Jan-2019
227	5.65	0.5	47	756	0	12:04:03	03-Jan-2019
228	5.69	0.2	47	756	0	12:05:03	03-Jan-2019
229	5.72	0.4	47	756	0	12:06:03	03-Jan-2019
230	5.75	0.3	47	756	0	12:07:03	03-Jan-2019
231	5.79	0.3	47	756	0	12:08:03	03-Jan-2019
232	5.82	0.1	46	756	0	12:09:03	03-Jan-2019
233	5.86	0	46	756	0	12:10:03	03-Jan-2019
234	5.89	0.1	46	756	0	12:11:03	03-Jan-2019
235	5.93	0	45	756	0	12:12:03	03-Jan-2019
236	5.96	0	45	756	0	12:13:03	03-Jan-2019
237	6	0	45	756	0	12:14:03	03-Jan-2019
238	6.03	0	45	756	0	12:15:03	03-Jan-2019
239	6.07	0	45	756	0	12:16:03	03-Jan-2019
240	6.1	0	45	756	0	12:17:03	03-Jan-2019
241	6.14	0	45	756	0	12:18:03	03-Jan-2019
242	6.17	0	45	756	0	12:19:03	03-Jan-2019
243	6.21	-0.2	45	756	0	12:20:03	03-Jan-2019
244	6.24	-0.2	45	756	0	12:21:03	03-Jan-2019
245	6.27	-0.2	45	756	0	12:22:03	03-Jan-2019
246	6.31	-0.2	45	756	0	12:23:03	03-Jan-2019

247	6.34	-0.2	45	756	0	12:24:03	03-Jan-2019
248	6.38	-0.2	45	756	0	12:25:03	03-Jan-2019
249	6.41	-0.2	45	756	0	12:26:03	03-Jan-2019
250	6.45	-0.2	45	756	0	12:27:03	03-Jan-2019
251	6.48	-0.2	45	756	0	12:28:03	03-Jan-2019
252	6.52	-0.2	45	756	0	12:29:03	03-Jan-2019
253	6.55	-0.2	45	756	0	12:30:03	03-Jan-2019
254	6.59	-0.2	45	756	0	12:31:03	03-Jan-2019
255	6.62	-0.2	45	756	0	12:32:03	03-Jan-2019
256	6.66	-0.2	45	756	0	12:33:03	03-Jan-2019
257	6.69	-0.2	45	756	0	12:34:03	03-Jan-2019
258	6.73	-0.2	45	756	0	12:35:03	03-Jan-2019
259	6.76	-0.2	45	756	0	12:36:03	03-Jan-2019
260	6.8	-0.2	45	756	0	12:37:03	03-Jan-2019
261	6.83	-0.2	45	756	0	12:38:03	03-Jan-2019
262	6.86	-0.2	45	756	0	12:39:03	03-Jan-2019
263	6.9	-0.2	45	756	0	12:40:03	03-Jan-2019
264	6.93	-0.2	45	756	0	12:41:03	03-Jan-2019
265	6.97	-0.2	45	756	0	12:42:03	03-Jan-2019
266	7	-0.2	45	756	0	12:43:03	03-Jan-2019
267	7.04	-0.2	45	756	0	12:44:03	03-Jan-2019
268	7.07	-0.2	45	756	0	12:45:03	03-Jan-2019
269	7.11	-0.2	45	756	0	12:46:03	03-Jan-2019
270	7.14	-0.2	45	756	0	12:47:03	03-Jan-2019
271	7.18	-0.2	45	756	0	12:48:03	03-Jan-2019
272	7.21	-0.2	45	756	0	12:49:03	03-Jan-2019
273	7.25	-0.2	45	756	0	12:50:03	03-Jan-2019
274	7.28	-0.2	45	756	0	12:51:03	03-Jan-2019
275	7.32	-0.2	45	756	0	12:52:03	03-Jan-2019
276	7.35	-0.2	45	756	0	12:53:03	03-Jan-2019
277	7.39	-0.2	45	756	0	12:54:03	03-Jan-2019
278	7.42	-0.2	45	756	0	12:55:03	03-Jan-2019
279	7.45	-0.1	45	756	0	12:56:03	03-Jan-2019
280	7.49	-0.1	45	756	0	12:57:03	03-Jan-2019
281	7.52	-0.1	45	756	0	12:58:03	03-Jan-2019
282	7.56	-0.1	45	756	0	12:59:03	03-Jan-2019
283	7.59	-0.1	45	756	0	13:00:03	03-Jan-2019
284	7.63	-0.1	45	756	0	13:01:03	03-Jan-2019
285	7.66	-0.1	45	756	0	13:02:03	03-Jan-2019
286	7.7	-0.1	45	756	0	13:03:03	03-Jan-2019
287	7.73	-0.1	45	756	0	13:04:03	03-Jan-2019
288	7.77	-0.1	45	756	0	13:05:03	03-Jan-2019
289	7.8	-0.1	45	756	0	13:06:03	03-Jan-2019
290	7.84	-0.1	45	756	0	13:07:03	03-Jan-2019
291	7.87	-0.1	45	756	0	13:08:03	03-Jan-2019
292	7.91	-0.1	45	756	0	13:09:03	03-Jan-2019
293	7.94	-0.1	45	756	0	13:10:03	03-Jan-2019
294	7.97	-0.1	45	756	0	13:11:03	03-Jan-2019
295	8.01	-0.1	45	756	0	13:12:03	03-Jan-2019
296	8.04	-0.1	45	756	0	13:13:03	03-Jan-2019
297	8.08	-0.1	45	756	0	13:14:03	03-Jan-2019
298	8.11	-0.1	45	756	0	13:15:03	03-Jan-2019
299	8.15	-0.1	45	756	0	13:16:03	03-Jan-2019
300	8.18	-0.1	45	756	0	13:17:03	03-Jan-2019

301	8.22	-0.1	45	756	0	13:18:03	03-Jan-2019
302	8.25	-0.1	45	756	0	13:19:03	03-Jan-2019
303	8.29	-0.1	46	756	0	13:20:03	03-Jan-2019
304	8.32	-0.1	46	756	0	13:21:03	03-Jan-2019
305	8.36	-0.1	46	756	0	13:22:03	03-Jan-2019
306	8.39	-0.1	46	756	0	13:23:03	03-Jan-2019
307	8.43	-0.1	46	756	0	13:24:03	03-Jan-2019
308	8.46	-0.1	46	756	0	13:25:03	03-Jan-2019
309	8.5	-0.1	45	756	0	13:26:03	03-Jan-2019
310	8.53	-0.1	45	756	0	13:27:03	03-Jan-2019
311	8.56	-0.1	45	756	0	13:28:03	03-Jan-2019
312	8.6	-0.1	45	756	0	13:29:03	03-Jan-2019
313	8.63	-0.1	45	756	0	13:30:03	03-Jan-2019
314	8.67	-0.2	45	756	0	13:31:03	03-Jan-2019
315	8.7	-0.2	45	756	0	13:32:03	03-Jan-2019
316	8.74	-0.2	45	756	0	13:33:03	03-Jan-2019
317	8.77	-0.2	45	756	0	13:34:03	03-Jan-2019
318	8.81	-0.2	45	756	0	13:35:03	03-Jan-2019
319	8.84	-0.2	45	756	0	13:36:03	03-Jan-2019
320	8.88	-0.2	45	756	0	13:37:03	03-Jan-2019
321	8.91	-0.2	46	756	0	13:38:03	03-Jan-2019
322	8.95	-0.2	46	756	0	13:39:03	03-Jan-2019
323	8.98	-0.2	47	756	0	13:40:03	03-Jan-2019
324	9.02	-0.2	47	756	0	13:41:03	03-Jan-2019
325	9.05	-0.2	46	756	0	13:42:03	03-Jan-2019
326	9.09	-0.2	47	756	0	13:43:03	03-Jan-2019
327	9.12	-0.2	47	756	0	13:44:03	03-Jan-2019
328	9.15	-0.2	47	756	0	13:45:03	03-Jan-2019
329	9.19	-0.2	46	756	0	13:46:03	03-Jan-2019
330	9.22	-0.2	46	756	0	13:47:03	03-Jan-2019
331	9.26	-0.2	46	756	0	13:48:03	03-Jan-2019
332	9.29	-0.2	46	756	0	13:49:03	03-Jan-2019
333	9.33	-0.2	46	756	0	13:50:03	03-Jan-2019
334	9.36	-0.2	46	756	0	13:51:03	03-Jan-2019
335	9.4	-0.2	48	756	0	13:52:03	03-Jan-2019
336	9.43	-0.2	48	756	0	13:53:03	03-Jan-2019
337	9.47	-0.2	48	756	0	13:54:03	03-Jan-2019
338	9.5	-0.2	48	756	0	13:55:03	03-Jan-2019
339	9.54	-0.3	48	756	0	13:56:03	03-Jan-2019
340	9.57	-0.3	48	756	0	13:57:03	03-Jan-2019
341	9.61	-0.3	48	756	0	13:58:03	03-Jan-2019
342	9.64	-0.3	48	756	0	13:59:03	03-Jan-2019
343	9.67	-0.3	48	756	0	14:00:03	03-Jan-2019
344	9.71	-0.3	49	756	0	14:01:03	03-Jan-2019
345	9.74	-0.3	49	756	0	14:02:03	03-Jan-2019
346	9.78	-0.3	49	756	0	14:03:03	03-Jan-2019
347	9.81	-0.3	50	756	0	14:04:03	03-Jan-2019
348	9.85	-0.4	50	756	0	14:05:03	03-Jan-2019
349	9.88	-0.4	50	756	0	14:06:03	03-Jan-2019
350	9.92	-0.4	50	756	0	14:07:03	03-Jan-2019
351	9.95	-0.4	50	756	0	14:08:03	03-Jan-2019
352	9.99	-0.4	50	756	0	14:09:03	03-Jan-2019
353	10.02	-0.4	50	756	0	14:10:03	03-Jan-2019
354	10.06	-0.4	50	756	0	14:11:03	03-Jan-2019

355	10.09	-0.4	50	756	0	14:12:03	03-Jan-2019
356	10.13	-0.4	50	756	0	14:13:03	03-Jan-2019
357	10.16	-0.4	50	756	0	14:14:03	03-Jan-2019
358	10.2	-0.5	50	756	0	14:15:03	03-Jan-2019
359	10.23	-0.5	50	756	0	14:16:03	03-Jan-2019
360	10.26	-0.5	50	756	0	14:17:03	03-Jan-2019
361	10.3	-0.5	50	756	0	14:18:03	03-Jan-2019
362	10.33	-0.5	50	756	0	14:19:03	03-Jan-2019
363	10.37	-0.5	50	756	0	14:20:03	03-Jan-2019
364	10.4	-0.5	50	756	0	14:21:03	03-Jan-2019
365	10.44	-0.5	51	756	0	14:22:03	03-Jan-2019
366	10.47	-0.5	51	756	0	14:23:03	03-Jan-2019
367	10.51	-0.5	51	756	0	14:24:03	03-Jan-2019
368	10.54	-0.6	51	756	0	14:25:03	03-Jan-2019
369	10.58	-0.6	51	756	0	14:26:03	03-Jan-2019
370	10.61	-0.6	51	756	0	14:27:03	03-Jan-2019
371	10.65	-0.6	51	756	0	14:28:03	03-Jan-2019
372	10.68	-0.6	51	756	0	14:29:03	03-Jan-2019
373	10.72	-0.6	51	756	0	14:30:03	03-Jan-2019
374	10.75	-0.6	51	756	0	14:31:03	03-Jan-2019
375	10.78	-0.6	51	756	0	14:32:03	03-Jan-2019
376	10.82	-0.6	52	756	0	14:33:03	03-Jan-2019
377	10.85	-0.6	52	756	0	14:34:03	03-Jan-2019
378	10.89	-0.8	52	756	0	14:35:03	03-Jan-2019
379	10.92	-0.8	53	756	0	14:36:03	03-Jan-2019
380	10.96	-0.8	53	756	0	14:37:03	03-Jan-2019
381	10.99	-0.8	53	756	0	14:38:03	03-Jan-2019
382	11.03	-0.8	53	756	0	14:39:03	03-Jan-2019
383	11.06	-0.8	53	756	0	14:40:03	03-Jan-2019
384	11.1	-0.8	53	756	0	14:41:03	03-Jan-2019
385	11.13	-0.8	52	756	0	14:42:03	03-Jan-2019
386	11.17	-0.8	52	756	0	14:43:03	03-Jan-2019
387	11.2	-0.8	52	756	0	14:44:03	03-Jan-2019
388	11.24	-0.8	51	756	0	14:45:03	03-Jan-2019
389	11.27	-0.8	51	756	0	14:46:03	03-Jan-2019
390	11.31	-1	51	756	0	14:47:03	03-Jan-2019
391	11.34	-1.2	51	756	0	14:48:03	03-Jan-2019
392	11.37	-1.4	51	756	0	14:49:03	03-Jan-2019
			Replaced Batteries				
1	2.6	-1.4	46	756	0	15:12:33	03-Jan-2019
2	2.62	-1.3	50	756	0	15:13:33	03-Jan-2019
3	4.21	-1.2	53	756	0	15:14:33	03-Jan-2019
4	2.89	-1.1	55	756	0	15:15:33	03-Jan-2019
5	2.46	-1	55	756	0	15:16:33	03-Jan-2019
6	3.66	-0.9	56	756	0	15:17:33	03-Jan-2019
7	2.35	-0.8	56	756	0	15:18:33	03-Jan-2019
8	2.15	-0.7	56	756	0	15:19:33	03-Jan-2019
9	2	-0.7	56	756	0	15:20:33	03-Jan-2019
10	2.25	-0.6	56	756	0	15:21:33	03-Jan-2019
11	2.29	-0.5	56	756	0	15:22:33	03-Jan-2019
12	1.74	-0.5	56	756	0	15:23:33	03-Jan-2019
13	2.43	-0.4	57	756	0	15:24:33	03-Jan-2019
14	3.48	-0.4	57	756	0	15:25:33	03-Jan-2019
15	2.49	-0.4	57	756	0	15:26:33	03-Jan-2019

16	2.14	-0.3	57	756	0	15:27:33	03-Jan-2019
17	1.67	-0.3	56	756	0	15:28:33	03-Jan-2019
18	1.98	-0.2	56	756	0	15:29:33	03-Jan-2019
19	1.57	-0.2	56	756	0	15:30:33	03-Jan-2019
20	1.74	-0.2	55	756	0	15:31:33	03-Jan-2019
21	1.9	-0.1	55	756	0	15:32:33	03-Jan-2019
22	2.14	-0.1	55	756	0	15:33:33	03-Jan-2019
23	1.62	-0.1	55	756	0	15:34:33	03-Jan-2019
24	1.95	-0.1	55	756	0	15:35:33	03-Jan-2019
25	1.65	-0.1	55	756	0	15:36:33	03-Jan-2019
26	1.87	-0.1	55	756	0	15:37:33	03-Jan-2019
27	1.92	-0.1	55	756	0	15:38:33	03-Jan-2019
28	1.74	0	55	756	0	15:39:33	03-Jan-2019
29	1.82	0	54	756	0	15:40:33	03-Jan-2019
30	1.84	0	54	756	0	15:41:33	03-Jan-2019
31	1.91	0	55	756	0	15:42:33	03-Jan-2019
32	1.95	0	55	756	0	15:43:33	03-Jan-2019
33	1.65	0	55	756	0	15:44:33	03-Jan-2019
34	1.86	0	55	756	0	15:45:33	03-Jan-2019
35	1.97	-0.1	54	756	0	15:46:33	03-Jan-2019

>"Model Number"	"PDR-1500"	1.34
Serial no.	"0115249979"	
Tag Number	1	
Start Time	07:38:28	
Start Date	04-Jan-2019	
Log Period	00:01:00	
Number	399	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNITS	C	
RH CORRECT	"ENABLED "	
Max Disp	1446.232557	
Max Disp @	11:25:11 04-Jan-2019	
Max STEL	328.477716	
Max STEL @	12:06:48 04-Jan-2019	
Avg point	41.658487	
ALARM	"DISABLED"	
ALARM_LEVEL(mg)	0	
Errors	0	
Inlet Type "TOTAL "		
FlowRate	1.2	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPress	Flags		
1	11.17	-0.1	57	758	1	07:39:28	04-Jan-2019
2	10.39	-0.1	52	758	0	07:40:28	04-Jan-2019
3	10.79	-0.2	51	758	0	07:41:28	04-Jan-2019
4	29.95	-0.3	50	758	0	07:42:28	04-Jan-2019
5	26.68	-0.4	50	758	0	07:43:28	04-Jan-2019
6	24.59	-0.6	52	758	0	07:44:28	04-Jan-2019
7	40.34	-0.8	53	758	0	07:45:28	04-Jan-2019
8	30.25	-1	55	758	0	07:46:28	04-Jan-2019
9	60.46	-1.3	57	758	0	07:47:28	04-Jan-2019
10	26.16	-1.5	58	758	0	07:48:28	04-Jan-2019
11	26.32	-1.7	59	758	0	07:49:28	04-Jan-2019
12	27.78	-1.9	59	758	0	07:50:28	04-Jan-2019
13	32.5	-2.1	60	758	0	07:51:28	04-Jan-2019
14	40.47	-2.2	61	758	0	07:52:28	04-Jan-2019
15	43.56	-2.4	62	758	0	07:53:28	04-Jan-2019
16	13.11	-2.6	62	758	0	07:54:28	04-Jan-2019
17	22.51	-2.8	61	756	0	07:55:28	04-Jan-2019
18	13.34	-3	62	756	0	07:56:28	04-Jan-2019
19	12.78	-3.2	62	758	0	07:57:28	04-Jan-2019
20	18.4	-3.4	62	758	0	07:58:28	04-Jan-2019
21	23.87	-3.5	63	758	0	07:59:28	04-Jan-2019
22	16.61	-3.7	64	758	0	08:00:28	04-Jan-2019
23	14.33	-3.9	65	758	0	08:01:28	04-Jan-2019
24	12.61	-4	65	758	0	08:02:28	04-Jan-2019
25	16.8	-4.2	65	758	0	08:03:28	04-Jan-2019
26	13.19	-4.4	66	758	0	08:04:28	04-Jan-2019
27	20.02	-4.5	66	758	0	08:05:28	04-Jan-2019
28	14.64	-4.7	67	758	0	08:06:28	04-Jan-2019
29	33.98	-4.8	68	758	0	08:07:28	04-Jan-2019
30	19.2	-5	69	758	0	08:08:28	04-Jan-2019
31	38.1	-5.1	70	758	0	08:09:28	04-Jan-2019

32	12.62	-5.3	71	758	0	08:10:28	04-Jan-2019
33	13.65	-5.4	72	758	0	08:11:28	04-Jan-2019
34	12.15	-5.5	73	758	0	08:12:28	04-Jan-2019
35	25.23	-5.7	74	758	0	08:13:28	04-Jan-2019
36	12.16	-5.8	75	758	0	08:14:28	04-Jan-2019
37	23.37	-5.9	76	758	0	08:15:28	04-Jan-2019
38	10.65	-6	77	758	0	08:16:28	04-Jan-2019
39	10.09	-6.1	78	758	0	08:17:28	04-Jan-2019
40	21.66	-6.2	78	758	0	08:18:28	04-Jan-2019
41	25.1	-6.3	79	758	0	08:19:28	04-Jan-2019
42	21.55	-6.3	81	758	0	08:20:28	04-Jan-2019
43	20.36	-6.4	81	758	0	08:21:28	04-Jan-2019
44	19.8	-6.5	82	758	0	08:22:28	04-Jan-2019
45	12.07	-6.5	83	758	0	08:23:28	04-Jan-2019
46	14.65	-6.6	84	758	0	08:24:28	04-Jan-2019
47	13.59	-6.6	85	758	0	08:25:28	04-Jan-2019
48	16.88	-6.6	86	758	0	08:26:28	04-Jan-2019
49	11.17	-6.6	87	758	0	08:27:28	04-Jan-2019
50	8.08	-6.6	87	758	0	08:28:28	04-Jan-2019
51	7.35	-6.6	87	758	0	08:29:28	04-Jan-2019
52	9.39	-6.6	87	758	0	08:30:28	04-Jan-2019
53	15.24	-6.6	87	758	0	08:31:28	04-Jan-2019
54	12.18	-6.6	88	758	0	08:32:28	04-Jan-2019
55	23.47	-6.6	88	758	0	08:33:28	04-Jan-2019
56	14.65	-6.6	88	758	0	08:34:28	04-Jan-2019
57	14.21	-6.6	88	758	0	08:35:28	04-Jan-2019
58	12.17	-6.5	89	758	0	08:36:28	04-Jan-2019
59	11.18	-6.5	89	758	0	08:37:28	04-Jan-2019
60	15.08	-6.5	88	758	0	08:38:28	04-Jan-2019
61	9.86	-6.4	88	758	0	08:39:28	04-Jan-2019
62	11.65	-6.4	88	758	0	08:40:28	04-Jan-2019
63	11.05	-6.4	88	758	0	08:41:28	04-Jan-2019
64	8.7	-6.3	88	758	0	08:42:28	04-Jan-2019
65	8.4	-6.3	88	758	0	08:43:28	04-Jan-2019
66	10.35	-6.3	88	758	0	08:44:28	04-Jan-2019
67	14.69	-6.3	88	758	0	08:45:28	04-Jan-2019
68	14.65	-6.2	88	758	0	08:46:28	04-Jan-2019
69	11.81	-6.2	88	758	0	08:47:28	04-Jan-2019
70	15.38	-6.2	88	758	0	08:48:28	04-Jan-2019
71	13.34	-6.1	87	758	0	08:49:28	04-Jan-2019
72	9.42	-6.1	88	758	0	08:50:28	04-Jan-2019
73	14.41	-6.1	89	758	0	08:51:28	04-Jan-2019
74	12.09	-6	89	758	0	08:52:28	04-Jan-2019
75	9.59	-6	89	758	0	08:53:28	04-Jan-2019
76	16.93	-6	88	758	0	08:54:28	04-Jan-2019
77	18.24	-5.9	87	758	0	08:55:28	04-Jan-2019
78	45.45	-5.9	87	758	0	08:56:28	04-Jan-2019
79	15.63	-5.8	87	758	0	08:57:28	04-Jan-2019
80	17.54	-5.8	87	758	0	08:58:28	04-Jan-2019
81	19.45	-5.8	87	758	0	08:59:28	04-Jan-2019
82	24.26	-5.7	86	758	0	09:00:28	04-Jan-2019
83	9.8	-5.7	86	758	0	09:01:28	04-Jan-2019
84	10.61	-5.7	86	758	0	09:02:28	04-Jan-2019
85	20.43	-5.6	86	758	0	09:03:28	04-Jan-2019
86	26.58	-5.6	85	758	0	09:04:28	04-Jan-2019

87	10.46	-5.5	86	758	0	09:05:28	04-Jan-2019
88	7.74	-5.5	85	758	0	09:06:28	04-Jan-2019
89	7.17	-5.5	85	758	0	09:07:28	04-Jan-2019
90	7.14	-5.5	85	758	0	09:08:28	04-Jan-2019
91	8.94	-5.4	85	758	0	09:09:28	04-Jan-2019
92	8.79	-5.4	85	758	0	09:10:28	04-Jan-2019
93	7.46	-5.4	85	758	0	09:11:28	04-Jan-2019
94	7.25	-5.3	84	758	0	09:12:28	04-Jan-2019
95	6.67	-5.3	85	758	0	09:13:28	04-Jan-2019
96	7.22	-5.3	85	758	0	09:14:28	04-Jan-2019
97	6.62	-5.2	84	758	0	09:15:28	04-Jan-2019
98	6.54	-5.2	84	758	0	09:16:28	04-Jan-2019
99	6.68	-5.2	84	758	0	09:17:28	04-Jan-2019
100	9.2	-5.1	84	758	0	09:18:28	04-Jan-2019
101	7.93	-5.1	84	758	0	09:19:28	04-Jan-2019
102	8.61	-5.1	84	758	0	09:20:28	04-Jan-2019
103	8.62	-5	84	758	0	09:21:28	04-Jan-2019
104	8.96	-5	83	758	0	09:22:28	04-Jan-2019
105	14.89	-5	83	758	0	09:23:28	04-Jan-2019
106	12.85	-4.9	83	758	0	09:24:28	04-Jan-2019
107	9.07	-4.9	84	758	0	09:25:28	04-Jan-2019
108	7.98	-4.9	83	758	0	09:26:28	04-Jan-2019
109	9.3	-4.9	83	758	0	09:27:28	04-Jan-2019
110	11.46	-4.8	83	758	0	09:28:28	04-Jan-2019
111	13.1	-4.8	83	758	0	09:29:28	04-Jan-2019
112	13.4	-4.7	83	758	0	09:30:28	04-Jan-2019
113	14.61	-4.7	83	758	0	09:31:28	04-Jan-2019
114	14.31	-4.7	83	758	0	09:32:28	04-Jan-2019
115	11.01	-4.6	83	758	0	09:33:28	04-Jan-2019
116	12.43	-4.6	83	758	0	09:34:28	04-Jan-2019
117	11.7	-4.5	83	758	0	09:35:28	04-Jan-2019
118	8.95	-4.5	83	758	0	09:36:28	04-Jan-2019
119	9.77	-4.5	82	758	0	09:37:28	04-Jan-2019
120	10.64	-4.4	81	758	0	09:38:28	04-Jan-2019
121	10.98	-4.4	82	758	0	09:39:28	04-Jan-2019
122	9.8	-4.3	82	758	0	09:40:28	04-Jan-2019
123	12.58	-4.3	82	758	0	09:41:28	04-Jan-2019
124	11.4	-4.2	81	758	0	09:42:28	04-Jan-2019
125	12.56	-4.2	80	758	0	09:43:28	04-Jan-2019
126	14.32	-4.2	80	758	0	09:44:28	04-Jan-2019
127	13.88	-4.1	80	758	0	09:45:28	04-Jan-2019
128	11.19	-4.1	80	758	0	09:46:28	04-Jan-2019
129	11.73	-4	80	758	0	09:47:28	04-Jan-2019
130	11.07	-4	80	758	0	09:48:28	04-Jan-2019
131	22.72	-3.9	79	758	0	09:49:28	04-Jan-2019
132	12.79	-3.9	79	758	0	09:50:28	04-Jan-2019
133	18.63	-3.9	79	758	0	09:51:28	04-Jan-2019
134	25.84	-3.8	79	758	0	09:52:28	04-Jan-2019
135	43.06	-3.8	79	758	0	09:53:28	04-Jan-2019
136	13.09	-3.8	80	758	0	09:54:28	04-Jan-2019
137	12.31	-3.7	79	758	0	09:55:28	04-Jan-2019
138	11.12	-3.7	79	758	0	09:56:28	04-Jan-2019
139	14.12	-3.6	78	758	0	09:57:28	04-Jan-2019
140	10.34	-3.6	79	758	0	09:58:28	04-Jan-2019
141	11.29	-3.6	78	758	0	09:59:28	04-Jan-2019

142	15.55	-3.5	78	758	0	10:00:28	04-Jan-2019
143	10.97	-3.5	79	758	0	10:01:28	04-Jan-2019
144	9.67	-3.4	78	758	0	10:02:28	04-Jan-2019
145	9.89	-3.4	78	758	0	10:03:28	04-Jan-2019
146	15.6	-3.3	77	758	0	10:04:28	04-Jan-2019
147	12.47	-3.3	77	758	0	10:05:28	04-Jan-2019
148	15.66	-3.3	77	758	0	10:06:28	04-Jan-2019
149	11.03	-3.2	77	758	0	10:07:28	04-Jan-2019
150	21.83	-3.2	76	758	0	10:08:28	04-Jan-2019
151	15.23	-3.1	76	758	0	10:09:28	04-Jan-2019
152	15.2	-3.1	76	758	0	10:10:28	04-Jan-2019
153	16.25	-3.1	76	758	0	10:11:28	04-Jan-2019
154	11.68	-3	76	758	0	10:12:28	04-Jan-2019
155	11.42	-3	75	758	0	10:13:28	04-Jan-2019
156	15.08	-2.9	76	758	0	10:14:28	04-Jan-2019
157	20.49	-2.9	76	758	0	10:15:28	04-Jan-2019
158	22.86	-2.9	76	758	0	10:16:28	04-Jan-2019
159	14.88	-2.8	75	758	0	10:17:28	04-Jan-2019
160	15.77	-2.8	75	758	0	10:18:28	04-Jan-2019
161	28.3	-2.7	75	758	0	10:19:28	04-Jan-2019
162	16.28	-2.7	75	758	0	10:20:28	04-Jan-2019
163	9.08	-2.7	75	758	0	10:21:28	04-Jan-2019
164	13.12	-2.6	74	758	0	10:22:28	04-Jan-2019
165	12.52	-2.6	75	758	0	10:23:28	04-Jan-2019
166	19.87	-2.5	74	758	0	10:24:28	04-Jan-2019
167	380.47	-2.5	74	758	0	10:25:28	04-Jan-2019
168	37.18	-2.5	74	758	0	10:26:28	04-Jan-2019
169	15.39	-2.4	74	758	0	10:27:28	04-Jan-2019
170	12.67	-2.4	73	758	0	10:28:28	04-Jan-2019
171	10.53	-2.4	73	758	0	10:29:28	04-Jan-2019
172	12.08	-2.3	73	758	0	10:30:28	04-Jan-2019
173	14.61	-2.3	73	758	0	10:31:28	04-Jan-2019
174	16.39	-2.3	73	758	0	10:32:28	04-Jan-2019
175	13.72	-2.2	74	758	0	10:33:28	04-Jan-2019
176	11.27	-2.2	73	758	0	10:34:28	04-Jan-2019
177	18.33	-2.2	73	758	0	10:35:28	04-Jan-2019
178	18.62	-2.1	73	756	0	10:36:28	04-Jan-2019
179	14.6	-2.1	73	756	0	10:37:28	04-Jan-2019
180	13.95	-2.1	73	756	0	10:38:28	04-Jan-2019
181	16.6	-2.1	72	758	0	10:39:28	04-Jan-2019
182	18.09	-2	72	758	0	10:40:28	04-Jan-2019
183	13.63	-2	72	756	0	10:41:28	04-Jan-2019
184	12.77	-2	71	756	0	10:42:28	04-Jan-2019
185	17.8	-1.9	71	758	0	10:43:28	04-Jan-2019
186	14.63	-1.9	72	758	0	10:44:28	04-Jan-2019
187	11.59	-1.9	72	756	0	10:45:28	04-Jan-2019
188	11.42	-1.8	72	756	0	10:46:28	04-Jan-2019
189	10.47	-1.8	72	756	0	10:47:28	04-Jan-2019
190	27.39	-1.8	72	756	0	10:48:28	04-Jan-2019
191	18.88	-1.7	73	756	0	10:49:28	04-Jan-2019
192	22.25	-1.7	72	756	0	10:50:28	04-Jan-2019
193	19.3	-1.6	71	756	0	10:51:28	04-Jan-2019
194	28	-1.6	71	756	0	10:52:28	04-Jan-2019
195	30.72	-1.6	71	756	0	10:53:28	04-Jan-2019
196	16.72	-1.6	72	756	0	10:54:28	04-Jan-2019

197	14.86	-1.5	71	756	0	10:55:28	04-Jan-2019
198	14.55	-1.5	71	756	0	10:56:28	04-Jan-2019
199	12.95	-1.4	70	756	0	10:57:28	04-Jan-2019
200	17	-1.4	70	756	0	10:58:28	04-Jan-2019
201	12.51	-1.4	70	756	0	10:59:28	04-Jan-2019
202	13.08	-1.3	69	756	0	11:00:28	04-Jan-2019
203	16.33	-1.3	69	756	0	11:01:28	04-Jan-2019
204	12.87	-1.3	69	756	0	11:02:28	04-Jan-2019
205	16.89	-1.2	69	756	0	11:03:28	04-Jan-2019
206	14	-1.2	71	756	0	11:04:28	04-Jan-2019
207	20.12	-1.2	69	756	0	11:05:28	04-Jan-2019
208	15.51	-1.2	69	756	0	11:06:28	04-Jan-2019
209	14.68	-1.1	69	756	0	11:07:28	04-Jan-2019
210	17.46	-1.1	68	756	0	11:08:28	04-Jan-2019
211	17.41	-1.1	69	756	0	11:09:28	04-Jan-2019
212	15.9	-1.1	68	756	0	11:10:28	04-Jan-2019
213	19.52	-1	69	756	0	11:11:28	04-Jan-2019
214	17.4	-1	69	756	0	11:12:28	04-Jan-2019
215	15.39	-1	68	756	0	11:13:28	04-Jan-2019
216	23.96	-1	68	756	0	11:14:28	04-Jan-2019
217	18.82	-0.9	68	756	0	11:15:28	04-Jan-2019
218	23.7	-0.9	68	756	0	11:16:28	04-Jan-2019
219	25.95	-0.9	68	756	0	11:17:28	04-Jan-2019
220	34.09	-0.8	68	756	0	11:18:28	04-Jan-2019
221	26.92	-0.8	66	756	0	11:19:28	04-Jan-2019
222	51.5	-0.8	65	756	0	11:20:28	04-Jan-2019
223	26.61	-0.8	65	756	0	11:21:28	04-Jan-2019
224	69.26	-0.7	64	756	0	11:22:28	04-Jan-2019
225	36.33	-0.7	65	756	0	11:23:28	04-Jan-2019
226	237.18	-0.7	65	756	0	11:24:28	04-Jan-2019
227	1271.35	-0.7	65	756	0	11:25:28	04-Jan-2019
228	84.17	-0.6	65	756	0	11:26:28	04-Jan-2019
229	35.26	-0.6	65	756	0	11:27:28	04-Jan-2019
230	17.31	-0.6	64	756	0	11:28:28	04-Jan-2019
231	24.79	-0.5	64	756	0	11:29:28	04-Jan-2019
232	31.5	-0.5	64	756	0	11:30:28	04-Jan-2019
233	29.24	-0.5	65	756	0	11:31:28	04-Jan-2019
234	27.03	-0.5	65	756	0	11:32:28	04-Jan-2019
235	24.05	-0.4	65	756	0	11:33:28	04-Jan-2019
236	32.46	-0.4	65	756	0	11:34:28	04-Jan-2019
237	28.98	-0.4	64	756	0	11:35:28	04-Jan-2019
238	33.23	-0.4	65	756	0	11:36:28	04-Jan-2019
239	24.16	-0.3	65	756	0	11:37:28	04-Jan-2019
240	34.02	-0.3	65	756	0	11:38:28	04-Jan-2019
241	82.86	-0.3	65	756	0	11:39:28	04-Jan-2019
242	60.65	-0.2	65	756	0	11:40:28	04-Jan-2019
243	91.49	-0.2	65	756	0	11:41:28	04-Jan-2019
244	32.45	-0.2	65	756	0	11:42:28	04-Jan-2019
245	23.98	-0.2	65	756	0	11:43:28	04-Jan-2019
246	40.31	-0.1	64	756	0	11:44:28	04-Jan-2019
247	25.49	-0.1	65	756	0	11:45:28	04-Jan-2019
248	29.56	0	65	756	0	11:46:28	04-Jan-2019
249	45.54	0	65	756	0	11:47:28	04-Jan-2019
250	26.17	0	65	756	0	11:48:28	04-Jan-2019
251	23.11	0	64	756	0	11:49:28	04-Jan-2019

252	27.49	0	64	756	0	11:50:28	04-Jan-2019
253	201.07	0	64	756	0	11:51:28	04-Jan-2019
254	203.86	0	64	756	0	11:52:28	04-Jan-2019
255	487.29	0	64	756	0	11:53:28	04-Jan-2019
256	458.66	0	64	756	0	11:54:28	04-Jan-2019
257	246.56	0.1	64	756	0	11:55:28	04-Jan-2019
258	340.91	0.1	64	756	0	11:56:28	04-Jan-2019
259	921.27	0.1	64	756	0	11:57:28	04-Jan-2019
260	254.44	0.1	64	756	0	11:58:28	04-Jan-2019
261	633.52	0.1	65	756	0	11:59:28	04-Jan-2019
262	241.11	0.2	64	756	0	12:00:28	04-Jan-2019
263	316.18	0.2	64	756	0	12:01:28	04-Jan-2019
264	61.49	0.2	64	756	0	12:02:28	04-Jan-2019
265	276.21	0.2	64	756	0	12:03:28	04-Jan-2019
266	22.55	0.3	63	756	0	12:04:28	04-Jan-2019
267	45.9	0.3	64	756	0	12:05:28	04-Jan-2019
268	409.64	0.3	64	756	0	12:06:28	04-Jan-2019
269	32.41	0.3	64	756	0	12:07:28	04-Jan-2019
270	31.98	0.4	63	756	0	12:08:28	04-Jan-2019
271	22.78	0.4	64	756	0	12:09:28	04-Jan-2019
272	17.65	0.4	64	756	0	12:10:28	04-Jan-2019
273	16.17	0.4	63	756	0	12:11:28	04-Jan-2019
274	16.85	0.5	63	756	0	12:12:28	04-Jan-2019
275	22.16	0.5	63	756	0	12:13:28	04-Jan-2019
276	18.4	0.5	63	756	0	12:14:28	04-Jan-2019
277	16.69	0.5	63	756	0	12:15:28	04-Jan-2019
278	16.31	0.5	64	756	0	12:16:28	04-Jan-2019
279	21.12	0.6	63	756	0	12:17:28	04-Jan-2019
280	16.54	0.6	63	756	0	12:18:28	04-Jan-2019
281	22.85	0.6	63	756	0	12:19:28	04-Jan-2019
282	19.98	0.6	64	756	0	12:20:28	04-Jan-2019
283	19.86	0.7	63	756	0	12:21:28	04-Jan-2019
284	15.89	0.7	63	756	0	12:22:28	04-Jan-2019
285	16.8	0.7	63	756	0	12:23:28	04-Jan-2019
286	23.03	0.7	63	756	0	12:24:28	04-Jan-2019
287	19.18	0.8	62	756	0	12:25:28	04-Jan-2019
288	17.25	0.8	63	756	0	12:26:28	04-Jan-2019
289	17.73	0.8	64	756	0	12:27:28	04-Jan-2019
290	18.65	0.8	63	756	0	12:28:28	04-Jan-2019
291	24.79	0.8	64	756	0	12:29:28	04-Jan-2019
292	25	0.8	63	756	0	12:30:28	04-Jan-2019
293	28.21	0.9	63	756	0	12:31:28	04-Jan-2019
294	62.73	0.9	63	756	0	12:32:28	04-Jan-2019
295	121.06	0.9	63	756	0	12:33:28	04-Jan-2019
296	55.24	0.9	63	756	0	12:34:28	04-Jan-2019
297	47.42	1	62	756	0	12:35:28	04-Jan-2019
298	31.37	1	62	756	0	12:36:28	04-Jan-2019
299	53.57	1	62	756	0	12:37:28	04-Jan-2019
300	55.64	1	62	756	0	12:38:28	04-Jan-2019
301	76.77	1	62	754	0	12:39:28	04-Jan-2019
302	34.54	1	63	756	0	12:40:28	04-Jan-2019
303	30.52	1.1	62	756	0	12:41:28	04-Jan-2019
304	34.4	1.1	62	754	0	12:42:28	04-Jan-2019
305	47.97	1.1	62	754	0	12:43:28	04-Jan-2019
306	24.69	1.1	63	756	0	12:44:28	04-Jan-2019

307	34.99	1.1	62	756	0	12:45:28	04-Jan-2019
308	60.79	1.1	62	754	0	12:46:28	04-Jan-2019
309	40.95	1.2	62	754	0	12:47:28	04-Jan-2019
310	28.07	1.2	62	754	0	12:48:28	04-Jan-2019
311	37.46	1.2	62	756	0	12:49:28	04-Jan-2019
312	36.74	1.2	62	754	0	12:50:28	04-Jan-2019
313	38.47	1.2	62	756	0	12:51:28	04-Jan-2019
314	28.82	1.2	62	756	0	12:52:28	04-Jan-2019
315	21.95	1.2	61	756	0	12:53:28	04-Jan-2019
316	28.63	1.2	61	756	0	12:54:28	04-Jan-2019
317	39.94	1.2	62	756	0	12:55:28	04-Jan-2019
318	42.81	1.2	62	754	0	12:56:28	04-Jan-2019
319	27.61	1.3	62	754	0	12:57:28	04-Jan-2019
320	23.58	1.3	62	754	0	12:58:28	04-Jan-2019
321	32.26	1.3	62	756	0	12:59:28	04-Jan-2019
322	22.88	1.3	62	756	0	13:00:28	04-Jan-2019
323	22.22	1.3	62	756	0	13:01:28	04-Jan-2019
324	23.73	1.3	62	756	0	13:02:28	04-Jan-2019
325	25.43	1.4	62	756	0	13:03:28	04-Jan-2019
326	24.43	1.4	62	756	0	13:04:28	04-Jan-2019
327	27.11	1.4	62	756	0	13:05:28	04-Jan-2019
328	37.21	1.4	61	756	0	13:06:28	04-Jan-2019
329	113.82	1.4	61	754	0	13:07:28	04-Jan-2019
330	82.68	1.5	61	756	0	13:08:28	04-Jan-2019
331	47.08	1.5	61	756	0	13:09:28	04-Jan-2019
332	31.72	1.5	62	756	0	13:10:28	04-Jan-2019
333	27.72	1.5	61	756	0	13:11:28	04-Jan-2019
334	27.4	1.6	61	754	0	13:12:28	04-Jan-2019
335	25.67	1.6	61	754	0	13:13:28	04-Jan-2019
336	29.14	1.6	61	754	0	13:14:28	04-Jan-2019
337	18.7	1.6	61	754	0	13:15:28	04-Jan-2019
338	32.28	1.6	61	754	0	13:16:28	04-Jan-2019
339	29.72	1.7	61	754	0	13:17:28	04-Jan-2019
340	33.03	1.7	62	756	0	13:18:28	04-Jan-2019
341	18.8	1.7	62	754	0	13:19:28	04-Jan-2019
342	58.07	1.8	61	754	0	13:20:28	04-Jan-2019
343	25.85	1.8	61	754	0	13:21:28	04-Jan-2019
344	22.65	1.8	62	754	0	13:22:28	04-Jan-2019
345	20.84	1.8	61	754	0	13:23:28	04-Jan-2019
346	26.59	1.9	61	754	0	13:24:28	04-Jan-2019
347	31.77	1.9	60	754	0	13:25:28	04-Jan-2019
348	26.11	1.9	60	754	0	13:26:28	04-Jan-2019
349	22.78	2	60	754	0	13:27:28	04-Jan-2019
350	36.95	2	61	754	0	13:28:28	04-Jan-2019
351	35.81	2	61	754	0	13:29:28	04-Jan-2019
352	27.45	2	61	754	0	13:30:28	04-Jan-2019
353	30.78	2.1	61	754	0	13:31:28	04-Jan-2019
354	39.06	2.1	61	754	0	13:32:28	04-Jan-2019
355	37.47	2.1	60	754	0	13:33:28	04-Jan-2019
356	35.64	2.1	60	754	0	13:34:28	04-Jan-2019
357	34.1	2.2	60	754	0	13:35:28	04-Jan-2019
358	62.4	2.2	60	754	0	13:36:28	04-Jan-2019
359	60.98	2.2	60	754	0	13:37:28	04-Jan-2019
360	26.8	2.3	60	754	0	13:38:28	04-Jan-2019
361	38.93	2.3	59	754	0	13:39:28	04-Jan-2019

362	52.38	2.3	60	754	0	13:40:28	04-Jan-2019
363	33	2.3	60	754	0	13:41:28	04-Jan-2019
364	25.66	2.4	60	754	0	13:42:28	04-Jan-2019
365	23.19	2.4	59	754	0	13:43:28	04-Jan-2019
366	34.21	2.4	59	754	0	13:44:28	04-Jan-2019
367	96.14	2.5	59	754	0	13:45:28	04-Jan-2019
368	54.65	2.5	60	754	0	13:46:28	04-Jan-2019
369	63.5	2.5	60	754	0	13:47:28	04-Jan-2019
370	66	2.5	60	754	0	13:48:28	04-Jan-2019
371	49.47	2.5	60	754	0	13:49:28	04-Jan-2019
372	72.72	2.6	60	754	0	13:50:28	04-Jan-2019
373	61.72	2.6	60	754	0	13:51:28	04-Jan-2019
374	61.49	2.6	60	754	0	13:52:28	04-Jan-2019
375	62.39	2.6	60	754	0	13:53:28	04-Jan-2019
376	58.57	2.6	59	754	0	13:54:28	04-Jan-2019
377	29.63	2.7	59	754	0	13:55:28	04-Jan-2019
378	21.36	2.7	59	754	0	13:56:28	04-Jan-2019
379	19.43	2.7	59	754	0	13:57:28	04-Jan-2019
380	21.76	2.7	58	754	0	13:58:28	04-Jan-2019
381	27.54	2.8	58	754	0	13:59:28	04-Jan-2019
382	29.97	2.8	59	754	0	14:00:28	04-Jan-2019
383	40.08	2.8	59	754	0	14:01:28	04-Jan-2019
384	60.78	2.8	59	754	0	14:02:28	04-Jan-2019
385	35.63	2.8	59	754	0	14:03:28	04-Jan-2019
386	26.89	2.9	59	754	0	14:04:28	04-Jan-2019
387	43.31	2.9	59	754	0	14:05:28	04-Jan-2019
388	87.74	2.9	58	754	0	14:06:28	04-Jan-2019
389	168.59	2.9	59	754	0	14:07:28	04-Jan-2019
390	41.58	2.9	59	754	0	14:08:28	04-Jan-2019
391	45.8	2.9	59	754	0	14:09:28	04-Jan-2019
392	42.01	2.9	60	754	0	14:10:28	04-Jan-2019
393	30.16	2.9	59	754	0	14:11:28	04-Jan-2019
394	21.46	2.9	59	754	0	14:12:28	04-Jan-2019
395	45.74	2.9	59	754	0	14:13:28	04-Jan-2019
396	49.63	3	59	754	0	14:14:28	04-Jan-2019
397	52.17	3	58	754	0	14:15:28	04-Jan-2019
398	33.2	3	59	754	0	14:16:28	04-Jan-2019
399	25.01	3	59	754	0	14:17:28	04-Jan-2019

>"Model Number"	"PDR-1500"	1.34
Serial no.	"0115249940"	
Tag Number	2	
Start Time	07:37:16	
Start Date	04-Jan-2019	
Log Period	00:01:00	
Number	399	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNITS	C	
RH CORRECT	"ENABLED "	
Max Disp	78.721209	
Max Disp @	07:45:07 04-Jan-2019	
Max STEL	29.146094	
Max STEL @	13:49:06 04-Jan-2019	
Avg point	15.210415	
ALARM	"DISABLED"	
ALARM_LEVEL(mg)	0	
Errors	0	
Inlet Type "TOTAL "		
FlowRate	1.2	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressure	Flags		
1	7.73	0.4	48	756	1	07:38:16	04-Jan-2019
2	8.77	0.5	45	756	0	07:39:16	04-Jan-2019
3	8.18	0.6	43	756	0	07:40:16	04-Jan-2019
4	8.82	0.5	41	756	0	07:41:16	04-Jan-2019
5	9.37	0.4	41	756	0	07:42:16	04-Jan-2019
6	10.13	0.3	41	756	0	07:43:16	04-Jan-2019
7	25.21	0.1	41	756	0	07:44:16	04-Jan-2019
8	73.95	0	41	756	0	07:45:16	04-Jan-2019
9	18.32	-0.3	42	756	0	07:46:16	04-Jan-2019
10	17.09	-0.5	43	756	0	07:47:16	04-Jan-2019
11	15.33	-0.8	44	756	0	07:48:16	04-Jan-2019
12	22.23	-1	45	756	0	07:49:16	04-Jan-2019
13	20.92	-1.3	46	756	0	07:50:16	04-Jan-2019
14	17.91	-1.5	48	756	0	07:51:16	04-Jan-2019
15	25.43	-1.7	49	756	0	07:52:16	04-Jan-2019
16	15.35	-2	49	756	0	07:53:16	04-Jan-2019
17	17.25	-2.2	49	756	0	07:54:16	04-Jan-2019
18	21.38	-2.4	49	756	0	07:55:16	04-Jan-2019
19	26.69	-2.6	49	756	0	07:56:16	04-Jan-2019
20	15.05	-2.8	50	756	0	07:57:16	04-Jan-2019
21	16.21	-3.1	51	756	0	07:58:16	04-Jan-2019
22	14.76	-3.3	51	756	0	07:59:16	04-Jan-2019
23	16.66	-3.5	52	756	0	08:00:16	04-Jan-2019
24	15.69	-3.7	53	756	0	08:01:16	04-Jan-2019
25	13.58	-3.9	54	756	0	08:02:16	04-Jan-2019
26	11.84	-4.1	54	756	0	08:03:16	04-Jan-2019
27	17.04	-4.2	54	756	0	08:04:16	04-Jan-2019
28	17.94	-4.4	54	756	0	08:05:16	04-Jan-2019
29	13.91	-4.6	54	756	0	08:06:16	04-Jan-2019
30	13.04	-4.8	55	756	0	08:07:16	04-Jan-2019
31	14.65	-5	55	756	0	08:08:16	04-Jan-2019
32	21.59	-5.2	56	756	0	08:09:16	04-Jan-2019
33	17.03	-5.3	56	756	0	08:10:16	04-Jan-2019
34	12.52	-5.5	58	756	0	08:11:16	04-Jan-2019
35	12.69	-5.6	59	756	0	08:12:16	04-Jan-2019

36	16.01	-5.7	58	756	0	08:13:16	04-Jan-2019
37	15.78	-5.9	56	756	0	08:14:16	04-Jan-2019
38	16.62	-6	56	756	0	08:15:16	04-Jan-2019
39	16.54	-6.1	57	756	0	08:16:16	04-Jan-2019
40	14.7	-6.2	58	756	0	08:17:16	04-Jan-2019
41	15.67	-6.4	59	756	0	08:18:16	04-Jan-2019
42	24.55	-6.5	60	756	0	08:19:16	04-Jan-2019
43	24.31	-6.5	61	756	0	08:20:16	04-Jan-2019
44	18.88	-6.6	62	756	0	08:21:16	04-Jan-2019
45	17.44	-6.7	65	756	0	08:22:16	04-Jan-2019
46	14.56	-6.8	67	756	0	08:23:16	04-Jan-2019
47	16.76	-6.8	66	756	0	08:24:16	04-Jan-2019
48	23.83	-6.9	66	756	0	08:25:16	04-Jan-2019
49	11.2	-7	74	756	0	08:26:16	04-Jan-2019
50	11.38	-7	70	756	0	08:27:16	04-Jan-2019
51	10.95	-7	69	756	0	08:28:16	04-Jan-2019
52	8.93	-7	73	756	0	08:29:16	04-Jan-2019
53	8.65	-7.1	75	756	0	08:30:16	04-Jan-2019
54	8.38	-7.1	78	756	0	08:31:16	04-Jan-2019
55	9.34	-7.1	76	756	0	08:32:16	04-Jan-2019
56	13.56	-7.1	72	756	0	08:33:16	04-Jan-2019
57	13.92	-7.1	71	756	0	08:34:16	04-Jan-2019
58	11.83	-7.1	71	756	0	08:35:16	04-Jan-2019
59	10.21	-7.1	76	756	0	08:36:16	04-Jan-2019
60	12.88	-7.1	73	756	0	08:37:16	04-Jan-2019
61	11.5	-7	79	756	0	08:38:16	04-Jan-2019
62	9.41	-7	74	756	0	08:39:16	04-Jan-2019
63	8.37	-7	80	756	0	08:40:16	04-Jan-2019
64	8.14	-7	79	756	0	08:41:16	04-Jan-2019
65	12.32	-6.9	77	756	0	08:42:16	04-Jan-2019
66	9.45	-6.9	80	756	0	08:43:16	04-Jan-2019
67	26.17	-6.9	78	756	0	08:44:16	04-Jan-2019
68	16.92	-6.9	80	756	0	08:45:16	04-Jan-2019
69	14.44	-6.8	78	756	0	08:46:16	04-Jan-2019
70	13.95	-6.8	75	756	0	08:47:16	04-Jan-2019
71	11.54	-6.8	72	756	0	08:48:16	04-Jan-2019
72	13.51	-6.7	72	756	0	08:49:16	04-Jan-2019
73	13.78	-6.7	72	756	0	08:50:16	04-Jan-2019
74	11.01	-6.7	72	756	0	08:51:16	04-Jan-2019
75	9.14	-6.6	72	756	0	08:52:16	04-Jan-2019
76	13.7	-6.6	72	756	0	08:53:16	04-Jan-2019
77	13.49	-6.5	72	756	0	08:54:16	04-Jan-2019
78	10.62	-6.5	72	756	0	08:55:16	04-Jan-2019
79	11.61	-6.5	72	756	0	08:56:16	04-Jan-2019
80	15.18	-6.4	72	756	0	08:57:16	04-Jan-2019
81	17.18	-6.4	72	756	0	08:58:16	04-Jan-2019
82	14.14	-6.4	72	756	0	08:59:16	04-Jan-2019
83	15.13	-6.3	72	756	0	09:00:16	04-Jan-2019
84	11.58	-6.3	72	756	0	09:01:16	04-Jan-2019
85	9.37	-6.2	72	756	0	09:02:16	04-Jan-2019
86	12.3	-6.2	72	756	0	09:03:16	04-Jan-2019
87	20	-6.1	71	756	0	09:04:16	04-Jan-2019
88	10.56	-6.1	71	756	0	09:05:16	04-Jan-2019
89	8.55	-6	71	756	0	09:06:16	04-Jan-2019
90	8.45	-6	71	756	0	09:07:16	04-Jan-2019
91	8.56	-6	71	756	0	09:08:16	04-Jan-2019
92	8.44	-5.9	71	756	0	09:09:16	04-Jan-2019
93	8.49	-5.9	72	756	0	09:10:16	04-Jan-2019
94	8.07	-5.8	73	756	0	09:11:16	04-Jan-2019

95	7.61	-5.8	75	756	0	09:12:16	04-Jan-2019
96	7.45	-5.7	75	756	0	09:13:16	04-Jan-2019
97	8.02	-5.7	74	756	0	09:14:16	04-Jan-2019
98	7.59	-5.6	74	756	0	09:15:16	04-Jan-2019
99	7.46	-5.6	75	756	0	09:16:16	04-Jan-2019
100	8.38	-5.6	75	756	0	09:17:16	04-Jan-2019
101	9.42	-5.5	75	756	0	09:18:16	04-Jan-2019
102	9.38	-5.5	75	756	0	09:19:16	04-Jan-2019
103	10.25	-5.4	75	756	0	09:20:16	04-Jan-2019
104	9.24	-5.4	74	756	0	09:21:16	04-Jan-2019
105	7.79	-5.4	75	756	0	09:22:16	04-Jan-2019
106	8.49	-5.3	75	756	0	09:23:16	04-Jan-2019
107	7.23	-5.2	76	756	0	09:24:16	04-Jan-2019
108	8.85	-5.2	75	756	0	09:25:16	04-Jan-2019
109	10.14	-5.2	75	756	0	09:26:16	04-Jan-2019
110	9.02	-5.1	75	756	0	09:27:16	04-Jan-2019
111	8.98	-5	75	756	0	09:28:16	04-Jan-2019
112	8.17	-5	75	756	0	09:29:16	04-Jan-2019
113	19.95	-4.9	74	756	0	09:30:16	04-Jan-2019
114	18.14	-4.8	74	756	0	09:31:16	04-Jan-2019
115	11.6	-4.7	73	756	0	09:32:16	04-Jan-2019
116	10.89	-4.7	73	756	0	09:33:16	04-Jan-2019
117	8.99	-4.6	73	756	0	09:34:16	04-Jan-2019
118	9.13	-4.5	74	756	0	09:35:16	04-Jan-2019
119	8.5	-4.4	73	756	0	09:36:16	04-Jan-2019
120	8.37	-4.3	72	756	0	09:37:16	04-Jan-2019
121	8.66	-4.2	72	756	0	09:38:16	04-Jan-2019
122	8.83	-4	72	756	0	09:39:16	04-Jan-2019
123	11.19	-3.9	71	756	0	09:40:16	04-Jan-2019
124	10.8	-3.8	71	756	0	09:41:16	04-Jan-2019
125	9.46	-3.7	70	756	0	09:42:16	04-Jan-2019
126	10.51	-3.5	69	756	0	09:43:16	04-Jan-2019
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128	10.2	-3.3	68	756	0	09:45:16	04-Jan-2019
129	8.68	-3.2	68	756	0	09:46:16	04-Jan-2019
130	8.91	-3	67	756	0	09:47:16	04-Jan-2019
131	11.31	-2.9	67	756	0	09:48:16	04-Jan-2019
132	19.91	-2.7	66	756	0	09:49:16	04-Jan-2019
133	21.16	-2.6	65	756	0	09:50:16	04-Jan-2019
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135	12.1	-2.4	64	756	0	09:52:16	04-Jan-2019
136	11.31	-2.3	64	756	0	09:53:16	04-Jan-2019
137	10.5	-2.1	64	756	0	09:54:16	04-Jan-2019
138	10.98	-2	63	756	0	09:55:16	04-Jan-2019
139	15.16	-1.9	62	756	0	09:56:16	04-Jan-2019
140	10.48	-1.8	61	756	0	09:57:16	04-Jan-2019
141	9.32	-1.7	61	756	0	09:58:16	04-Jan-2019
142	9.01	-1.6	60	756	0	09:59:16	04-Jan-2019
143	16.98	-1.5	60	756	0	10:00:16	04-Jan-2019
144	14.45	-1.4	60	756	0	10:01:16	04-Jan-2019
145	9.65	-1.2	59	756	0	10:02:16	04-Jan-2019
146	9.84	-1.1	59	756	0	10:03:16	04-Jan-2019
147	9.19	-1	58	756	0	10:04:16	04-Jan-2019
148	9.18	-0.9	58	756	0	10:05:16	04-Jan-2019
149	8.95	-0.8	57	756	0	10:06:16	04-Jan-2019
150	11.47	-0.7	57	756	0	10:07:16	04-Jan-2019
151	13.9	-0.6	57	756	0	10:08:16	04-Jan-2019
152	9.94	-0.4	56	756	0	10:09:16	04-Jan-2019
153	10.65	-0.3	56	756	0	10:10:16	04-Jan-2019

154	8.97	-0.2	55	756	0	10:11:16	04-Jan-2019
155	10.7	-0.1	54	756	0	10:12:16	04-Jan-2019
156	14.7	0	54	756	0	10:13:16	04-Jan-2019
157	12.78	0	54	756	0	10:14:16	04-Jan-2019
158	13.46	0.1	54	756	0	10:15:16	04-Jan-2019
159	13.01	0.2	54	756	0	10:16:16	04-Jan-2019
160	11.79	0.2	54	756	0	10:17:16	04-Jan-2019
161	12.37	0.3	53	756	0	10:18:16	04-Jan-2019
162	10.42	0.4	53	756	0	10:19:16	04-Jan-2019
163	10.02	0.5	53	756	0	10:20:16	04-Jan-2019
164	9.37	0.6	52	756	0	10:21:16	04-Jan-2019
165	10.3	0.7	52	756	0	10:22:16	04-Jan-2019
166	12.04	0.8	52	756	0	10:23:16	04-Jan-2019
167	10.5	0.9	51	756	0	10:24:16	04-Jan-2019
168	10.09	1	51	756	0	10:25:16	04-Jan-2019
169	16.55	1.1	51	756	0	10:26:16	04-Jan-2019
170	9.87	1.2	50	756	0	10:27:16	04-Jan-2019
171	9.4	1.3	49	756	0	10:28:16	04-Jan-2019
172	9.92	1.4	49	756	0	10:29:16	04-Jan-2019
173	12.72	1.4	49	756	0	10:30:16	04-Jan-2019
174	11.47	1.5	49	756	0	10:31:16	04-Jan-2019
175	12.79	1.6	49	756	0	10:32:16	04-Jan-2019
176	11.72	1.7	48	756	0	10:33:16	04-Jan-2019
177	15.26	1.8	48	756	0	10:34:16	04-Jan-2019
178	13.01	1.9	48	756	0	10:35:16	04-Jan-2019
179	12.75	2	47	756	0	10:36:16	04-Jan-2019
180	13.35	2.1	47	756	0	10:37:16	04-Jan-2019
181	12.73	2.2	47	756	0	10:38:16	04-Jan-2019
182	11.24	2.3	47	756	0	10:39:16	04-Jan-2019
183	11.35	2.4	46	756	0	10:40:16	04-Jan-2019
184	11.79	2.5	46	756	0	10:41:16	04-Jan-2019
185	10.69	2.7	46	756	0	10:42:16	04-Jan-2019
186	10.31	2.8	45	756	0	10:43:16	04-Jan-2019
187	9.78	2.9	45	756	0	10:44:16	04-Jan-2019
188	10.31	3	45	756	0	10:45:16	04-Jan-2019
189	9.99	3.2	45	756	0	10:46:16	04-Jan-2019
190	11.28	3.3	44	756	0	10:47:16	04-Jan-2019
191	13.18	3.4	44	756	0	10:48:16	04-Jan-2019
192	15.22	3.5	44	756	0	10:49:16	04-Jan-2019
193	12.65	3.6	43	756	0	10:50:16	04-Jan-2019
194	10.19	3.7	42	756	0	10:51:16	04-Jan-2019
195	11.76	3.8	42	756	0	10:52:16	04-Jan-2019
196	12.72	3.9	42	754	0	10:53:16	04-Jan-2019
197	9.75	3.9	42	754	0	10:54:16	04-Jan-2019
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199	10.74	4.1	41	756	0	10:56:16	04-Jan-2019
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201	10.37	4.3	41	756	0	10:58:16	04-Jan-2019
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203	11.36	4.4	40	754	0	11:00:16	04-Jan-2019
204	11.43	4.5	40	754	0	11:01:16	04-Jan-2019
205	11.19	4.5	40	754	0	11:02:16	04-Jan-2019
206	12.03	4.6	40	756	0	11:03:16	04-Jan-2019
207	12.24	4.6	40	754	0	11:04:16	04-Jan-2019
208	12.71	4.7	39	756	0	11:05:16	04-Jan-2019
209	11.76	4.7	39	754	0	11:06:16	04-Jan-2019
210	10.9	4.7	39	756	0	11:07:16	04-Jan-2019
211	11	4.8	39	756	0	11:08:16	04-Jan-2019
212	10.73	4.8	39	754	0	11:09:16	04-Jan-2019

213	11.76	4.8	39	756	0	11:10:16	04-Jan-2019
214	13.47	4.8	39	754	0	11:11:16	04-Jan-2019
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216	11.79	4.8	39	754	0	11:13:16	04-Jan-2019
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218	12.15	4.9	39	754	0	11:15:16	04-Jan-2019
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220	12.7	4.9	38	754	0	11:17:16	04-Jan-2019
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223	17.69	4.9	38	754	0	11:20:16	04-Jan-2019
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226	10.56	4.9	38	754	0	11:23:16	04-Jan-2019
227	12.4	4.8	38	754	0	11:24:16	04-Jan-2019
228	19.46	4.8	38	754	0	11:25:16	04-Jan-2019
229	15.28	4.8	38	754	0	11:26:16	04-Jan-2019
230	14.5	4.8	38	754	0	11:27:16	04-Jan-2019
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232	11.17	4.8	39	754	0	11:29:16	04-Jan-2019
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237	13.85	4.9	39	754	0	11:34:16	04-Jan-2019
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239	12.02	4.9	39	754	0	11:36:16	04-Jan-2019
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242	10.95	4.9	39	754	0	11:39:16	04-Jan-2019
243	11.93	5	39	754	0	11:40:16	04-Jan-2019
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245	10.93	5	39	754	0	11:42:16	04-Jan-2019
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249	13.22	5	38	754	0	11:46:16	04-Jan-2019
250	13.67	5	39	754	0	11:47:16	04-Jan-2019
251	12.29	5	39	754	0	11:48:16	04-Jan-2019
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253	12.92	5.1	39	754	0	11:50:16	04-Jan-2019
254	11.9	5.1	39	754	0	11:51:16	04-Jan-2019
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266	16.78	5.2	38	754	0	12:03:16	04-Jan-2019
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272	13.25	5.2	39	754	0	12:09:16	04-Jan-2019
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274	12.01	5.2	39	754	0	12:11:16	04-Jan-2019
275	12.88	5.2	39	754	0	12:12:16	04-Jan-2019
276	16.43	5.2	39	754	0	12:13:16	04-Jan-2019
277	13.96	5.2	39	754	0	12:14:16	04-Jan-2019
278	13.16	5.2	39	754	0	12:15:16	04-Jan-2019
279	14.9	5.2	39	754	0	12:16:16	04-Jan-2019
280	13.77	5.2	39	754	0	12:17:16	04-Jan-2019
281	13.6	5.2	39	754	0	12:18:16	04-Jan-2019
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284	14.22	5.2	39	754	0	12:21:16	04-Jan-2019
285	12.99	5.2	39	754	0	12:22:16	04-Jan-2019
286	12.02	5.2	39	754	0	12:23:16	04-Jan-2019
287	19.24	5.2	39	754	0	12:24:16	04-Jan-2019
288	13.97	5.2	39	754	0	12:25:16	04-Jan-2019
289	11.83	5.2	39	754	0	12:26:16	04-Jan-2019
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293	17.21	5.3	40	754	0	12:30:16	04-Jan-2019
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296	34.84	5.3	39	754	0	12:33:16	04-Jan-2019
297	18.43	5.3	39	754	0	12:34:16	04-Jan-2019
298	15.39	5.3	39	754	0	12:35:16	04-Jan-2019
299	12.63	5.3	39	754	0	12:36:16	04-Jan-2019
300	44.9	5.3	39	754	0	12:37:16	04-Jan-2019
301	17.12	5.3	39	754	0	12:38:16	04-Jan-2019
302	19.02	5.3	39	754	0	12:39:16	04-Jan-2019
303	14.39	5.3	39	754	0	12:40:16	04-Jan-2019
304	15.6	5.3	38	754	0	12:41:16	04-Jan-2019
305	15.41	5.2	38	754	0	12:42:16	04-Jan-2019
306	16.39	5.2	38	754	0	12:43:16	04-Jan-2019
307	15.45	5.2	39	754	0	12:44:16	04-Jan-2019
308	24.83	5.2	39	754	0	12:45:16	04-Jan-2019
309	15.63	5.2	39	754	0	12:46:16	04-Jan-2019
310	17.52	5.2	39	754	0	12:47:16	04-Jan-2019
311	15.78	5.2	39	754	0	12:48:16	04-Jan-2019
312	19.37	5.1	39	754	0	12:49:16	04-Jan-2019
313	16.06	5.1	39	754	0	12:50:16	04-Jan-2019
314	15.77	5.1	39	754	0	12:51:16	04-Jan-2019
315	18.15	5.1	39	754	0	12:52:16	04-Jan-2019
316	15.91	5.2	39	754	0	12:53:16	04-Jan-2019
317	14.26	5.2	39	754	0	12:54:16	04-Jan-2019
318	20.64	5.2	39	754	0	12:55:16	04-Jan-2019
319	21.85	5.2	39	754	0	12:56:16	04-Jan-2019
320	23.03	5.2	39	754	0	12:57:16	04-Jan-2019
321	18.13	5.2	39	754	0	12:58:16	04-Jan-2019
322	16.15	5.2	39	754	0	12:59:16	04-Jan-2019
323	14.42	5.2	39	754	0	13:00:16	04-Jan-2019
324	14.88	5.2	39	754	0	13:01:16	04-Jan-2019
325	14.14	5.3	39	754	0	13:02:16	04-Jan-2019
326	13.98	5.3	39	754	0	13:03:16	04-Jan-2019
327	14.6	5.4	39	754	0	13:04:16	04-Jan-2019
328	19.06	5.4	39	754	0	13:05:16	04-Jan-2019
329	14.77	5.4	39	754	0	13:06:16	04-Jan-2019
330	13.16	5.4	38	754	0	13:07:16	04-Jan-2019

331	17.79	5.4	38	754	0	13:08:16	04-Jan-2019
332	21.32	5.4	38	754	0	13:09:16	04-Jan-2019
333	20.04	5.4	39	754	0	13:10:16	04-Jan-2019
334	16.98	5.4	39	754	0	13:11:16	04-Jan-2019
335	15.04	5.4	39	754	0	13:12:16	04-Jan-2019
336	15.49	5.5	39	754	0	13:13:16	04-Jan-2019
337	17.19	5.5	39	754	0	13:14:16	04-Jan-2019
338	13.45	5.5	39	754	0	13:15:16	04-Jan-2019
339	19.79	5.5	39	754	0	13:16:16	04-Jan-2019
340	19.57	5.5	38	754	0	13:17:16	04-Jan-2019
341	19.48	5.5	39	754	0	13:18:16	04-Jan-2019
342	17.74	5.5	39	754	0	13:19:16	04-Jan-2019
343	21.06	5.5	39	754	0	13:20:16	04-Jan-2019
344	24.11	5.5	39	754	0	13:21:16	04-Jan-2019
345	15.78	5.6	39	754	0	13:22:16	04-Jan-2019
346	14.61	5.6	39	754	0	13:23:16	04-Jan-2019
347	23.81	5.6	39	754	0	13:24:16	04-Jan-2019
348	22.29	5.6	39	754	0	13:25:16	04-Jan-2019
349	18.72	5.7	39	754	0	13:26:16	04-Jan-2019
350	23.48	5.7	39	754	0	13:27:16	04-Jan-2019
351	24.52	5.7	39	754	0	13:28:16	04-Jan-2019
352	28.16	5.7	39	754	0	13:29:16	04-Jan-2019
353	19.26	5.7	39	754	0	13:30:16	04-Jan-2019
354	21.21	5.7	39	754	0	13:31:16	04-Jan-2019
355	21.15	5.7	39	754	0	13:32:16	04-Jan-2019
356	23.11	5.7	39	754	0	13:33:16	04-Jan-2019
357	22.43	5.7	39	754	0	13:34:16	04-Jan-2019
358	40.91	5.7	39	754	0	13:35:16	04-Jan-2019
359	25.44	5.7	39	754	0	13:36:16	04-Jan-2019
360	28.46	5.7	39	754	0	13:37:16	04-Jan-2019
361	20.25	5.7	40	754	0	13:38:16	04-Jan-2019
362	24.89	5.8	39	754	0	13:39:16	04-Jan-2019
363	31.85	5.8	39	754	0	13:40:16	04-Jan-2019
364	44.1	5.8	39	754	0	13:41:16	04-Jan-2019
365	19.41	5.8	39	754	0	13:42:16	04-Jan-2019
366	16.42	5.8	39	754	0	13:43:16	04-Jan-2019
367	26.43	5.8	39	754	0	13:44:16	04-Jan-2019
368	51.04	5.9	39	754	0	13:45:16	04-Jan-2019
369	31.78	5.8	39	754	0	13:46:16	04-Jan-2019
370	27.07	5.8	38	754	0	13:47:16	04-Jan-2019
371	22.84	5.8	38	754	0	13:48:16	04-Jan-2019
372	26.09	5.8	38	754	0	13:49:16	04-Jan-2019
373	27.93	5.8	39	754	0	13:50:16	04-Jan-2019
374	24.97	5.7	39	754	0	13:51:16	04-Jan-2019
375	24.51	5.7	39	754	0	13:52:16	04-Jan-2019
376	26.11	5.7	39	752	0	13:53:16	04-Jan-2019
377	19.42	5.7	39	754	0	13:54:16	04-Jan-2019
378	17.49	5.6	39	754	0	13:55:16	04-Jan-2019
379	15.97	5.6	39	754	0	13:56:16	04-Jan-2019
380	14.78	5.6	39	754	0	13:57:16	04-Jan-2019
381	17.7	5.6	39	754	0	13:58:16	04-Jan-2019
382	19.86	5.6	39	754	0	13:59:16	04-Jan-2019
383	24.62	5.6	39	752	0	14:00:16	04-Jan-2019
384	25.71	5.5	39	754	0	14:01:16	04-Jan-2019
385	29.62	5.5	40	752	0	14:02:16	04-Jan-2019
386	16.93	5.5	40	752	0	14:03:16	04-Jan-2019
387	14.52	5.5	40	752	0	14:04:16	04-Jan-2019
388	20.8	5.5	40	754	0	14:05:16	04-Jan-2019
389	14.95	5.4	40	754	0	14:06:16	04-Jan-2019

390	14.8	5.4	40	754	0	14:07:16	04-Jan-2019
391	33.68	5.4	40	754	0	14:08:16	04-Jan-2019
392	27.38	5.4	40	754	0	14:09:16	04-Jan-2019
393	19.28	5.4	40	754	0	14:10:16	04-Jan-2019
394	16.53	5.4	40	754	0	14:11:16	04-Jan-2019
395	19.76	5.4	40	754	0	14:12:16	04-Jan-2019
396	43.96	5.4	40	754	0	14:13:16	04-Jan-2019
397	35.97	5.4	40	754	0	14:14:16	04-Jan-2019
398	21.12	5.4	40	754	0	14:15:16	04-Jan-2019
399	18.11	5.4	40	754	0	14:16:16	04-Jan-2019

>"Model Number"	"PDR-1500"	1.34
Serial no.	"CM15111014"	
Tag Number	0	
Start Time	08:17:06	
Start Date	14-Mar-2019	
Log Period	00:01:00	
Number	49	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNITS	C	
RH CORRECT	"ENABLED "	
Max Disp	55.107508	
Max Disp @	08:46:42 14-Mar-2019	
Max STEL	42.229104	
Max STEL @	08:57:16 14-Mar-2019	
Avg point	34.49091	
ALARM	"DISABLED"	
ALARM_LEVEL(mg)	0	
Errors	0	
Inlet Type "TOTAL "		
FlowRate	1.2	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPress	Flags		
1	24.54	4	59	766	0	08:18:06	14-Mar-2019
2	26.89	4.3	57	766	0	08:19:06	14-Mar-2019
3	25.9	4.4	56	766	0	08:20:06	14-Mar-2019
4	29.83	4.5	56	766	0	08:21:06	14-Mar-2019
5	29.83	4.6	56	766	0	08:22:06	14-Mar-2019
6	30.63	4.6	56	766	0	08:23:06	14-Mar-2019
7	30.05	4.6	56	766	0	08:24:06	14-Mar-2019
8	30.28	4.5	56	764	0	08:25:06	14-Mar-2019
9	29.79	4.4	56	764	0	08:26:06	14-Mar-2019
10	28.12	4.4	56	764	0	08:27:06	14-Mar-2019
11	30.83	4.3	56	764	0	08:28:06	14-Mar-2019
12	49.93	4.2	56	766	0	08:29:06	14-Mar-2019
13	31.26	4.1	56	764	0	08:30:06	14-Mar-2019
14	29.53	4.1	57	764	0	08:31:06	14-Mar-2019
15	33.34	4	57	764	0	08:32:06	14-Mar-2019
16	32.12	3.9	58	764	0	08:33:06	14-Mar-2019
17	32.24	3.8	58	764	0	08:34:06	14-Mar-2019
18	32.16	3.7	58	764	0	08:35:06	14-Mar-2019
19	26.61	3.6	59	764	0	08:36:06	14-Mar-2019
20	29.04	3.5	59	764	0	08:37:06	14-Mar-2019
21	29.02	3.4	58	764	0	08:38:06	14-Mar-2019
22	28.1	3.3	60	764	0	08:39:06	14-Mar-2019
23	28.93	3.3	59	764	0	08:40:06	14-Mar-2019
24	28.85	3.2	60	764	0	08:41:06	14-Mar-2019
25	29.94	3.1	61	764	0	08:42:06	14-Mar-2019
26	33.63	3	61	764	0	08:43:06	14-Mar-2019
27	35.61	2.9	61	764	0	08:44:06	14-Mar-2019
28	44.26	2.9	61	764	0	08:45:06	14-Mar-2019
29	50.7	2.8	61	764	0	08:46:06	14-Mar-2019
30	49.15	2.8	61	764	0	08:47:06	14-Mar-2019
31	45.97	2.7	61	764	0	08:48:06	14-Mar-2019

32	42	2.6	62	764	0	08:49:06	14-Mar-2019
33	41.29	2.6	62	764	0	08:50:06	14-Mar-2019
34	48.42	2.6	62	764	0	08:51:06	14-Mar-2019
35	40.91	2.5	62	764	0	08:52:06	14-Mar-2019
36	40.88	2.5	62	764	0	08:53:06	14-Mar-2019
37	38.85	2.4	62	764	0	08:54:06	14-Mar-2019
38	47.97	2.4	63	764	0	08:55:06	14-Mar-2019
39	39.01	2.4	63	764	0	08:56:06	14-Mar-2019
40	34.53	2.3	63	764	0	08:57:06	14-Mar-2019
41	28.77	2.3	64	764	0	08:58:06	14-Mar-2019
42	32.17	2.3	64	764	0	08:59:06	14-Mar-2019
43	32.01	2.2	64	764	0	09:00:06	14-Mar-2019
44	32.23	2.2	64	764	0	09:01:06	14-Mar-2019
45	29.93	2.2	64	764	0	09:02:06	14-Mar-2019
46	31.83	2.1	64	764	0	09:03:06	14-Mar-2019
47	41.78	2.1	64	764	0	09:04:06	14-Mar-2019
48	35.86	2.1	64	764	0	09:05:06	14-Mar-2019
49	34.53	2.1	64	764	0	09:06:06	14-Mar-2019

>"Model Number"	"PDR-1500"	1.34
Serial no.	"CM15441076"	
Tag Number	0	
Start Time	08:16:43	
Start Date	14-Mar-2019	
Log Period	00:01:00	
Number	49	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNITS	C	
RH CORRECT	"ENABLED "	
Max Disp	30.025275	
Max Disp @	08:38:11 14-Mar-2019	
Max STEL	25.210872	
Max STEL @	08:50:23 14-Mar-2019	
Avg point	24.493363	
ALARM	"DISABLED"	
ALARM_LEVEL(mg)	0	
Errors	0	
Inlet Type "TOTAL "		
FlowRate	1.2	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPress	Flags		
1	21.89	2.3	63	764	0	08:17:43	14-Mar-2019
2	22.86	2.5	61	766	0	08:18:43	14-Mar-2019
3	23.26	2.7	60	766	0	08:19:43	14-Mar-2019
4	23.72	2.8	59	766	0	08:20:43	14-Mar-2019
5	23.97	2.9	59	766	0	08:21:43	14-Mar-2019
6	24.29	2.9	59	764	0	08:22:43	14-Mar-2019
7	23.99	2.9	58	766	0	08:23:43	14-Mar-2019
8	24.24	2.9	58	766	0	08:24:43	14-Mar-2019
9	24.14	2.9	58	766	0	08:25:43	14-Mar-2019
10	25.09	2.8	59	764	0	08:26:43	14-Mar-2019
11	25.2	2.7	59	764	0	08:27:43	14-Mar-2019
12	25.71	2.7	59	766	0	08:28:43	14-Mar-2019
13	24.17	2.6	60	764	0	08:29:43	14-Mar-2019
14	24.36	2.5	61	764	0	08:30:43	14-Mar-2019
15	23.79	2.4	61	764	0	08:31:43	14-Mar-2019
16	24.56	2.3	60	764	0	08:32:43	14-Mar-2019
17	23.68	2.2	61	764	0	08:33:43	14-Mar-2019
18	23	2.2	61	764	0	08:34:43	14-Mar-2019
19	22.82	2.1	62	764	0	08:35:43	14-Mar-2019
20	25.37	2	62	764	0	08:36:43	14-Mar-2019
21	27.76	1.9	62	764	0	08:37:43	14-Mar-2019
22	27.94	1.8	62	764	0	08:38:43	14-Mar-2019
23	25.24	1.8	62	764	0	08:39:43	14-Mar-2019
24	25.79	1.7	62	764	0	08:40:43	14-Mar-2019
25	24.13	1.6	63	764	0	08:41:43	14-Mar-2019
26	24.6	1.6	63	764	0	08:42:43	14-Mar-2019
27	26.07	1.5	62	764	0	08:43:43	14-Mar-2019
28	24.18	1.5	62	764	0	08:44:43	14-Mar-2019
29	23.82	1.5	63	764	0	08:45:43	14-Mar-2019
30	23.28	1.4	62	766	0	08:46:43	14-Mar-2019
31	25.52	1.4	63	764	0	08:47:43	14-Mar-2019

32	25.25	1.4	63	764	0	08:48:43	14-Mar-2019
33	25.23	1.4	63	764	0	08:49:43	14-Mar-2019
34	23.54	1.4	63	764	0	08:50:43	14-Mar-2019
35	23.77	1.4	63	764	0	08:51:43	14-Mar-2019
36	23.54	1.3	64	764	0	08:52:43	14-Mar-2019
37	23.04	1.3	64	764	0	08:53:43	14-Mar-2019
38	26.3	1.3	64	764	0	08:54:43	14-Mar-2019
39	26.32	1.3	64	764	0	08:55:43	14-Mar-2019
40	23.93	1.3	64	764	0	08:56:43	14-Mar-2019
41	23.95	1.3	63	764	0	08:57:43	14-Mar-2019
42	23.6	1.4	63	764	0	08:58:43	14-Mar-2019
43	24.7	1.4	63	764	0	08:59:43	14-Mar-2019
44	24.36	1.4	63	764	0	09:00:43	14-Mar-2019
45	24.02	1.3	64	764	0	09:01:43	14-Mar-2019
46	25.44	1.3	64	764	0	09:02:43	14-Mar-2019
47	23.93	1.3	63	764	0	09:03:43	14-Mar-2019
48	25.62	1.4	64	766	0	09:04:43	14-Mar-2019
49	25.19	1.4	64	764	0	09:05:43	14-Mar-2019

ATTACHMENT C

ANALYTICAL REPORT

Lab Number:	L1900573
Client:	Sterling Environmental Eng 24 Wade Road Latham, NY 12110
ATTN:	Tom Johnson
Phone:	(518) 456-4900
Project Name:	NORTHEAST TREATERS
Project Number:	2014-08
Report Date:	01/11/19

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: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1900573-01	STOCKPILE #1	SOIL	796 SCHOHARIE TURNPIKE, ATHENS, NY	01/04/19 11:00	01/04/19

Project Name: NORTHEAST TREATERS **Lab Number:** L1900573
Project Number: 2014-30 **Report Date:** 01/11/19

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: NORTHEAST TREATERS **Lab Number:** L1900573
Project Number: 2014-30 **Report Date:** 01/11/19

Case Narrative (continued)

Report Submission

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

Sample Receipt

L1900573-01: The sample was received in an inappropriate container for the Gasoline Range Organics analysis.

Diesel Range Organics

The WG1195748-3 Laboratory Duplicate RPD (22%), performed on L1900573-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

TCLP Metals

The WG1196460-3 MS recovery for calcium (56%), performed on L1900573-01, does not apply because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 01/11/19

ORGANICS

VOLATILES

Project Name: NORTHEAST TREATERS **Lab Number:** L1900573

Project Number: 2014-30 **Report Date:** 01/11/19

SAMPLE RESULTS

Lab ID: L1900573-01 Date Collected: 01/04/19 11:00

Client ID: STOCKPILE #1 Date Received: 01/04/19

Sample Location: 796 SCHOHARIE TURNPIKE, ATHENS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260C

Analytical Date: 01/08/19 09:44

Analyst: MM

Percent Solids: 90%

TCLP/SPLP Ext. Date: 01/07/19 11:39

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	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
dibromofluoromethane	101		70-130

Project Name: NORTHEAST TREATERS
Project Number: 2014-30
Lab Number: L1900573
Report Date: 01/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/19 07:12
Analyst: MM
TCLP/SPLP Extraction Date: 01/07/19 11:39
Extraction Date: 01/07/19 11:39

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1195626-5					
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	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: NORTHEAST TREATERS
Project Number: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1195626-3 WG1195626-4								
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		25
1,2-Dichloroethane	100		100		70-130	0		20
Benzene	110		100		70-130	10		25
Vinyl chloride	100		100		55-140	0		20
1,1-Dichloroethene	100		100		61-145	0		25
Trichloroethene	100		100		70-130	0		25
1,4-Dichlorobenzene	100		99		70-130	1		20
2-Butanone	110		120		63-138	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	106		103		70-130
dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: NORTHEAST TREATERS
Lab Number: L1900573
Project Number: 2014-30
Report Date: 01/11/19

SAMPLE RESULTS

Lab ID: L1900573-01
Client ID: STOCKPILE #1
Sample Location: 796 SCHOHARIE TURNPIKE, ATHENS, NY

Date Collected: 01/04/19 11:00
Date Received: 01/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/08/19 11:17
Analyst: EK
Percent Solids: 90%
TCLP/SPLP Ext. Date: 01/06/19 17:46

Extraction Method: EPA 3510C
Extraction Date: 01/07/19 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	84		33-120

Project Name: NORTHEAST TREATERS
Project Number: 2014-30
Lab Number: L1900573
Report Date: 01/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/08/19 07:55
Analyst: EK
TCLP/SPLP Extraction Date: 01/06/19 17:46

Extraction Method: EPA 3510C
Extraction Date: 01/07/19 15:08

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1195446-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	88		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: NORTHEAST TREATERS
Project Number: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1195446-2 WG1195446-3								
Hexachlorobenzene	101		103		40-140	2		30
2,4-Dinitrotoluene	121		120		40-132	1		30
Hexachlorobutadiene	103		104		28-111	1		30
Hexachloroethane	87		84		21-105	4		30
Nitrobenzene	97		97		40-140	0		30
2,4,6-Trichlorophenol	110		115		30-130	4		30
Pentachlorophenol	**118**	Q	**120**	Q	9-103	2		30
2-Methylphenol	88		90		30-130	2		30
3-Methylphenol/4-Methylphenol	90		87		30-130	3		30
2,4,5-Trichlorophenol	112		121		30-130	8		30
Pyridine	32		18		10-66	**56**	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		85		21-120
Phenol-d6	81		83		10-120
Nitrobenzene-d5	100		104		23-120
2-Fluorobiphenyl	91		92		15-120
2,4,6-Tribromophenol	100		105		10-120
4-Terphenyl-d14	92		90		33-120

PETROLEUM HYDROCARBONS

Project Name: NORTHEAST TREATERS
Lab Number: L1900573
Project Number: 2014-30
Report Date: 01/11/19

SAMPLE RESULTS

Lab ID: L1900573-01
Client ID: STOCKPILE #1
Sample Location: 796 SCHOHARIE TURNPIKE, ATHENS, NY

Date Collected: 01/04/19 11:00
Date Received: 01/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 01/09/19 00:56
Analyst: DG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 01/08/19 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	120000		ug/kg	35000	2000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		40-140

Project Name: NORTHEAST TREATERS
Lab Number: L1900573
Project Number: 2014-30
Report Date: 01/11/19

SAMPLE RESULTS

Lab ID: L1900573-01
Client ID: STOCKPILE #1
Sample Location: 796 SCHOHARIE TURNPIKE, ATHENS, NY

Date Collected: 01/04/19 11:00
Date Received: 01/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 01/09/19 14:38
Analyst: MZ
Percent Solids: 90%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	850	J	ug/kg	2400	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	110		70-130

Project Name: NORTHEAST TREATERS
Project Number: 2014-30
Lab Number: L1900573
Report Date: 01/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 01/08/19 23:17
Analyst: DG

Extraction Method: EPA 3546
Extraction Date: 01/08/19 13:25

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 01 Batch: WG1195748-1					
DRO (C10-C28)	4000	J	ug/kg	33000	1800

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	89		40-140

Project Name: NORTHEAST TREATERS
Project Number: 2014-30
Lab Number: L1900573
Report Date: 01/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 01/09/19 09:51
Analyst: MZ

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01 Batch: WG1196334-4					
Gasoline Range Organics	950	J	ug/kg	2500	48.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	107		70-130
4-Bromofluorobenzene	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab	Associated sample(s): 01		Batch: WG1195748-2					
DRO (C10-C28)	102		-		60-140	-		

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	87				40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab	Associated sample(s): 01		Batch: WG1196334-2 WG1196334-3					
Gasoline Range Organics	105		104		80-120	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	112		109		70-130
4-Bromofluorobenzene	112		111		70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: NORTHEAST TREATERS
Project Number: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1195748-3 QC Sample: L1900573-01 Client ID: STOCKPILE #1						
DRO (C10-C28)	120000	150000	ug/kg	**22**	Q	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	81		84		40-140

PCBS

Project Name: NORTHEAST TREATERS
Lab Number: L1900573
Project Number: 2014-30
Report Date: 01/11/19

SAMPLE RESULTS

Lab ID: L1900573-01
Client ID: STOCKPILE #1
Sample Location: 796 SCHOHARIE TURNPIKE, ATHENS, NY

Date Collected: 01/04/19 11:00
Date Received: 01/04/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/19 04:31
Analyst: HT
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 01/07/19 09:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 01/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.53	1	A
Aroclor 1242	ND		ug/kg	35.5	4.79	1	A
Aroclor 1248	ND		ug/kg	35.5	5.33	1	A
Aroclor 1254	ND		ug/kg	35.5	3.89	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	ND		ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: NORTHEAST TREATERS
Project Number: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/08/19 07:19
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 01/07/19 06:21
Cleanup Method: EPA 3665A
Cleanup Date: 01/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 01/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1195268-1						
Aroclor 1016	ND		ug/kg	31.7	2.82	A
Aroclor 1221	ND		ug/kg	31.7	3.18	A
Aroclor 1232	ND		ug/kg	31.7	6.72	A
Aroclor 1242	ND		ug/kg	31.7	4.28	A
Aroclor 1248	ND		ug/kg	31.7	4.76	A
Aroclor 1254	ND		ug/kg	31.7	3.47	A
Aroclor 1260	ND		ug/kg	31.7	5.86	A
Aroclor 1262	ND		ug/kg	31.7	4.03	A
Aroclor 1268	ND		ug/kg	31.7	3.29	A
PCBs, Total	ND		ug/kg	31.7	2.82	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1195268-2 WG1195268-3									
Aroclor 1016	85		80		40-140	6		50	A
Aroclor 1260	80		79		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		89		30-150	A
Decachlorobiphenyl	97		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		97		30-150	B
Decachlorobiphenyl	100		103		30-150	B

METALS

Project Name: NORTHEAST TREATERS **Lab Number:** L1900573

Project Number: 2014-30 **Report Date:** 01/11/19

SAMPLE RESULTS

Lab ID: L1900573-01 Date Collected: 01/04/19 11:00

Client ID: STOCKPILE #1 Date Received: 01/04/19

Sample Location: 796 SCHOHARIE TURNPIKE, ATHENS, NY Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 01/06/19 17:46

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Aluminum, TCLP	51.7		mg/l	1.00	0.318	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Antimony, TCLP	ND		mg/l	0.500	0.071	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Arsenic, TCLP	0.056	J	mg/l	1.00	0.019	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Barium, TCLP	1.39		mg/l	0.500	0.021	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Beryllium, TCLP	ND		mg/l	0.100	0.009	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Calcium, TCLP	704		mg/l	5.00	0.350	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Chromium, TCLP	0.060	J	mg/l	0.200	0.021	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Cobalt, TCLP	0.028	J	mg/l	0.200	0.017	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Copper, TCLP	0.051	J	mg/l	0.200	0.022	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Iron, TCLP	32.2		mg/l	0.500	0.090	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Magnesium, TCLP	43.8		mg/l	1.00	0.153	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Manganese, TCLP	3.06		mg/l	0.100	0.016	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	01/10/19 12:17	01/10/19 18:39	EPA 7470A	1,7470A	MG
Nickel, TCLP	0.053	J	mg/l	0.500	0.024	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Potassium, TCLP	24.1	J	mg/l	25.0	2.37	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Thallium, TCLP	ND		mg/l	0.200	0.025	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Vanadium, TCLP	0.085	J	mg/l	0.100	0.020	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB
Zinc, TCLP	0.134	J	mg/l	0.500	0.021	1	01/10/19 13:46	01/10/19 16:47	EPA 3015	1,6010D	AB

Project Name: NORTHEAST TREATERS **Lab Number:** L1900573

Project Number: 2014-30 **Report Date:** 01/11/19

Method Blank Analysis
Batch Quality Control

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): 01 Batch: WG1196425-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	01/10/19 12:17	01/10/19 18:30	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 01/06/19 17:46

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): 01 Batch: WG1196460-1										
Aluminum, TCLP	ND		mg/l	1.00	0.318	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Antimony, TCLP	ND		mg/l	0.500	0.071	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Arsenic, TCLP	0.021	J	mg/l	1.00	0.019	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Barium, TCLP	0.052	J	mg/l	0.500	0.021	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Beryllium, TCLP	ND		mg/l	0.100	0.009	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Calcium, TCLP	0.703	J	mg/l	5.00	0.350	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Cobalt, TCLP	ND		mg/l	0.200	0.017	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Copper, TCLP	ND		mg/l	0.200	0.022	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Iron, TCLP	ND		mg/l	0.500	0.090	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Magnesium, TCLP	ND		mg/l	1.00	0.153	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Manganese, TCLP	ND		mg/l	0.100	0.016	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Nickel, TCLP	ND		mg/l	0.500	0.024	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Potassium, TCLP	ND		mg/l	25.0	2.37	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Thallium, TCLP	ND		mg/l	0.200	0.025	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Vanadium, TCLP	ND		mg/l	0.100	0.020	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB
Zinc, TCLP	0.041	J	mg/l	0.500	0.021	1	01/10/19 13:46	01/10/19 16:17	1,6010D	AB

Project Name: NORTHEAST TREATERS
Project Number: 2014-30
Lab Number: L1900573
Report Date: 01/11/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 01/06/19 17:46

Lab Control Sample Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1196425-2								
Mercury, TCLP	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1196460-2					
Aluminum, TCLP	93	-	75-125	-	20
Antimony, TCLP	93	-	75-125	-	20
Arsenic, TCLP	102	-	75-125	-	20
Barium, TCLP	88	-	75-125	-	20
Beryllium, TCLP	89	-	75-125	-	20
Cadmium, TCLP	96	-	75-125	-	20
Calcium, TCLP	92	-	75-125	-	20
Chromium, TCLP	92	-	75-125	-	20
Cobalt, TCLP	87	-	75-125	-	20
Copper, TCLP	89	-	75-125	-	20
Iron, TCLP	95	-	75-125	-	20
Lead, TCLP	89	-	75-125	-	20
Magnesium, TCLP	86	-	75-125	-	20
Manganese, TCLP	86	-	75-125	-	20
Nickel, TCLP	86	-	75-125	-	20
Potassium, TCLP	93	-	75-125	-	20
Selenium, TCLP	98	-	75-125	-	20
Silver, TCLP	92	-	75-125	-	20
Thallium, TCLP	81	-	75-125	-	20
Vanadium, TCLP	96	-	75-125	-	20
Zinc, TCLP	98	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: NORTHEAST TREATERS
Project Number: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1196425-3 QC Sample: L1900487-14 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0242	97		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: NORTHEAST TREATERS
Project Number: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

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): 01 QC Batch ID: WG1196460-3 QC Sample: L1900573-01 Client ID: STOCKPILE #1										
Aluminum, TCLP	51.7	20	68.3	83		-	-	75-125	-	20
Antimony, TCLP	ND	5	4.50	90		-	-	75-125	-	20
Arsenic, TCLP	0.056J	1.2	1.22	102		-	-	75-125	-	20
Barium, TCLP	1.39	20	18.4	85		-	-	75-125	-	20
Beryllium, TCLP	ND	0.5	0.428	86		-	-	75-125	-	20
Cadmium, TCLP	ND	0.51	0.467	92		-	-	75-125	-	20
Calcium, TCLP	704	100	760	**56**	Q	-	-	75-125	-	20
Chromium, TCLP	0.060J	2	1.85	92		-	-	75-125	-	20
Cobalt, TCLP	0.028J	5	4.19	84		-	-	75-125	-	20
Copper, TCLP	0.051J	2.5	2.24	90		-	-	75-125	-	20
Iron, TCLP	32.2	10	41.1	89		-	-	75-125	-	20
Lead, TCLP	ND	5.1	4.31	84		-	-	75-125	-	20
Magnesium, TCLP	43.8	100	123	79		-	-	75-125	-	20
Manganese, TCLP	3.06	5	7.08	80		-	-	75-125	-	20
Nickel, TCLP	0.053J	5	4.16	83		-	-	75-125	-	20
Potassium, TCLP	24.1J	100	113	113		-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.13	94		-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.459	92		-	-	75-125	-	20
Thallium, TCLP	ND	1.2	0.918	76		-	-	75-125	-	20
Vanadium, TCLP	0.085J	5	4.79	96		-	-	75-125	-	20
Zinc, TCLP	0.134J	5	4.74	95		-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1196425-4 QC Sample: L1900487-14 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: NORTHEAST TREATERS
Project Number: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1196460-4 QC Sample: L1900573-01 Client ID: STOCKPILE #1					
Aluminum, TCLP	51.7	46.7	mg/l	10	20
Antimony, TCLP	ND	ND	mg/l	NC	20
Arsenic, TCLP	0.056J	0.065J	mg/l	NC	20
Barium, TCLP	1.39	1.30	mg/l	7	20
Beryllium, TCLP	ND	ND	mg/l	NC	20
Cadmium, TCLP	ND	ND	mg/l	NC	20
Calcium, TCLP	704	664	mg/l	6	20
Chromium, TCLP	0.060J	0.058J	mg/l	NC	20
Cobalt, TCLP	0.028J	0.026J	mg/l	NC	20
Copper, TCLP	0.051J	0.049J	mg/l	NC	20
Iron, TCLP	32.2	29.3	mg/l	9	20
Lead, TCLP	ND	ND	mg/l	NC	20
Magnesium, TCLP	43.8	40.8	mg/l	7	20
Manganese, TCLP	3.06	2.90	mg/l	5	20
Nickel, TCLP	0.053J	0.049J	mg/l	NC	20
Potassium, TCLP	24.1J	21.8J	mg/l	NC	20
Selenium, TCLP	ND	ND	mg/l	NC	20
Silver, TCLP	ND	ND	mg/l	NC	20
Thallium, TCLP	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1196460-4 QC Sample: L1900573-01 Client ID: STOCKPILE #1					
Vanadium, TCLP	0.085J	0.077J	mg/l	NC	20
Zinc, TCLP	0.134J	0.125J	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: NORTHEAST TREATERS
Project Number: 2014-30
Lab Number: L1900573
Report Date: 01/11/19

SAMPLE RESULTS

Lab ID: L1900573-01
Client ID: STOCKPILE #1
Sample Location: 796 SCHOHARIE TURNPIKE, ATHENS, NY
Sample Depth:
Matrix: Soil

Date Collected: 01/04/19 11:00
Date Received: 01/04/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	01/08/19 13:26	121,2540G	RI
pH (H)	8.2		SU	-	NA	1	-	01/07/19 19:21	1,9045D	AS

Lab Control Sample Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1195506-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-30

Lab Number: L1900573

Report Date: 01/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1195506-2 QC Sample: L1900647-01 Client ID: DUP Sample						
pH	6.4	6.4	SU	0		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1195724-1 QC Sample: L1900705-01 Client ID: DUP Sample						
Solids, Total	87.6	88.7	%	1		20

Project Name: NORTHEAST TREATERS
Project Number: 2014-30

Lab Number: L1900573
Report Date: 01/11/19

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(*)
L1900573-01A	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1900573-01B	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		TPH-GRO(14)
L1900573-01C	Vial Large Septa unpreserved (4oz)	A	NA		3.2	Y	Absent		TCLP-EXT-ZHE(14)
L1900573-01D	Glass 500ml/16oz unpreserved	A	NA		3.2	Y	Absent		TPH-DRO(14),PH-9045(1),NYTCL-8082(14)
L1900573-01O	Vial unpreserved Extracts	A	NA		3.2	Y	Absent		TCLP-VOA(14)
L1900573-01P	Vial unpreserved Extracts	A	NA		3.2	Y	Absent		TCLP-VOA(14)
L1900573-01Q	Vial MeOH preserved split	A	NA		3.2	Y	Absent		TPH-GRO(14)
L1900573-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.2	Y	Absent		BE-CI(180),CD-CI(180),V-CI(180),AS-CI(180),BA-CI(180),CA-CI(180),NI-CI(180),AL-CI(180),CU-CI(180),HG-C(28),MN-CI(180),PB-CI(180),ZN-CI(180),CO-CI(180),FE-CI(180),TL-CI(180),CR-CI(180),K-CI(180),MG-CI(180),SE-CI(180),AG-CI(180),SB-CI(180)
L1900573-01Y	Amber 1000ml unpreserved Extracts	A	NA		3.2	Y	Absent		TCLP-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L1900573
Project Number:	2014-30	**Report Date:**	01/11/19

GLOSSARY

Acronyms

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.
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.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample¿s toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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.

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

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

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

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L1900573
Project Number:	2014-30	**Report Date:**	01/11/19

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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

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

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

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

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

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

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

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

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.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L1900573
Project Number:	2014-30	**Report Date:**	01/11/19

REFERENCES

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

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

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**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

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

Page 1 of 1

Date Rec'd in Lab: 1/4/19

ALPHA Job #: L1900573

Client Information
Client: STERLING
Address: 24 WADE ROAD
LATHAM, NEW YORK 12110
Phone: 518-456-4900
Fax: 518-456-3532
Email: SEE BELOW

Project Information
Project Name: NORTHEAST TREATERS
Project Location: 796 SCHUYLER TUNPIKE, ATHENS NY
Project # 2014-30
(Use Project name as Project #) ☐
Project Manager: THOMAS JOHNSON
ALPHAQuote #: N/A

Turn-Around Time
Standard ☒ Due Date: STANDARD
Rush (only if pre approved) ☐ # of Days: T.A.T.

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

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

Billing Information
☐ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
THOMAS JOHNSON@STERLINGENVIRONMENTAL.COM
STEFAN TRUEXC STERLING ENVIRONMENTAL.COM

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCLP-8260	TCLP-8270	TOTAL-PCBs	TCLP-DRO	TCLP-GRO	TS, pH	TCLP-TAL-Metals		Sample Specific Comments	Total Bottles
00573-01	STOCKPILE #1	1/4/19	11:00 AM	SOIL	ST	X	X	X	X	X	X	X			4

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	A	A	A	A	P	A	
Preservative	A	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
	1/4/2019 1605		
1/4/19 1610		1/4/19	1/4/19 1605

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)

ATTACHMENT D

Colonie Landfill
OP BY CAPITAL REGION LANDFILLS
1319 Loudon Road
Cohoes, New York 12047

Weighed: Haley R
Deposit: Haley R
BILL TO: 783
NORTHEAST TREATERS OF NY LLC
796 SCHOHARIE TPKE
ATHENS NY 12015

Vehicle ID:
Reference: TOC-19-012
Grid: L6P1
Ship To: NORTHEAST TREATERS OF NY
Manifest#: 796 SCHOHARIE TPKE
PO#: ATHENS, NY 10701

Origin: ATHENS
DATE IN: 03/14/2019 TIME IN: 10:43:59
DATE OUT: 03/14/2019 TIME OUT: 11:00:08

INBOUND TICKET Number: 02-00431381

SCALE 1 GROSS WT.	50480	LB
SCALE 2 TARE WT.	26640	LB
NET WEIGHT	23840	LB

Qty	Description	Amount
11.92	Petro Cont. Soil	381.44

TICKET AMOUNT: 381.44

X_____

Phone: (518)783-2827 Fax: (518)786-7331
Operating hours 7AM to 3PM Monday thru Friday and Saturday 7AM thru 12PM. This is to certify that this load contains no hazardous materials, medical waste or liquids of any type. All loads must be properly contained (Tied & Tarped)
All Cash, Check, and Credit Card transactions are final.

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	n/a	1	800-451-8984	031419 - S1

GENERATOR

5. Generator's Name and Mailing Address

Northeast Treaters of New York, LLC
796 Schoharie Turnpike
Athens, NY 10701

Generator's Phone: 518-945-2660

Generator's Site Address (if different than mailing address): (Same)

6. Transporter 1 Company Name: MC Environmental Services, Inc.

U.S. EPA ID Number: NYR000021071

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Colonie Landfill
1319 New Loudon Road
Cohoes, NY 12047 USA

U.S. EPA ID Number: n/a

Facility's Phone: 518-783-2627

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-RCRA, NON DOT-REGULATED NONE NONE	1	DT	11.92	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

9.1 Contaminated Soils

APPROVAL #: TOC-19-012

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: James Fitzgerald — Signature — Month: 3 Day: 14 Year: 19

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brian Flanagan — Signature — Month: 3 Day: 14 Year: 19

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Haley Aidala — Signature — Month: 03 Day: 14 Year: 19

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion, and/or Ownership

Required by 6NYCRR Part 375-1.11(d) and 375-1.9(f)

To be submitted at least 60 days prior to change of use to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation, 625 Broadway
Albany NY 12233-7020

I. Site Name: Northeast Treaters of New York, LLC **DEC Site ID No.** #C420029

II. Contact Information of Person Submitting Notification:

Name: Thomas M. Johnson on behalf of Rob Collette (General Manager)

Address1: Sterling Environmental Engineering, P.C. on behalf of NE Treaters

Address2: 24 Wade Road, Latham, NY 12110

Phone: 518-456-4900 E-mail: Thomas.Johnson@SterlingEnvironmental.com

III. Type of Change and Date: Indicate the Type of Change(s) (check all that apply):

- ☐ Change in Ownership or Change in Remedial Party(ies)
- ☐ Transfer of Certificate of Completion (CoC)
- ☑ Other (e.g., any physical alteration or other change of use)

Proposed Date of Change (mm/dd/yyyy): Dec 28, 2018

IV. Description: Describe proposed change(s) indicated above and attach maps, drawings, and/or parcel information.

Installation of an aboveground outfeed deck to handle treated lumber. The deck will require installation of concrete pier footings through the existing protective cover, and removal and disposal of approximately 5 cubic yards of potentially impacted soil. See attached description for additional details.

If "Other," the description must explain and advise the Department how such change may or may not affect the site's proposed, ongoing, or completed remedial program (attach additional sheets if needed).

The holes for the pier footings to be installed for the outfeed deck will penetrate the protective cover. Each hole will be filled with concrete, and the area around each pier will be patched with asphalt, as needed, which will restore the integrity of the protective cover. The project does not change the completed Brownfield engineering controls in any other way.

V. Certification Statement: Where the change of use results in a change in ownership or in responsibility for the proposed, ongoing, or completed remedial program for the site, the following certification must be completed (by owner or designated representative; see §375-1.11(d)(3)(i)):

I hereby certify that the prospective purchaser and/or remedial party has been provided a copy of any order, agreement, Site Management Plan, or State Assistance Contract regarding the Site's remedial program as well as a copy of all approved remedial work plans and reports.

Name: _____ _____
(Signature) (Date)

_____
(Print Name)

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

VI. Contact Information for New Owner, Remedial Party, or CoC Holder: If the site will be sold or there will be a new remedial party, identify the prospective owner(s) or party(ies) along with contact information. If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/ECs), indicate who will be the certifying party (attach additional sheets if needed).

☐ Prospective Owner ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

Certifying Party Name: _____

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

VII. Agreement to Notify DEC after Transfer: If Section VI applies, and all or part of the site will be sold, a letter to notify the DEC of the completion of the transfer must be provided. If the current owner is also the holder of the CoC for the site, the CoC should be transferred to the new owner using DEC's form found at http://www.dec.ny.gov/chemical/54736.html. This form has its own filing requirements (see 6NYCRR Part 375-1.9(f)).

Signing below indicates that these notices will be provided to the DEC within the specified time frames. If the sale of the site also includes the transfer of a CoC, the DEC agrees to accept the notice given in VII.3 below in satisfaction of the notice required by VII.1 below (which normally must be submitted within 15 days of the sale of the site).

Within 30 days of the sale of the site, I agree to submit to the DEC:

1. the name and contact information for the new owner(s) (see §375-1.11(d)(3)(ii));
2. the name and contact information for any owner representative; and
3. a notice of transfer using the DEC's form found at http://www.dec.ny.gov/chemical/54736.html (see §375-1.9(f)).

Name: _____ _____

(Signature) (Date)

_____

(Print Name)

Address1: _____

Address2: _____

Phone: _____ E-mail: _____

Continuation Sheet

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ______________________________

Address1: ______________________________

Address2: ______________________________

Phone: ______________ E-mail: ______________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ______________________________

Address1: ______________________________

Address2: ______________________________

Phone: ______________ E-mail: ______________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ______________________________

Address1: ______________________________

Address2: ______________________________

Phone: ______________ E-mail: ______________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ______________________________

Address1: ______________________________

Address2: ______________________________

Phone: ______________ E-mail: ______________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ______________________________

Address1: ______________________________

Address2: ______________________________

Phone: ______________ E-mail: ______________

☐ Prospective Owner/Holder ☐ Prospective Remedial Party ☐ Prospective Owner Representative

Name: ______________________________

Address1: ______________________________

Address2: ______________________________

Phone: ______________ E-mail: ______________

New York State Department of Environmental Conservation

Instructions for Completing the 60-Day Advance Notification of Site Change of Use, Transfer of Certificate of Completion (CoC), and/or Ownership Form

Submit to: Chief, Site Control Section, New York State Department of Environmental Conservation, Division of Environmental Remediation, 625 Broadway, Albany NY 12233-7020

Section I	**Description**
Site Name	Official DEC site name. (see http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3)
DEC Site ID No.	DEC site identification number.

Section II	**Contact Information of Person Submitting Notification**
Name	Name of person submitting notification of site change of use, transfer of certificate of completion and/or ownership form.
Address1	Street address or P.O. box number of the person submitting notification.
Address2	City, state and zip code of the person submitting notification.
Phone	Phone number of the person submitting notification.
E-mail	E-mail address of the person submitting notification.

Section III	**Type of Change and Date**
Check Boxes	Check the appropriate box(s) for the type(s) of change about which you are notifying the Department. Check all that apply.
Proposed Date of Change	Date on which the change in ownership or remedial party, transfer of CoC, or other change is expected to occur.

Section IV	**Description**
Description	For each change checked in Section III, describe the proposed change. Provide all applicable maps, drawings, and/or parcel information. If "Other" is checked in Section III, explain how the change may affect the site's proposed, ongoing, or completed remedial program at the site. Please attach additional sheets, if needed.

Section V Certification Statement

This section must be filled out if the change of use results in a change of ownership or responsibility for the proposed, ongoing, or completed remedial program for the site. When completed, it provides DEC with a certification that the prospective purchaser has been provided a copy of any order, agreement, or State assistance contract as well as a copy of all approved remedial work plans and reports.

Name	The owner of the site property or their designated representative must sign and date the certification statement. Print owner or designated representative's name on the line provided below the signature.
Address1	Owner or designated representative's street address or P.O. Box number.
Address2	Owner or designated representative's city, state and zip code.
Phone	Owner or designated representative's phone number.
E-Mail	Owner or designated representative's E-mail.

Section VI Contact Information for New Owner, Remedial Party, and CoC Holder (if a CoC was issued)

Fill out this section only if the site is to be sold or there will be a new remedial party. Check the appropriate box to indicate whether the information being provided is for a Prospective Owner, CoC Holder (if site was ever issued a COC), Prospective Remedial Party, or Prospective Owner Representative. Identify the prospective owner or party and include contact information. A Continuation Sheet is provided at the end of this form for additional owner/party information.

Name	Name of Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.
Address1	Street address or P.O. Box number for the Prospective Owner, Prospective Remedial Party, or Prospective Owner Representative.
Address2	City, state and zip code for the Prospective Owner, Prospective Remedial Party, or Prospective Owner Representative.
Phone	Phone number for the Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.
E-Mail	E-mail address of the Prospective Owner, Prospective Remedial Party or Prospective Owner Representative.

If the site is subject to an Environmental Easement, Deed Restriction, or Site Management Plan requiring periodic certification of institutional controls/engineering controls (IC/EC), indicate who will be the certifying party(ies). Attach additional sheets, if needed.

Certifying Party	
Name	Name of Certifying Party.
Address1	Certifying Party's street address or P.O. Box number.
Address2	Certifying Party's city, state and zip code.
Phone	Certifying Party's Phone number.
E-Mail	Certifying Party's E-mail address.

Section VII Agreement to Notify DEC After Property Transfer/Sale

This section must be filled out for all property transfers of all or part of the site. If the site also has a CoC, then the CoC shall be transferred using DEC's form found at http://www.dec.ny.gov/chemical/54736.html

Filling out and signing this section of the form indicates you will comply with the post transfer notifications within the required timeframes specified on the form. If a CoC has been issued for the site, the DEC will allow 30 days for the post transfer notification so that the "Notice of CoC Transfer Form" and proof of it's filing can be included. Normally the required post transfer notification must be submitted within 15 day (per 375-1.11(d)(3)(ii)) when no CoC is involved.

Name	Current property owner must sign and date the form on the designated lines. Print owner's name on the line provided.
Address1	Current owner's street address.
Address2	Current owner's city, state and zip code.

PROJECT DESCRIPTION: OUTFEED DECK
Notification of Site Change of Use
BCP Site #C420029
Northeast Treaters of New York, LLC
December 2018

This project description is prepared by Sterling Environmental Engineering, P.C. (STERLING) on behalf of Northeast Treaters of New York, LLC (NET) to supplement Section IV of New York State Department of Environmental Conservation (NYSDEC's) Advance Notification of Site Change of Use form, and in accordance with 6 NYCRR Part 375-1.11(d) and 375-1.9(f).

The project will consist of installing an outfeed deck on the north end of the existing wood treating facility to better handle and manage treated lumber. The outfeed deck will be covered by a canopy that also will be installed as part of this improvement project. The outfeed deck and canopy will be entirely above-ground structures; however, the structures will be supported on concrete piers, some of which will penetrate the existing protective cover system that was installed as part of the Brownfield Cleanup Program for which the Certificate of Completion was issued on November 14, 2016.

Not all of the piers will be located on the Brownfield site; however, for the sake of simplicity, the work and restoration at each pier location will be identical and will meet the requirements of the Site Management Plan (SMP) and associated Excavation Work Plan (EWP). All ground intrusive work and restoration of the protective cover will be observed, inspected, and documented by STERLING personnel.

Detailed Description of the Work

The outfeed deck and canopy require installation of concrete piers to support these structures. The holes for the piers will be drilled by a qualified contractor and personnel trained for work with hazardous materials in accordance with the requirements of OSHA 1920.120. A separate contractor will be responsible for constructing the concrete piers (i.e. pouring concrete into the holes) and all aboveground construction. Employees of this contractor will not be exposed to potentially impacted soil.

The approximate locations of the holes to be augered for the concrete piers are shown on the attached Figure 1. Approximately twenty (20), 12-inch diameter holes will be augered to a depth of four (4) feet below grade. The surface at nineteen (19) of the holes consists of approximately four (4) to six (6) inches of asphalt, and at one of the holes is approximately six (6) inches of reinforced concrete. A 2-foot square section of asphalt (or concrete) will first be saw cut to expose the underlying soil. The asphalt and concrete will be removed and placed elsewhere on site.

A post hole auger will be used to drill each hole to a depth of four (4) feet after the asphalt/concrete is removed. It is anticipated that a total of approximately four (4) cubic yards of soil (assuming a 1.5 fluff factor) will be generated. The soil from each hole will be transported to a designated location on the Brownfield site and will be staged on, and covered by, polyethylene sheeting, pending analysis for off-site disposal, per Section 3.0 of the EWP. The auger will be power washed at the conclusion of the drilling. Wash water will be directed into the final hole that is augered and allowed to infiltrate the ground. This process is expected to generate two (2) to three (3) gallons of water.

One composite soil sample will be collected from the stockpiled soil after all holes are completed. The sample will be analyzed for disposal characterization according to the requirements of the permitted landfill, as described further below. Soil will be staged onsite until laboratory analytical results are available and acceptance by the landfill for disposal is obtained.

Protective Cover Restoration

The protective cover will be restored by filling each hole with concrete to form the supporting piers. The surface around each pier will be restored by patching the asphalt so that the asphalt surface meets the side of the concrete pier. The engineer control (protective cover) will continue to operate as designed once the restoration is complete.

Summary of Environmental Conditions

The approved remedial action at the site consisted of placement and maintenance of a protective cover system to achieve the remedial action objectives. Soil below the protective cover where the proposed holes will be augered may contain concentrations of the contaminants of concern. The Remedial Investigation (RI) determined that only arsenic and trivalent chromium are the contaminants of concern at the site. Figures 8 and 9 from the RI report are attached and show concentrations of arsenic and chromium detected during the RI. The outfeed deck and canopy will be installed near the locations of samples DPP-15 (Figure 8) and SP-25 (Figure 9). The concentration of arsenic and trivalent chromium detected during the RI at these sampling locations are provided in the following table.

Sample ID	Arsenic (mg/kg)	Chromium (mg/kg)
DPP-15IS (1'-2')	104.0	77.2
DPP-15ID (3'-5')	6.7	30.6
DPP-15ES (1'-2')	7.9	17.9
SP-25 (0.5'-1')	9.0	26

The probability for dust to be generated from potentially impacted soil during augering of the proposed holes is very low. CAMP monitoring will be performed during the augering to evaluate dust generation and to implement corrective measures (dust suppression) if necessary. There will be no opportunity for dust to be generated from potentially impacted soil once the augering is completed.

Schedule

The proposed work will be scheduled as soon as possible after receiving NYSDEC approval to proceed, pending the contractor's availability. The work is anticipated to take approximately three (3) to four (4) days to complete.

Applicable Components of the Excavation Work Plan (EWP)

Applicable sections of the EWP include the following as described in greater detail herein:

- Section 1.0 for notification of the NYSDEC, including this document.
- Section 2.0 for assessment of soil quality likely to be encountered.
- Section 3.0 for stockpile of soil to be generated.
- Section 4.0 for excavation and load out of soil.
- Section 5.0 for material transport.
- Section 9.0 for cover system restoration; and
- Section 13.0 for CAMP monitoring.

Contractor's HASP

The environmental contractor performing the augering of the holes will comply with the Health and Safety Plan (HASP) provided in Appendix A of the Remedial Investigation Work Plan for the site.

Proposed Disposal Facility

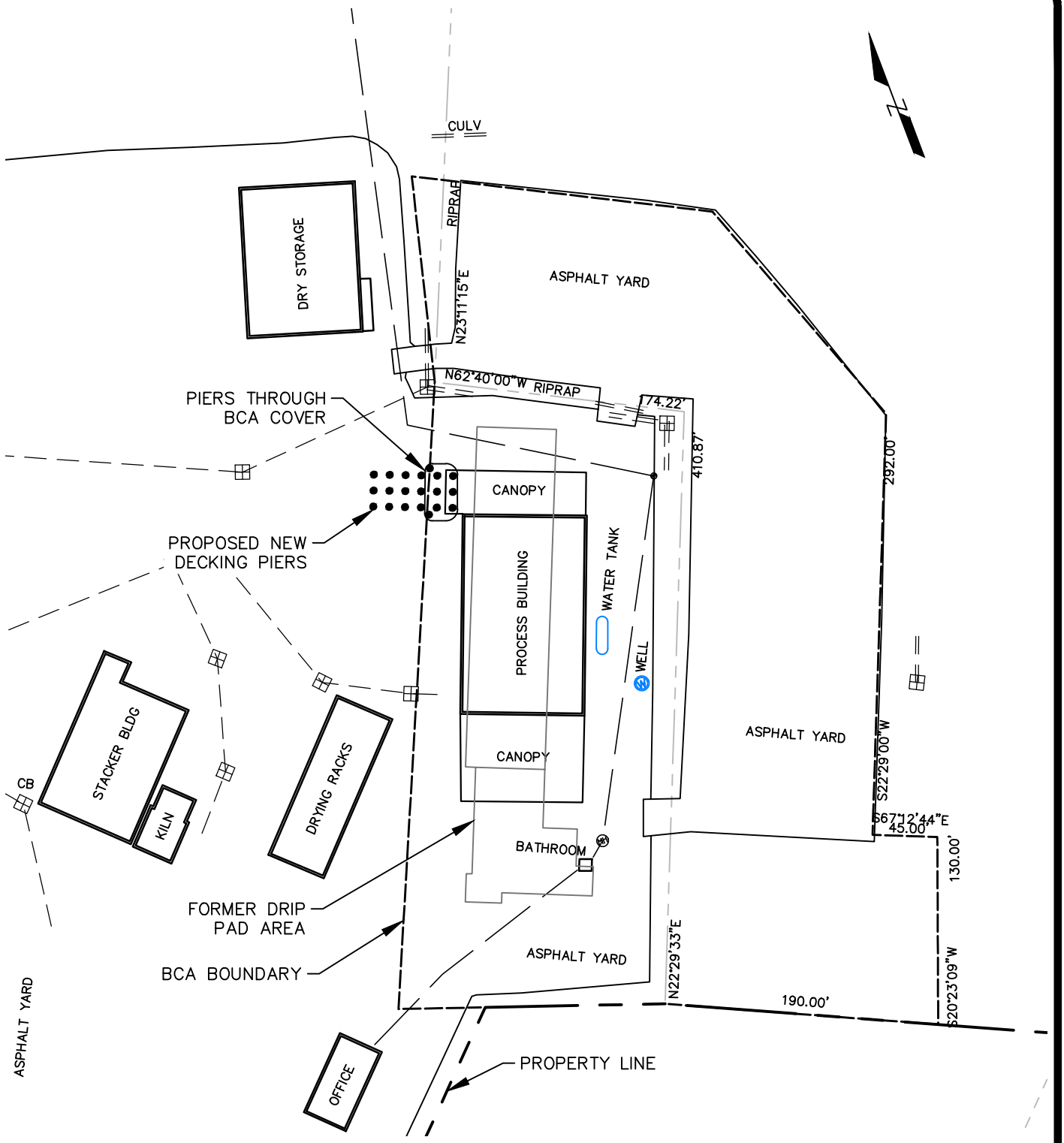
It is anticipated that the soil will be disposed at the Town of Colonie Landfill. The landfill requires that a representative sample be analyzed for volatile organic compounds (VOCs), Semi-VOCs, and Target Analyte List metals using the toxicity characteristic leaching procedure, and for polychlorinated biphenyls, gasoline-range organics, and diesel-range organics.

Anticipated Backfill

Each of the twenty (20) holes to be augered will be filled with concrete to create the support piers for the outfeed deck and canopy. No other fill materials are scheduled to be imported for the project.

Reporting

A summary report will be prepared and submitted to the NYSDEC. The report will document the completed work and identify deviations from the work described herein, if any. The report will include supporting information and data such as photographs, air monitoring data, disposal characterization analytical results, and soil disposal documentation.



MAP REFERENCE: REMEDIAL CONSTRUCTION AS-BUILT PLAN SURVEY BY SANTO ASSOCIATES LAND SURVEYING AND ENGINEERING, P.C., JULY 8, 2016.

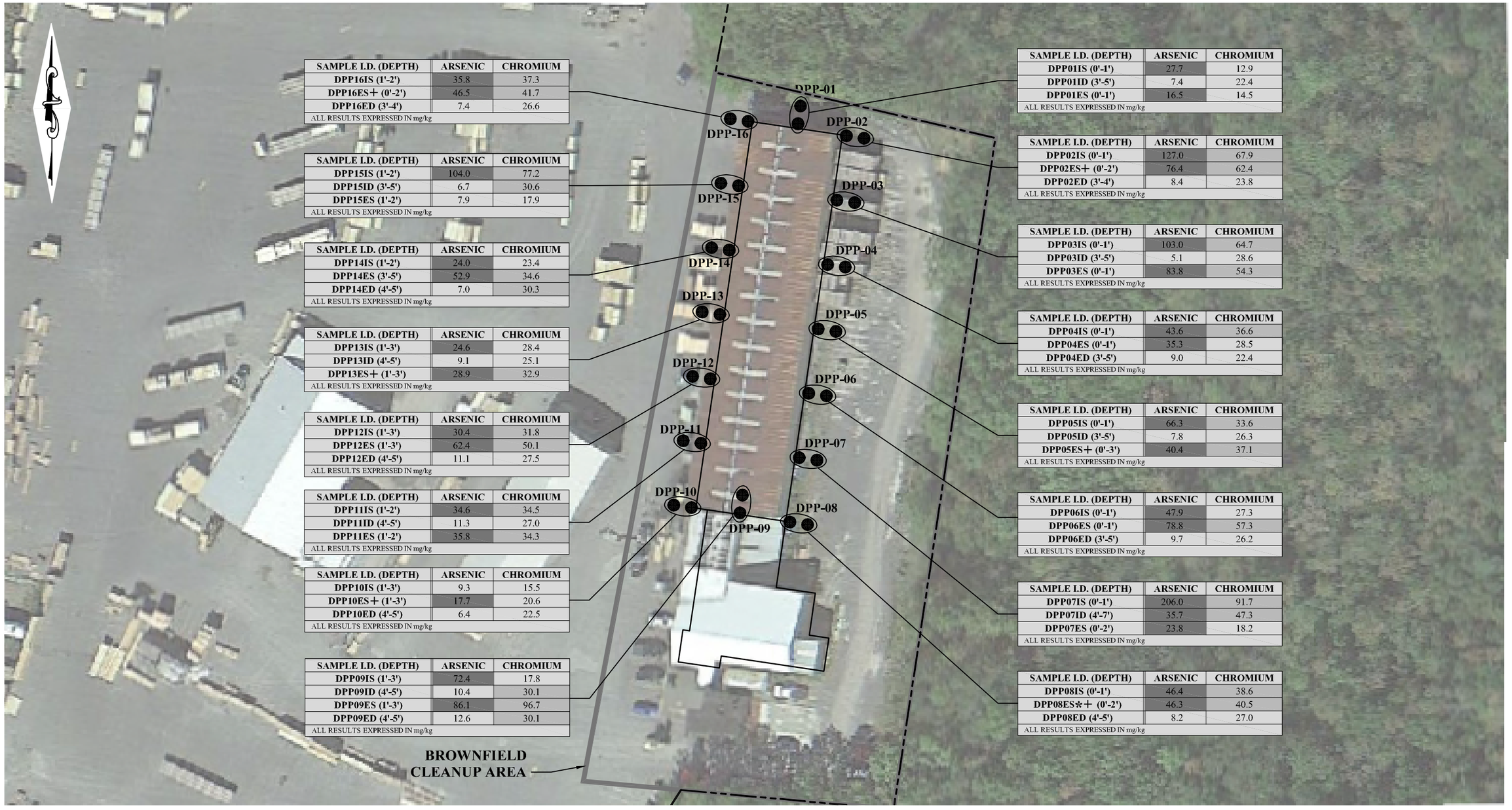
STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road ♦ Latham, New York 12110

DECK EXPANSION
PIER LOCATION MAP
NORTHEAST TREATERS
SCHOHARIE TURNPIKE

TOWN OF ATHENS GREEN CO., NEW YORK

PROJ. No.:	DATE:	SCALE:	DWG. NO.	FIGURE
2014-08	12/19/2018	1" = 100'	2014-08050	1

S:\Drawings\2014-08 - Northeast Treaters of New York - Athens NY\2014-0850_F-1 - Deck Expansion Area.dwg SWEETT 12/19/2018 2:28 PM



SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP16IS (1'-2')	35.8	37.3
DPP16ES+ (0'-2')	46.5	41.7
DPP16ED (3'-4')	7.4	26.6
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP15IS (1'-2')	104.0	77.2
DPP15ID (3'-5')	6.7	30.6
DPP15ES (1'-2')	7.9	17.9
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP14IS (1'-2')	24.0	23.4
DPP14ES (3'-5')	52.9	34.6
DPP14ED (4'-5')	7.0	30.3
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP13IS (1'-3')	24.6	28.4
DPP13ID (4'-5')	9.1	25.1
DPP13ES+ (1'-3')	28.9	32.9
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP12IS (1'-3')	30.4	31.8
DPP12ES (1'-3')	62.4	50.1
DPP12ED (4'-5')	11.1	27.5
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP11IS (1'-2')	34.6	34.5
DPP11ID (4'-5')	11.3	27.0
DPP11ES (1'-2')	35.8	34.3
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP10IS (1'-3')	9.3	15.5
DPP10ES+ (1'-3')	17.7	20.6
DPP10ED (4'-5')	6.4	22.5
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP09IS (1'-3')	72.4	17.8
DPP09ID (4'-5')	10.4	30.1
DPP09ES (1'-3')	86.1	96.7
DPP09ED (4'-5')	12.6	30.1
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP01IS (0'-1')	27.7	12.9
DPP01ID (3'-5')	7.4	22.4
DPP01ES (0'-1')	16.5	14.5
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP02IS (0'-1')	127.0	67.9
DPP02ES+ (0'-2')	76.4	62.4
DPP02ED (3'-4')	8.4	23.8
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP03IS (0'-1')	103.0	64.7
DPP03ID (3'-5')	5.1	28.6
DPP03ES (0'-1')	83.8	54.3
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP04IS (0'-1')	43.6	36.6
DPP04ES (0'-1')	35.3	28.5
DPP04ED (3'-5')	9.0	22.4
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP05IS (0'-1')	66.3	33.6
DPP05ID (3'-5')	7.8	26.3
DPP05ES+ (0'-3')	40.4	37.1
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP06IS (0'-1')	47.9	27.3
DPP06ES (0'-1')	78.8	57.3
DPP06ED (3'-5')	9.7	26.2
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP07IS (0'-1')	206.0	91.7
DPP07ID (4'-7')	35.7	47.3
DPP07ES (0'-2')	23.8	18.2
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
DPP08IS (0'-1')	46.4	38.6
DPP08ES*+ (0'-2')	46.3	40.5
DPP08ED (4'-5')	8.2	27.0
ALL RESULTS EXPRESSED IN mg/kg		

LEGEND:

● DPP-01 DRIP PAD PERIMETER SAMPLE LOCATION (NOVEMBER 17-20, 2014)

— — — PROPERTY BOUNDARY

* Semi-Volatile Compounds: Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, and Chrysene were detected at DPP08ES above Unrestricted-Use SCOs.

+ Analyzed for all parameters identified in 6NYCRR PART 375-6.8

0 30 60 120

1 inch = 60 ft.

ARSENIC	CHROMIUM	
13 mg/kg	30 mg/kg	- UNRESTRICTED USE
16 mg/kg	1500 mg/kg	- INDUSTRIAL USE

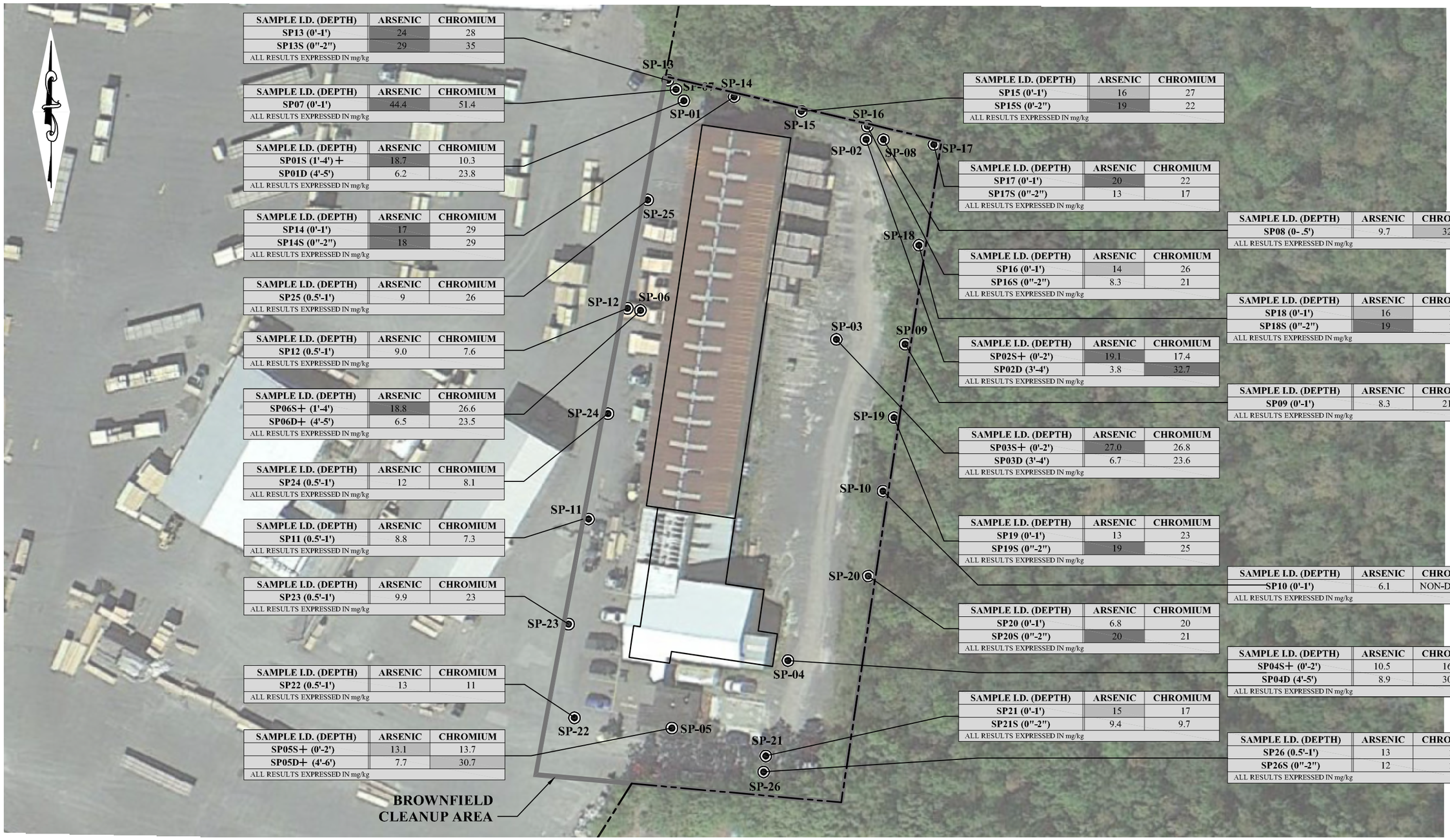
- SHADED VALUES INDICATE EXCEEDANCE OF RESPECTIVE SOIL CLEANUP OBJECTIVES:

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

SUMMARY OF CHROMIUM AND ARSENIC DETECTIONS AT DRIP PAD PERIMETER SAMPLE LOCATIONS
NORTHEAST TREATERS
SCHOHARIE TURNPIKE
TOWN OF ATHENS GREENE CO., N.Y.

PROJ. No.:	DATE:	SCALE:	DWG. NO.	FIGURE
2014-08	5/1/15	1" = 60'	2014-08029	8

S:\Drawings\2014-08 - Northeast Treaters of New York - Athens NY\2014-08029.DPPSummary.dwg5/11/2015 2:57 PM



SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP13 (0'-1')	24	28
SP13S (0"-2")	29	35
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP07 (0'-1')	44.4	51.4
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP01S (1'-4') +	18.7	10.3
SP01D (4'-5')	6.2	23.8
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP14 (0'-1')	17	29
SP14S (0"-2")	18	29
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP25 (0.5'-1')	9	26
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP12 (0.5'-1')	9.0	7.6
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP06S + (1'-4')	18.8	26.6
SP06D + (4'-5')	6.5	23.5
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP24 (0.5'-1')	12	8.1
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP11 (0.5'-1')	8.8	7.3
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP23 (0.5'-1')	9.9	23
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP22 (0.5'-1')	13	11
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP05S + (0'-2')	13.1	13.7
SP05D + (4'-6')	7.7	30.7
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP15 (0'-1')	16	27
SP15S (0'-2")	19	22
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP17 (0'-1')	20	22
SP17S (0"-2")	13	17
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP08 (0- .5')	9.7	32.5
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP16 (0'-1')	14	26
SP16S (0"-2")	8.3	21
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP18 (0'-1')	16	28
SP18S (0"-2")	19	20
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP02S + (0'-2')	19.1	17.4
SP02D (3'-4')	3.8	32.7
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP09 (0'-1')	8.3	21.8
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP03S + (0'-2')	27.0	26.8
SP03D (3'-4')	6.7	23.6
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP19 (0'-1')	13	23
SP19S (0"-2")	19	25
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP10 (0'-1')	6.1	NON-DETECT
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP20 (0'-1')	6.8	20
SP20S (0"-2")	20	21
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP04S + (0'-2')	10.5	16.8
SP04D (4'-5')	8.9	30.0
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP21 (0'-1')	15	17
SP21S (0"-2")	9.4	9.7
ALL RESULTS EXPRESSED IN mg/kg		

SAMPLE I.D. (DEPTH)	ARSENIC	CHROMIUM
SP26 (0.5'-1')	13	29
SP26S (0"-2")	12	27
ALL RESULTS EXPRESSED IN mg/kg		

LEGEND:

◉ SP-01 — SITE PERIMETER SAMPLE LOCATION (NOVEMBER 17-20, 2014 AND JANUARY 22, 2015)

PROPERTY BOUNDARY

0 30 60 120

1 inch = 60 ft.

\+ Analyzed for all parameters identified in 6NYCRR PART 375-6.8

ARSENIC	CHROMIUM
13 mg/kg	30 mg/kg
16 mg/kg	1500 mg/kg

- SHADED VALUES INDICATE EXCEEDANCE OF RESPECTIVE SOIL CLEANUP OBJECTIVES:
- UNRESTRICTED USE
- INDUSTRIAL USE

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

SUMMARY OF CHROMIUM AND ARSENIC DETECTIONS AT SITE PERIMETER SAMPLE LOCATIONS

NORTHEAST TREATERS

SCHOHARIE TURNPIKE

TOWN OF ATHENS GREENE CO., N.Y.

PROJ. No.:	DATE:	SCALE:	DWG. NO.	FIGURE
2014-08	5/1/15	1" = 60'	2014-08030	9

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APPENDIX C

SITE-WIDE INSPECTION FORM AND PHOTOGRAPHS

NORTHEAST TREATERS OF NEW YORK, LLC.
796 SCHOHARIE TURNPIKE, ATHENS, NY
SITE #C420029

SITE-WIDE INSPECTION FORM

Date: 8/19/2019

Inspected By: Andrew Millspaugh/Paul Scholar

Weather Conditions: 85°F sunny

Site Property Item	Condition		Remarks
	Acceptable	Not Acceptable	
1. Compliance with SMP/Environmental Easements	✓		
2. Condition of Protective Cover a. Asphalt b. Soil c. Concrete	✓		a. Repair ballard
	✓		b.
	✓		c.
3. General Site Conditions at Time of Inspection	✓		
4. Site Records Up-To-Date	✓		
5. Additional Comments/Notes:			

NORTHEAST TREATERS OF NEW YORK, LLC.
796 SCHOHARIE TURNPIKE, ATHENS, NY
SITE #C420029

SAMPLING SUMMARY

Date: 08/19/19

Sampled By: Paul Scholar, Andrew Millspaugh Weather Conditions: 85°F Sunny

Sample ID	Collection Date & Time	Analysis	Physical Description of Materials (ie. Soil type, texture, moisture, color, odor,etc)	Comments
MP-U	08/19/19 1100	Total Metals (As, Cr)	Silty/clayey, organics	4in standing water
MP-M	08/19/19 1115	Total Metals (As, Cr)	silty/clayey, organics	12in standing water
MP-D	08/19/19 1125	Total Metals (As, Cr)	silty/clayey, organics	2in standing water

Overall Conditions: 8ft tall grass

Additional Comments:

Photograph 1: Overview of western portion of protective asphalt cover in acceptable condition. Looking north.

Photograph 2: Overview of central portion of protective asphalt cover in acceptable condition. Looking north.

Photograph 3: Overview of eastern portion of protective asphalt cover in acceptable condition. Looking northwest.

Photograph 4: Southeastern portion of protective asphalt cover and southern abatement berm soil cover in acceptable condition. Looking west.

Photograph 5: Southern abatement berm with soil cover in acceptable condition. Looking east.

Photograph 6: Southern abatement berm and perimeter drainage with soil cover in acceptable condition. Looking northeast.

Photograph 7: Western portion protective asphalt cover in acceptable condition. Looking north.

Photograph 8: Northwestern portion of protective asphalt cover in acceptable condition. Looking northwest.

Photograph 9: Grade transition area between treatment process building and storage area in acceptable condition. Looking south.

Photograph 10: Northern portion of protective asphalt cover in acceptable conditions. Looking west.

Photograph 11: Northern portion of protective asphalt cover in acceptable conditions. Looking north.

Photograph 12: Southern portion of protective asphalt cover with development of localized depression, but remains in acceptable condition with no penetration. Looking west.

Photograph 13: Grade transition area between treatment process building and storage area in acceptable condition. Looking north.

Photograph 14: Northern grade transition area in acceptable conditions. Looking north.

Photograph 15: Central portion of protective asphalt cover in acceptable condition directly north of the treatment process building. Looking east.

Photograph 16: Southern portion of protective asphalt cover in acceptable condition directly east of the treatment process building. Looking south.

Photograph 17: Damaged bollard along southwest perimeter of the treatment process building. Localized damage is not considered a risk to onsite workers or the environment.

Photograph 18: Representative concrete protective cover in acceptable condition within treatment process building.

Photograph 19: Representative concrete protective cover in acceptable condition within treatment process building.

APPENDIX D

POST-REMEDIATION MEDIA SAMPLING ANALYTICAL RESULTS

ANALYTICAL REPORT

Lab Number:	L1937314
Client:	Sterling Environmental Eng 24 Wade Road Latham, NY 12110
ATTN:	Tom Johnson
Phone:	(518) 456-4900
Project Name:	NORTHEAST TREATERS
Project Number:	2014-08
Report Date:	08/29/19

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: L1937314
Report Date: 08/29/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1937314-01	MP-U	SOIL	ATHENS, NY	08/19/19 11:00	08/19/19
L1937314-02	MP-M	SOIL	ATHENS, NY	08/19/19 11:15	08/19/19
L1937314-03	MP-D	SOIL	ATHENS, NY	08/19/19 11:25	08/19/19
L1937314-04	DUP-MP-D	SOIL	ATHENS, NY	08/19/19 11:30	08/19/19

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L1937314
Project Number:	2014-08	**Report Date:**	08/29/19

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:**	L1937314
Project Number:	2014-08	**Report Date:**	08/29/19

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: Lisa Westerlind

Title: Technical Director/Representative Date: 08/29/19

METALS

Project Name: NORTHEAST TREATERS
Lab Number: L1937314
Project Number: 2014-08
Report Date: 08/29/19

SAMPLE RESULTS

Lab ID: L1937314-01
Client ID: MP-U
Sample Location: ATHENS, NY
Date Collected: 08/19/19 11:00
Date Received: 08/19/19
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	14.5		mg/kg	1.52	0.315	1	08/27/19 21:20	08/29/19 14:34	EPA 3050B	1,6010D	LC
Chromium, Total	22.7		mg/kg	1.52	0.145	1	08/27/19 21:20	08/29/19 14:34	EPA 3050B	1,6010D	LC

Project Name: NORTHEAST TREATERS
Lab Number: L1937314
Project Number: 2014-08
Report Date: 08/29/19

SAMPLE RESULTS

Lab ID: L1937314-02
Client ID: MP-M
Sample Location: ATHENS, NY
Date Collected: 08/19/19 11:15
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 46%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	12.7		mg/kg	0.855	0.178	1	08/27/19 21:20	08/29/19 14:38	EPA 3050B	1,6010D	LC
Chromium, Total	21.0		mg/kg	0.855	0.082	1	08/27/19 21:20	08/29/19 14:38	EPA 3050B	1,6010D	LC

Project Name: NORTHEAST TREATERS
Lab Number: L1937314
Project Number: 2014-08
Report Date: 08/29/19

SAMPLE RESULTS

Lab ID: L1937314-03
Client ID: MP-D
Sample Location: ATHENS, NY
Date Collected: 08/19/19 11:25
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 22%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	19.5		mg/kg	1.83	0.381	1	08/27/19 21:20	08/29/19 14:43	EPA 3050B	1,6010D	LC
Chromium, Total	51.9		mg/kg	1.83	0.176	1	08/27/19 21:20	08/29/19 14:43	EPA 3050B	1,6010D	LC

Project Name: NORTHEAST TREATERS
Lab Number: L1937314
Project Number: 2014-08
Report Date: 08/29/19

SAMPLE RESULTS

Lab ID: L1937314-04
Client ID: DUP-MP-D
Sample Location: ATHENS, NY
Date Collected: 08/19/19 11:30
Date Received: 08/19/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 20%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	19.8		mg/kg	1.86	0.387	1	08/27/19 21:20	08/29/19 14:47	EPA 3050B	1,6010D	LC
Chromium, Total	47.3		mg/kg	1.86	0.178	1	08/27/19 21:20	08/29/19 14:47	EPA 3050B	1,6010D	LC

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L1937314
Report Date: 08/29/19

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): 01-04 Batch: WG1277425-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	08/27/19 21:20	08/29/19 00:01	1,6010D	MC
Chromium, Total	0.064	J	mg/kg	0.400	0.038	1	08/27/19 21:20	08/29/19 00:01	1,6010D	MC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-08

Lab Number: L1937314

Report Date: 08/29/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1277425-2 SRM Lot Number: D105-540								
Arsenic, Total	89		-		70-130	-		
Chromium, Total	80		-		70-130	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: NORTHEAST TREATERS
Project Number: 2014-08

Lab Number: L1937314
Report Date: 08/29/19

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): 01-04 QC Batch ID: WG1277425-3 WG1277425-4 QC Sample: L1937286-07 Client ID: MS Sample												
Arsenic, Total	20.1	10.8	28.4	77		25.7	**53**	Q	75-125	10		20
Chromium, Total	34.0	18	51.7	98		51.8	100		75-125	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L1937314
Report Date: 08/29/19

SAMPLE RESULTS

Lab ID: L1937314-01
Client ID: MP-U
Sample Location: ATHENS, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/19/19 11:00
Date Received: 08/19/19
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	25.7		%	0.100	NA	1	-	08/20/19 10:45	121,2540G	RI

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L1937314
Report Date: 08/29/19

SAMPLE RESULTS

Lab ID: L1937314-02
Client ID: MP-M
Sample Location: ATHENS, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/19/19 11:15
Date Received: 08/19/19
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	45.7		%	0.100	NA	1	-	08/20/19 10:45	121,2540G	RI

Project Name: NORTHEAST TREATERS
Project Number: 2014-08
Lab Number: L1937314
Report Date: 08/29/19

SAMPLE RESULTS

Lab ID: L1937314-03
Client ID: MP-D
Sample Location: ATHENS, NY
Sample Depth:
Matrix: Soil

Date Collected: 08/19/19 11:25
Date Received: 08/19/19
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	21.5		%	0.100	NA	1	-	08/20/19 10:45	121,2540G	RI

Project Name: NORTHEAST TREATERS
Project Number: 2014-08

Lab Number: L1937314
Report Date: 08/29/19

SAMPLE RESULTS

Lab ID: L1937314-04
Client ID: DUP-MP-D
Sample Location: ATHENS, NY

Date Collected: 08/19/19 11:30
Date Received: 08/19/19
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	20.4		%	0.100	NA	1	-	08/20/19 10:45	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: NORTHEAST TREATERS

Project Number: 2014-08

Lab Number: L1937314

Report Date: 08/29/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1274419-1 QC Sample: L1937304-04 Client ID: DUP Sample						
Solids, Total	67.2	66.8	%	1		20

Project Name: NORTHEAST TREATERS
Project Number: 2014-08

Lab Number: L1937314
Report Date: 08/29/19

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(*)
L1937314-01A	Plastic 2oz unpreserved for TS	A	NA		5.3	Y	Absent		TS(7)
L1937314-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		AS-TI(180),CR-TI(180)
L1937314-02A	Plastic 2oz unpreserved for TS	A	NA		5.3	Y	Absent		TS(7)
L1937314-02B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		AS-TI(180),CR-TI(180)
L1937314-03A	Plastic 2oz unpreserved for TS	A	NA		5.3	Y	Absent		TS(7)
L1937314-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		AS-TI(180),CR-TI(180)
L1937314-04A	Plastic 2oz unpreserved for TS	A	NA		5.3	Y	Absent		TS(7)
L1937314-04B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		AS-TI(180),CR-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L1937314
Project Number:	2014-08	**Report Date:**	08/29/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L1937314
Project Number:	2014-08	**Report Date:**	08/29/19

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

Terms

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NORTHEAST TREATERS	**Lab Number:**	L1937314
Project Number:	2014-08	**Report Date:**	08/29/19

REFERENCES

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

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
FAX: 508-898-9193

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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

Page 1 of 1

Date Rec'd in Lab: 8/20/19

ALPHA Job #: L1937314

Client Information

Client: Sterling Environmental Engineerin
Address: 24 Wade Rd
Latham, NY 12110
Phone: 518-456-4900
Fax: 518-456-3532
Email:

Project Information

Project Name: Northeast Treaters
Project Location: Athens, NY
Project #: 2014-08
(Use Project name as Project #) ☐
Project Manager: Thomas Johnson
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

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

Regulatory Requirement

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

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Thomas.Johnson@sterlingenvironmental.com

Please specify Metals or TAL.

ANALYSIS

Total Metals (As, Cr) | TS

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

Total # Bottles

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Metals (As, Cr)	TS	Sample Specific Comments	Total # Bottles
37314 -01	MP-U (MS) 08/19/19	~~08/31/19~~	1100	Sediment	PWS	X	X		2
-02	MP-M (MSD) 08/19/19	~~08/31/19~~	1115	"	PWS	X	X		2
-03	MP-D	08/19/19	1125	"	PWS	X	X		2
	~~MS~~								
	~~MSD~~								
-04	DUP - MP-D	08/19/19	1130	Sediment	PWS	X	X		2

Container Type: A P
Preservative: A A

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
	8-19-19 1700	AMAL	8-19-19 13:00
	8-19-19 13:00		8/20/19 0:40

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.

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