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ISS Pilot Study Report

For:

Ossining Gas Works DPW Site

30 Water Street

Ossining, Westchester County, NY

Prepared for:

WB 30 Water Street, LLC

SESI Project No:
11498

Date:
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CERTIFICATIONS

I, Fuad Dahan, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this ISS Pilot Study Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10)

Fuad Dahan	6/20/2025	
NYS Professional Engineer (# 090531)	Date	Signature

It is a violation of Article 130 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 130, New York State Education

LIST OF ACRONYMS

Acronym	Definition
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BMM	Bucket Mixing Method
GGBFS	Ground Granulated Blast Furnace Slag
ISS	In-Situ Solidification
ISSPSWP	ISS Pilot Study Workplan
MGP	Manufactured Gas Plant
NYSDEC	New York State Department of Environmental Conservation
ODPW	Ossining Department of Public Works
OU	Operable Unit
PC	Portland Cement
QA/QC	Quality Assurance/Quality Control
RAWP	Remedial Action Work Plan
sq-ft	square-feet
SVOC	Semi-volatile Organic Compound
UCS	Unconfined Compressive Strength
VOC	Volatile Organic Compound

1.0 INTRODUCTION

WB 30 Water Street, LLC (the "Volunteer") entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on April 8, 2024 to investigate and remediate a portion of the Former Ossining Works Site, Operable Unit 1 (OU-1), which is now known as the Former Ossining Gas Works DPW BCP Site No. C360172 (hereinafter referred to as the "Site" or "BCP Site"). The Site, along with the remainder of OU-1 and Operable Units OU-2 and OU-3, has previously been subject to Consent Order No. CO 0-20180516-519 with Consolidated Edison Company of New York, Inc. ("Con Edison"). The Site has been removed from the Consent Order in order to enter the Brownfield Cleanup Program (BCP), but the remainder of OU-1, OU-2 and OU-3 remain subject to the Con Edison Consent Order.

This in-situ solidification (ISS) pilot study report includes the details and description of the pilot study conducted prior to the full-scale remediation as discussed in the remedial action work plan (RAWP) that was approved by the NYSDEC in February 2025. This document reports the field work conducted per the initial ISS pilot study workplan (ISSPSWP) that was approved by the NYSDEC on January 24, 2025 and the addendum ISSPSWP that was approved by the NYSDEC on April 24, 2025. The ISSPSWP included proposed work to treat areas Pilot-H, -D and -J(A). The addendum ISSPSWP included proposed work to treat Pilot-C (adjacent Pilot-D) and Pilot-J(B) (adjacent Pilot-J(A)).

The ISS-mixing conducted in Pilot H, Pilot-D and Pilot-J(B) was reported to the NYSDEC in the first of this report dated March 2025. The NYSDEC in letter dated April 3, 2024, determined that Pilot H was properly treated, and Pilot-D and Pilot-J(A) required additional remediation based on the reported results.

The results of Pilot-C are reported in the report. Pilot-J(B) was not remediated because during pre-clearing it was determined that it contained a significant quantity of debris. Accordingly, SESI submitted to the NYSDEC a workplan to investigate the extent of the debris in Pilot J(B). This workplan was approved by the NYSDEC in an email correspondence on May 19, 2025 and the NYSDEC agreed that the investigation work of Pilot J(B) and its remediation may be conducted under the full-scale work.

2.0 SITE HISTORY AND DESCRIPTION

The Site is composed of four (4) parcels (Section 89.19, Block 6, Lots 26, 27, 28 and 29) totaling 2.815 acres, excluding the Sing Sing Kill Brook ("Brook") underwater land that runs through the Site, and is located in a mixed use residential, commercial, and industrial area in Ossining, New York. The planned redevelopment of the Site entails the construction of an aboveground parking structure on the portion of the Site north of the Brook (which runs through the middle of the Site but is not part of the BCP Site), and a slab on grade multi-story, mixed-use commercial and residential building without a basement level on the south side of the Brook. The approximately 130,000 square-feet (sq-ft) affordable housing building will be utilized for 100% affordable residential units.

Historic operations at the Site have included manufactured gas plant (MGP) operations from circa 1855 to 1930 and initially included the production of coal gas. By 1904, the MGP operation transitioned to the production of carbureted water gas using the Lowe carbureted gas method.

The former MGP operations initially consisted of a single gas holder and a production building. In 1897, a second gas holder, a gas production building and coal houses were in use at the Site. In 1911, the retorts were replaced by gas generators and a third gas holder was added. The original gas holder was converted to an oil tank with a capacity of 144,000 gallons. By 1924, an additional oil tank, purifying tank and meter house were constructed. The MGP operations continued until 1929. The plant was placed in standby status in 1930. The MGP was retired from service in 1943.

From 1957 to the present, the Site was used as a storage facility and parking lot by the Ossining Department of Public Works (ODPW). ODPW had a petroleum bulk storage facility on the northern portion of the Site, which was closed in 2005.

3.0 SCOPE AND RATIONALE

SESI evaluated ISS treatment options for coal tar contaminated soil in a treatability study that was formerly reported in the RAWP. The contaminants of concern that exceed the Restricted Residential Soil Cleanup Objectives include semi-volatile organic compounds (SVOCs) and volatile organic compounds (VOCs). ISS has been used to minimize contaminant migration in coal tar contaminated soil by encapsulating the soil to form a solid material to minimize surface area exposed to leaching. The pilot study was designed to confirm the findings and conclusions

from the July 2024 Treatability Testing Report (**Appendix A**). The pilot studies are also conducted to test the implementing methods, including the mixing of the ISS application under the actual field conditions using the designed mix from the treatability study. The scope of work included completing the pilot study using the bucket mixing method based on these findings. The pilot areas are presented in **Figure 3.1**, a February 2025 pre-excavation survey presented in **Figure 3.2** and a top of monolith survey for Pilot C prior to backfill presented in **Figure 3.3**.

4.0 ISS PILOT STUDY

4.1 TREATMENT AGENT

The mix used for Pilot-H, Pilot-D and Pilot-J(A) is Mix #2 (6% Holcim PC and 2% Holcim GGBFS); however, the Holcim GGBFS was increased to 6% for Pilot-C based on the field observations as described in Section 4.6. The ISS pilot study testing results are considered acceptable if the unconfined compressive strength (UCS) criterion is >50 psi and permeability is $<10^{-6}$ cm/sec. These performance standards are to maintain the remedial objectives and geotechnical considerations.

The ISS set-up and mixing were conducted by Renova Environmental Company (Renova), the ISS contractor.

4.2 STUDY AREA

The target areas for this ISS pilot study include five (5) study areas to examine the performance of the mix in areas with high contaminant concentrations and varying soil conditions. The areas were slightly modified in the field to accommodate field logistics. The first areas selected are as follows:

- **Pilot J(A):** Located in ISS-J to treat the area of B-15 (SESI Phase II), which resulted in observed free product at estimated elevation 11.34-6.34 ft-amsl. The treatment area was 607 ft^2 with a target depth of 0.34 ft-amsl.
- **Pilot D**: Located in ISS-D to treat SB-18, SB-18A, and SB-18B, which resulted in product in the layer below the fill at estimated elevation 2.61-0.61 ft-amsl (Arcadis RIR 2020). This area is also in the vicinity of the brook and studies the geological changes due to ISS in

the retaining wall area. The treatment area was 1,233 ft^2 with a target depth of -1.39 ft-amsl.

- **Pilot H**: Located in ISS-H to treat SB-19, which resulted in product at depth up to 3.13 ft-amsl (Arcadis RIR 2020). This area is also near the rock outcrops on the southern end. The treatment area was 738 ft^2 with a target elevation of 4.63 ft-amsl.

Additional pilot areas were then selected in the addendum workplan as follows:

- **Pilot C**: Located in ISS-C to the east of Pilot-D. The treatment area was 771 ft^2 with a target elevation of 4.60 ft-amsl.
- **Pilot J(B)**: Located in ISS-J to the south of Pilot-J(A). The treatment area was 425 ft^2 with a target elevation of 0.0 ft-amsl.

4.3 TREATMENT SEQUENCE

The treatment sequence of the pilot areas included:

- Set up of the batch plant and silos;
- Removal of the overburden soil (up to five [5] ft-bgs);
- Surveying the excavated areas;
- ISS soil mixing;
- Observing the swell and survey to determine the swell rate;
- Regrading of at least four (4) feet of backfill to cover the ISS material; and
- Collecting quality assurance/quality control (QA/QC) samples for permeability and UCS.
- Completing QA/QC coring to visually observe the treated ISS matrix

4.4 SURVEY AND ISS TREATMENT DEPTH

For the work conducted under the ISSPSWP the survey elevation in **Table 5.2** has been adjusted to reflect the survey conducted in February 2025 by Insight Engineering.

For the work conducted under the Addendum ISSPSWP, the ISS pilot cells were shaped to be rectangular. If the rectangular shapes the cells overlayed mixing areas of varying required mixing depth, then the deeper mixing depth was chosen for the entirety of each cell as the treatment depth. One-foot of treatment was added to the RAWP planned depth. The elevation of each cell was based on the survey conducted in February 2025 (**Figure 3.2**). The survey of February 2025

shows elevation survey shots at each corner of the mixing cells; the lowest elevation in the cell was used to calculate the mixing bottom elevation.

Pilot-C was surveyed prior to mixing, after the pre-mixing excavation, and after fill just before the coring. Pilot C was mixed an additional 1.5 ft for a total elevation of 3.60 ft-amsl from existing grade for structural purposes.

4.5 PRE-ISS EXCAVATION

Prior to mixing, approximately the top five (5±) feet of soil across the selected pilot study areas were excavated for off-site disposal at the approved Fairless Landfill facility in Morrisville, PA.

The excavations in Pilot J(A) and Pilot C were less than the anticipated five (5) foot cut because groundwater was encountered at depth 14-15 ft-amsl in Pilot J(A) and 11.6 ft-amsl in Pilot C. The volume of soil to be ISS-treated was updated to reflect this change.

The excavated material was initially stockpiled and was kept covered at all times with appropriately anchored tarps. Stockpiles were routinely inspected, and damaged tarp covers were promptly replaced. All stockpiled spoils were exported to the approved disposal facility.

The stability of the sidewalls of each excavation was evaluated and determined to be adequate for the mixing. The soil walls were sloped to prevent additional material from entering the ISS cell when mixing.

4.6 ISS MIXING

Soil mixing was performed to the specified treatment depth in the RAWP for each ISS area used during the pilot test, using the bucket-mixing method (BMM). ISS operations used a Scheltzke grout batch plant as the primary batch plant, two (2) 40-ton silos, two (2) 100-ton pigs, and a series of pumps for the grout preparation operation. The mixing plants, silos, pigs, and pumps were located on the other side of Water Street to the west.

The STS MPC 030-160D Mix Pump System mixing tanks are suspended from load cells, allowing the precise metering of the reagents into the mixing tank. The weigh cell measurements were used to automatically create each batch of grout with the correct amounts of reagents as required

in Mix # 2. The process of mixing for the ISS operations consisted of the use of 2% Slag and 6% Portland Cement (PC) with a ratio of 1:0.52, relative to weight, of amendments to water being used for Pilot-H, -D and J(A); however, the weight of slag increased to 6% for Pilot C due to field observations of the mix and upon discussions with the NYSDEC field representatives and approval form the NYSDEC PM per the attached email (**Appendix B**). The batch plant automatically recorded the information for each batch of grout. The dry reagents (Portland Cement and slag) were metered into the batch tank using the silo screw conveyor to deliver the specified weight of reagent. Once the grout was initially mixed it was transferred to the agitator storage tank.

Table 4.1 ISS Pilot Grout Reagent Injections

Date	ISS Area	Pilot Area	Volume of Soil Treated (CY)	Mass of PC (Tons)	Mass of GGBFS (Tons)
2/7/2025	ISS-H	Pilot H	301	26.4	8.8
2/11-12/2025	ISS-D	Pilot D	502	44.4	14.8
2/24/2025	ISS-J	Pilot J(A)	281	26.4	8.8
4/29/2025	ISS-C	Pilot C	277	24.0	24.8

The batch plant data is included as **Appendix C**.

Pilot-H was mixed for a total of approximately three (3) hours on 2/7/2025 and was mixed from a stationary location on the north portion of the cell. Pilot-D was mixed for a total of approximately three (3) hours on 2/11/2025, prior to the concrete plant malfunctioning, and a total of approximately four (4) hours on 2/12/2025 to complete the mixing of the prescribed quantity of amendments. Pilot-D was mixed from the west, south, and east perimeters of the cell's footprint. ISS-D was mixed over the course of two (2) days due to issues with the batch plant. Accordingly, the NYSDEC required one (1) additional core as further discussed in Section 5.0 below. Pilot-J(A) was mixed for a total of approximately 2.67 hours on 2/24/2025 from the southern perimeter of the cell. The gradation of the soil within Pilot-J(A) appeared to consist predominantly of gravel and cobbles. The amendments were observed to be mixed homogenously with an excavator bucket.

Pilot C was mixed on 4/29/2025 over a duration of about seven (7) hours due to the need to add slag. Pilot C was mixed to the specified treatment depth in the RAWP plus 1 foot and an additional 1.5 feet for structural purposes for a total of 2.5 feet more than the RAWP mix depth.

Pilot J(B) was excavated to about 14 ft-amsl before encountering groundwater. This cell was then subsequently sifted to approximately elevation 0 ft-amsl in preparation for ISS on 4/30/2025; however, this cell was found to contain predominantly broken concrete, brick and cobbles. Therefore, it was recommended that Pilot-J(B) be treated during the full-scale remedial operation.

The excavator was repositioned along all sides of the cell throughout the mixing timeframe for all ISS treatment cells. The soil was mechanically mixed with the excavator bucket (via repeated raising, lowering, and sweeping of the bucket through the cell in sequential depth increments of approximately 5 feet) until the amendments were evenly distributed throughout the soil. The mixed cell in each case turned into a solution of the reagents and the soils of viscous consistency. NYSDEC staff required the remedial contractor to continue mixing Pilot-D multiple times due to visual evidence of an incomplete mix. At the culmination of each mix, SESI observed each cell was homogenously mixed.

The mixing operations are further detailed in the field reports included as **Appendix D**.

4.7 ISS SAMPLING

Following soil mixing, samples were collected for verification testing to assess the performance of the ISS treatment. Renova obtained two (2) sets of samples of the treated material within each study area. Each set of samples was collected from different depths of the treated area and was analyzed for UCS and permeability. Renova lowered an in-situ sampler with the capacity to collect a discrete sample from the target depth.

The samples were placed into 3-inch x 6-inch molds and then shipped to Terrasense and Geotechnics for analysis. Each sample was analyzed for UCS (ASTM D1633) and Permeability or Hydraulic Conductivity (ASTM D5084) at intervals of 7 and 28 days. The verification sample summary is presented in **Table 4.2** below.

Table 4.2 ISS Pilot Grid Verification Sampling

Sample Date	Pilot Area	Sample 1 Collection depth (feet)	Sample 2 Collection depth (feet)	Days	UCS Results >50 psi		Permeability Results <10^{-6} cm/sec	
					Sample 1	Sample 2	Sample 1	Sample 2
2/7/2025	H	6-8	12-14	7	204	208	$2.5x10^{-7}$	$3.6x10^{-7}$
				28	468	392	$2.5x10^{-7}$	$2.7x10^{-7}$
2/12/2025	D	6-8	12-14	7	170	114	$3.2x10^{-7}$	$9.5x10^{-7}$
				28	395	265	$3.1x10^{-7}$	$3.6x10^{-9}$
2/27/2025	J(A)	6-8	12-14	7	60	40	$2.5x10^{-6}$	$6.2x10^{-6}$
				28	179	129	$2.3x10^{-6}$	$2.6x10^{-6}$
4/29/2025	C	6-8	12-14	7	610	572	$1.0x10^{-7}$	$9.2x10^{-9}$
				28	908	1157	$9.5x10^{-8}$	$6.7x10^{-9}$

Markings on the sampler tool were used to identify the depth of sample collection for Pilot-H, -D and J(A) while a GPS unit and laser level were used to identify the elevation of sample collection for Pilot-C.

Copies of the laboratory results are found in **Appendix E**.

5.0 QA/QC CORING

Per the requirements of the RAWP, one (1) core was planned to be collected per ISS pilot area to observe recovery and homogeneity in the core runs through the monolith. At the NYSDEC's request, two (2) additional cores were completed in Pilot D: one (1) core for the full monolith and another core for the lower portion of the monolith only. The coring began after the installation of casing at approximately 4.5 ft bgs in each coring location, which resulted in the loss of a 1-2 feet at the surface of the monolith due to the need to secure casing into the upper portion of the ISS monolith. A summary of the cores is included in **Table 5.1** below. The full observations and core photos are recorded in **Table 5.2** attached. The pre-existing InSite survey from February 2025 can be seen in **Figure 3.2** and the core locations can be seen in **Figure 5.1**.

Table 5.1 QA/QC Coring Summary

Date	ISS Area	Pilot Area	Core ID	Pre-existing Ground Elevation (ft-amsl)*	Top of Monolith Elevation (ft-amsl)**	Proposed Elevation of Treatment (ft-amsl)***	Lower Core Depth Elevation (ft-amsl)****
3/10-11/2025	H	H	Pilot-H	18.87	NS	2.87	0.63
3/11/2025	D	D	Pilot-D (SE)	15.55	11.60	-0.45	-2.49
3/12/2025	D	D	Pilot-D (NW)	14.6	11.60	-1.40	-1.89

Date	ISS Area	Pilot Area	Core ID	Pre-existing Ground Elevation (ft-amsl)*	Top of Monolith Elevation (ft-amsl)**	Proposed Elevation of Treatment (ft-amsl)***	Lower Core Depth Elevation (ft-amsl)****
3/13/2025	D	D	Pilot-D (NE)	14.5	11.60	-1.50	-1.742
3/13/2025	J	J(A)	Pilot-J(A) (West)	17.1	14.38	1.10	0.388
3/17/2025	J	J(A)	Pilot-J(A) (East)	16.8	14.94	0.80	-0.156
5/12-13/2025	C	C	Pilot-C	16.1	13.1	4.60	2.24

**As surveyed by InSite in February 2025; **As surveyed by Renova post mixing; ***Calculated as follows: [Pre-Cut Elevation (ft - amsl)] - [Proposed Depth of Treatment (ft bgs)]; ****Calculated as follows: [Existing Ground Elevation Before coring(ft-amsl)] - [Core Depth (ft bgs)]; NS = Not Surveyed*

6.0 HEALTH AND SAFETY PROTOCOLS

Air monitoring was performed during the implementation of the pilot study actions to protect the health and safety of Site workers and to confirm that air impacts from Site-related activities are not migrating off-Site. The monitoring program included monitoring for vapor, odors, and dust as part of the Community Air Monitoring Plan and the Health and Safety Plan submitted in the ISS Pilot Study Work Plan. Foam was used as an odor suppressant in any pilot areas that exhibited vapors leaving the site. Specifically, these vapors were observed from Pilot J(A), Pilot J(B) and Pilot C during ground disturbance; all work activities were halted until vapors were suppressed adequately. SESI completed monitoring with a PID around the perimeter of the excavation to evaluate any VOCs that potentially migrated off-site downwind of the excavation areas and adjacent any sensitive receptors. The handheld monitoring did not yield exceedances of VOCs; however, odors were still regularly monitored during all ISS activities.

7.0 SUMMARY OF FINDINGS

The results of the ISS pilot study were evaluated using the following multiple lines of evidence to determine the performance of the regent and the mixing:

- Quantities of reagents added during the mixing compared to the planned mix
- Daily field observations
- UCS
- Permeability
- Core observations:
    - Evidence of free product
    - Evidence of mixing through the soil column in the core
    - Percent recovery, which can be impacted by the amount of gravel and rock in the soil

Results for Pilot H

Based on the multiple lines of evidence, the mixing of Pilot H was completed per the RAWP and ISSPSWP. The QA/QC results, as detailed below, have met all the multiple lines of evidence to prove that the resulting monolith is homogeneous and met the required testing criteria.

- Volume Treated = 301 CY; Proposed Amendments = 47.7 Tons PC, 8.7 Tons ground granulated blast furnace slag (GGBFS); Actual Amendments = 26.4 Tons PC, 8.8 Tons GGBFS
- The field observation of the mixing, as described in daily reports and photos, has shown complete and homogeneous mixing of ISS-H.
- UCS >50 psi after 7 days (Passed)
- Permeability $<10^{-6}$ cm/sec after 7 days (Passed)
- Core observations:
    - No free product observed within the monolith
    - The mix was observed to be homogenous throughout the core column
    - Percent recoveries of the cores within the monolith were all greater than the required 60%, as shown in **Table 5.1**.

Results for Pilot D

- Volume Treated = 502 CY; Proposed Amendments = 43.7 Tons PC, 14.6 Tons GGBFS; Actual Amendments = 44.4 Tons PC, 14.8 Tons GGBFS
- The field observation of the mixing, as described in daily reports and photos, has shown complete and homogeneous mixing of Pilot-D.
- UCS >50 psi after 7 days (Passed)
- Permeability $<10^{-6}$ cm/sec after 7 days (Passed)
- Core observations:
    - Some NAPL was observed within the monolith starting at approximately 0.26 ft-amsl of core “Pilot-D(NE)”
    - The mix was not observed to be homogenous throughout the core column as core photos from “Pilot-D(NE)” show intermixed rock starting at 1.758 ft-amsl underlain by NAPL coated material.
    - Percent recovery was poor, as shown in **Table 5.1**.

Results for Pilot J(A)

- Volume Treated = 281 CY; Proposed Amendments = 24.4 Tons PC, 8.1 Tons GGBFS; Actual Amendments = 26.4 Tons PC, 8.8 Tons GGBFS
- The field observation of the mixing, as described in daily reports and photos, has shown complete and homogeneous mixing of Pilot J (A). However, a high content of rock and gravel was observed. Also, shallow water and wetter than usual conditions were observed in Pilot J(A).
- UCS >50 psi after 28 days (Passed)
- Permeability $<10^{-6}$ cm/sec after 28 days (Failed)
- Core observations:
    - Some free product was observed within the monolith as NAPL was reported in the drill mud tub at approximately 4.84 ft-amsl. The treatment depth for Pilot-J(A) is

0.34 ft-amsl, indicating NAPL was present within the monolith, or the monolith did not achieve design treatment depth.
  - The mix was observed not to be fully homogenous throughout the core column. Intermixed rock starting approximately 7.34 ft-amsl. Additionally, the coring drill was observed to quickly drop at approximately 4.84 ft-amsl, indicating a potential void within the monolith, or that the monolith did not achieve design treatment depth.
  - Percent recovery was poor, as shown in **Table 5.1**.

Results for Pilot C

- Volume Treated = 277 CY; Proposed Amendments = 19.3 Tons PC, 6.4 Tons GGBFS; Actual Amendments = 24.9 Tons PC, 24.9 Tons GGBFS
- The field observation of the mixing, as described in daily reports and photos, has shown complete and homogeneous mixing of Pilot-C.
- UCS >50 psi after 7 days (Passing)
- Permeability $<10^{-6}$ cm/sec after 7 days (Passing)
- Core observations:
  - No free product observed within the monolith
  - The mix was observed to be homogenous throughout the core column
  - Percent recoveries of the cores within the monolith were all greater than the required 60%, as shown in **Table 5.1**.

Results for Pilot J(B)

- This cell was excavated to 14 ft-amsl and then a portion of this cell was sifted to 0 ft-amsl. This sifting revealed the cell primarily consisted of brick, concrete and cobbles. Upon communicating these observations with the NYSDEC, it was determined that this cell will be remediated during the full scale operations. Therefore, no ISS was completed is this cell and further delineation of the observed debris will be conducted under a separate workplan.

The mixed cells met the required strength and permeability criteria in the 7-day testing, with the exception of cell ISS-J(A) which passed at the 28-day test.

Overall, the design mix (6% PC and 2% Slag) has achieved the required UCS, permeability and homogeneity in Pilot-H. The addition of more slag (6% PC and 6% Slag) to Pilot-C allowed this cell to also achieve this criteria.

8.0 RECOMMENDATIONS

Based on the conclusions listed in Section 7.0 and the additional observations/cores made/required by the NYSDEC inspector(s), SESI recommends the following for the full-scale mixing:

- Remix and/or remediate Pilot-D and -J(A);

- Increase the concentration of Slag (up to 6% of GGBFS) should a higher amount of mobile product be observed than anticipated (similar to Pilot-C);
- Use minimal volume of added water (the ratio of one [1] amendment: 0.52 water, relative to weight) where the groundwater table is observed to be higher;
- Extend the target mix depth down an additional one (1) foot greater than what is noted in the RAWP as a buffer. If bedrock is encountered in the mixing depth, the entire monolith bottom will be mixed to competent rock;
- Complete the mixing from several angles of the mixing cell, as needed;
- Coring will be limited to the mixed monolith to avoid skewing of the percentage recovery results. As part of QA/QC coring, a split spoon sample will be collected from below the monoliths that do not extend to bedrock. All monoliths that extend to competent bedrock will also be cored at least one (1)-foot into competent rock;
- The pre-disturbance elevation reported int eh February 2025 survey will be used to calculate the target depth elevation. The pre-disturbance and target treatment depth elevation for each will be pre-determined prior to mixing.
- A survey will be conducted before the excavation, post the excavation, and after the backfill post mixing. The values will be entered in **Table 8.1** (attached) and shared with project team including the contractors, NYSDEC and the construction team.
- A bucket-mounted Trimble® GPS (or similar) will be used to determine the pre-mix depth, post-mix depth, sample depth(s) and final monolith elevation for full-scale operations; and
- Boulders and debris greater than one (1)-foot in diameter will be removed from any cell and will not be returned to the cell at the completion of mixing. Rocks smaller than 1-foot diameter will be returned to the cell from which they originated; however, the total volume of rocks in a mixed cell will be no greater than 10%.

Tables

Table 5.2. ISS Pilot Coring Observations

Date	Location	Existing Ground Elevation NAVD88 Per the February 2025 Survey (ft-amsl)	Proposed Depth of Treatment Depth (ft-bgs)	Proposed Elevation of Treatment (ft-amsl)*	Core Run / Spoon	Existing Ground Elevation Before Coring (ft-amsl)	Core Depth (ft-bgs)	Core Depth Elevation** (ft-amsl)	Recovery	Treatment Recovery	Description	Core Photos
3/10/2025	Pilot-H	17.50	16	1.50	R1	17.13	4.5-6.5	12.63-10.63	72.5%		0-0.8.4": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor 8.4:-13.2": Same as above; however loose, (possible mechanical break) 13.2-14.4": Schist 14.4-17.4": Brick	
3/11/2025	Pilot-H	17.50	16	1.50	R2	17.13	6.5-11.5	10.63-5.63	91.8%		0-3": Brick 3-55": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor	
3/11/2025	Pilot-H	17.50	16	1.50	R3	17.13	11.5-16.5	5.63-0.63	47.5%	86.1% Calculated for the first 33.12 inches of the core	0-28.5": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor	
3/11/2025	Pilot-H	17.50	16	1.50	Spoon	17.13	16.5-18.5	0.63 to -1.37	75.0%		Brown Coarse to fine Sand and Clayey Silt, little medium to fine Gravel, no NAPL, staining, or sheen observed	
3/11/2025	Pilot-D (SE)	14.5	16	-1.50	R1	15.01	4.5-6.5	10.51-8.51	86.5%		0-20.75": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor	
3/11/2025	Pilot-D (SE)	14.5	16	-1.50	R2	15.01	6.5-11.5	8.51-3.51	90.0%		0-54": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor	
3/11/2025	Pilot-D (SE)	14.5	16	-1.50	R3	15.01	11.5-16.5	3.51 to -1.49	70.0%	88% recover based on 3.96' of the core in the treatment zone	0-24": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor 24-42": Dark gray/gray stained coarse to fine GRAVEL, trace coarse to fine Sand, trace Silt with cobbles	
3/11/2025	Pilot-D (SE)	14.5	16	-1.50	R4	15.01	16.5-17.5	-1.49 to - 2.49	0.0%		No recovery	
3/11/2025	Pilot-D (SE)	14.5	16	-1.50	Spoon 1	15.01	17.5-19.5	-2.49 to - 4.49	0.0%		No recovery	
3/11/2025	Pilot-D (SE)	14.5	16	-1.50	Spoon 2	15.01	19.5-21.5	-4.49 to - 6.49	54.2%		0-13": Dark gray/gray stained coarse to fine Gravel, some coarse to fine Sand, some Silt, with sheen, blebs, light odor	

Table 5.2. ISS Pilot Coring Observations

Date	Location	Existing Ground Elevation NAVD88 Per the February 2025 Survey (ft-amsl)	Proposed Depth of Treatment Depth (ft-bgs)	Proposed Elevation of Treatment (ft-amsl)*	Core Run / Spoon	Existing Ground Elevation Before Coring (ft-amsl)	Core Depth (ft-bgs)	Core Depth Elevation** (ft-amsl)	Recovery	Treatment Recovery	Description	Core Photos
3/12/2025	Pilot-D (NW)	14.5	16	-1.50	R1	14.61	4.5-6.5	10.11-8.11	66.7%		0-16": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor with brick and coal fragments	
3/12/2025	Pilot-D (NW)	14.5	16	-1.50	R2	14.61	6.5-11.5	8.11-3.11	71.3%		0-42.75": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor with brick and wood fragments	
3/12/2025	Pilot-D (NW)	14.5	16	-1.50	R3	14.61	11.5-16.5	3.11 to -1.89	54.6%	60.1% (Calculated for top 54.12 inches of the core in the treated area)	0-8": Gneiss 8-27.5": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor with brick and wood fragments 27.5-32.75": Gneiss	
3/12/2025	Pilot-D (NW)	14.5	16	-1.50	Spoon	14.61	16.5-18.5	-1.89 to -3.89	52.1%		0-3": Coarse to fine Gravel, little sand, trace Silt with sheen 3-9.5": Dark brown/ dark gray stained coarse to fine SAND, some coarse to fine Gravel, little Silt 9.5-12.5": Coarse to fine Gravel, little sand, trace Silt with sheen	
3/13/2025	Pilot-D (NE)	14.5	16	-1.50	R1	14.758	11.5-16.5	3.258 to -1.742	70.0%		"0-11": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor with brick and metal fragments" 11-33": Granite 35-42": Dark brown coated coarse to fine Sand, and Clayey Silt, little coarse to fine Gravel, with light odor	
3/13/2025	Pilot-J(A) (West)	16.8	16	0.80	R1	16.388	4-6	12.388-10.388	85.4%		0-20.5: Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor with wood at top of sample	

Table 5.2. ISS Pilot Coring Observations

Date	Location	Existing Ground Elevation NAVD88 Per the February 2025 Survey (ft-amsl)	Proposed Depth of Treatment Depth (ft-bgs)	Proposed Elevation of Treatment (ft-amsl)*	Core Run / Spoon	Existing Ground Elevation Before Coring (ft-amsl)	Core Depth (ft-bgs)	Core Depth Elevation** (ft-amsl)	Recovery	Treatment Recovery	Description	Core Photos
3/13/2025	Pilot-J(A) (West)	16.8	16	0.80	R2	16.388	6-11	10.388-5.388	99.2%		0-2": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor 2-5": Dark gray loose homogeneous ISS Mix, no NAPL observed, light odor (possible mechanical/grinding break) 5-16": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor with metal, brick, and concrete 16-19": Dark gray stained loose homogeneous ISS Mix, no NAPL observed, light odor 19-28": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor with brick 28-59.9": Fragmented gneiss, concrete, brick with portions of dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor	 
3/13/2025	Pilot-J(A) (West)	16.8	16	0.80	R3	16.388	11-16	5.388-0.388	38.3%	44.7% Calculated for the top 51.456 inches of the core in the treated area	0-23": Fragmented brick and rock Loose homogenous ISS Mix, no NAPL, light odor observed from 4 to 6"	
3/17/2025	Pilot-J(A) (East)	16.8	16	0.80	R1	16.344	4-6.5	12.344-9.844	54.2%		0-13": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor with wood fragments	
3/17/2025	Pilot-J(A) (East)	16.8	16	0.80	R2	16.344	6.5-11.5	9.844-4.844	97.5%		0-36": Dark gray solidified homogeneous ISS Mix, no NAPL observed, light odor 36-55": Fragmented Granite, schist, with fragmented homogeneous ISS Mix, no NAPL observed, light odor with metal	 
3/17/2025	Pilot-J(A) (East)	16.8	16	0.80	R3	16.344	11.5-16.5	4.844 to -0.156	23.3%	28.8% Calculated for the top 48.528 inches of the core in the treated area	0-8": Fragmented homogeneous ISS Mix, NAPL coating observed at 6", with odor, with metal 8-14": Dark gray coated coarse to fine GRAVEL, some coarse to fine Sand, little Silt with brick, metal debris	
5/12/2025	Pilot-C	16.1	11.5	4.60	R1	15.74	2.5-5.5	13.24 to 10.24	48.6%		0-17.5" Dark gray homogeneous solid ISS mix with brick fragments, light odor, and light sheen No free product observed	

Table 5.2. ISS Pilot Coring Observations

Date	Location	Existing Ground Elevation NAVD88 Per the February 2025 Survey (ft-amsl)	Proposed Depth of Treatment Depth (ft-bgs)	Proposed Elevation of Treatment (ft-amsl)*	Core Run / Spoon	Existing Ground Elevation Before Coring (ft-amsl)	Core Depth (ft-bgs)	Core Depth Elevation** (ft-amsl)	Recovery	Treatment Recovery	Description	Core Photos
5/12/2025	Pilot-C	16.1	11.5	4.60	R2	15.74	5.5-10.0	10.24 to 5.74	81.5%		0-44" Dark gray homogeneous solid ISS mix with brick fragments, light odor, and light sheen No free product observed	
5/13/2025	Pilot-C	16.1	11.5	4.60	R3	15.74	10.0-13.5	5.74 to 2.24	61.9%		0-26" Dark gray homogeneous solid ISS mix with brick fragments, light odor, and light sheen No free product observed	
5/13/2025	Pilot-C	16.1	11.5	4.60	Spoon	15.74	13.5-15.5	2.24 to 0.24	45.8%		0-11" Dark gray stained coarse to fine Sand, some medium to fine Gravel, some Silt with light sheen and light odor. No free product observed	

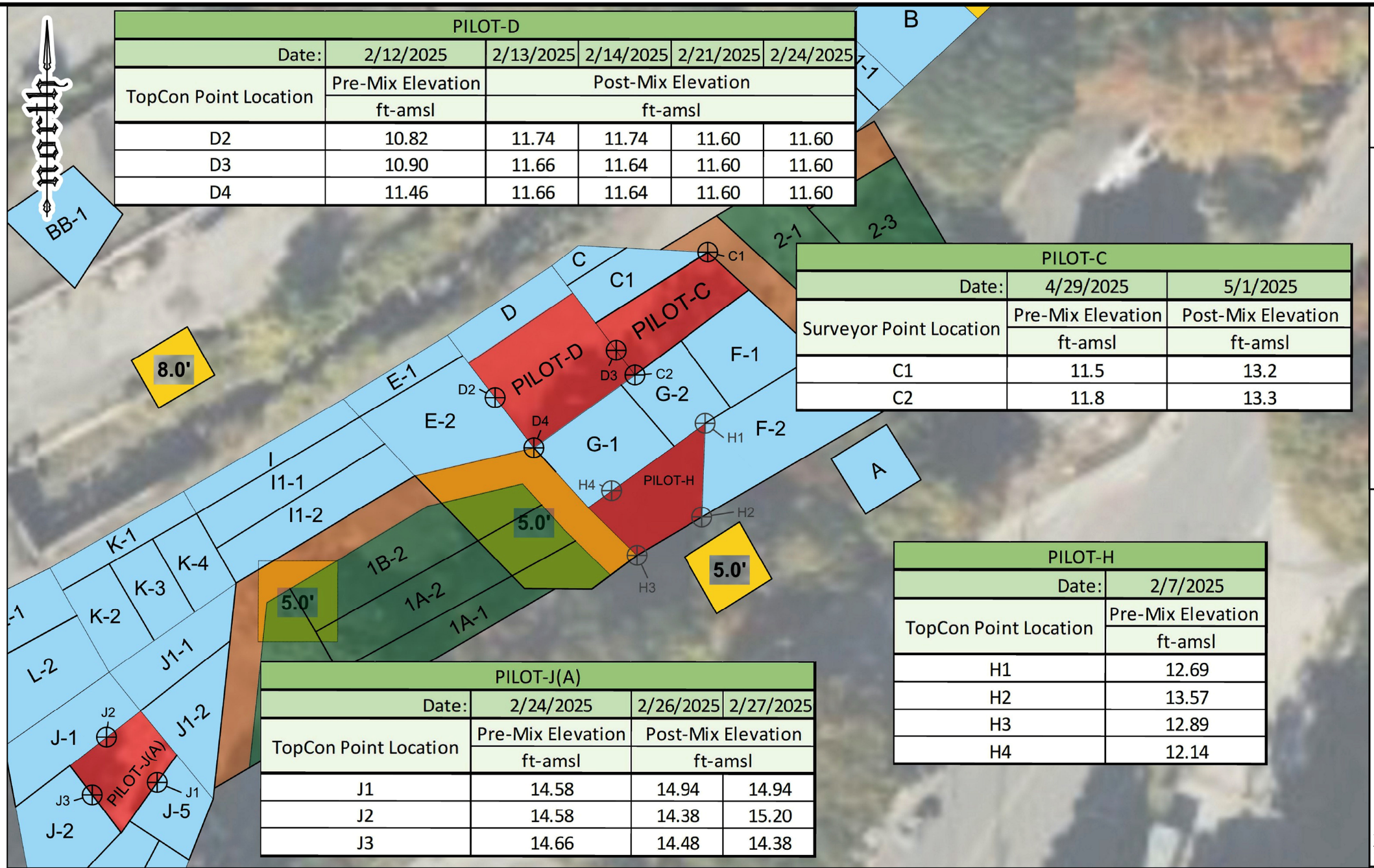
* Calculated as follows: [Pre-Cut Elevation (ft - amsl)] - [Proposed Depth of Treatment (ft bgs)]

** Calculated as follows: [Existing Ground Elevation Before coring(ft-amsl)] - [Core Depth (ft bgs)]

Table 8.1: Survey Table

Column A	Column B	Column C		Column D	Column E	Column F	Column G		Column H
Mixing Cell	Existing Ground Elevation NAVD88 Per the February 2025 Survey	Target Mix Depth (RAWP +1 ft)	Target Mix Depth (RAWP +1 ft) + Structural	Target Mix Bottom Elevation Calculated Column B - Column C	Ground Elevation Post Cut NAVD88 Measured by Licensed Surveyor	Treatment Depth* Column E - Column D	Ground elevation Prior to Coring NAVD88 Measured by Licensed Surveyor		Target Coring Depth Calculated Column G - Column D
	ft - amsl	ft-bgs	ft-bgs	ft-amsl	ft-amsl	ft - bgs	ft-amsl	Date	ft bgs
Pilot - C	16.1	12.5	14	2.1	13.1	11	15.74	5/12/2025	13.64

Figures



PILOT-D					
Date:	2/12/2025	2/13/2025	2/14/2025	2/21/2025	2/24/2025
TopCon Point Location	Pre-Mix Elevation	Post-Mix Elevation			
	ft-amsl	ft-amsl			
D2	10.82	11.74	11.74	11.60	11.60
D3	10.90	11.66	11.64	11.60	11.60
D4	11.46	11.66	11.64	11.60	11.60

PILOT-C		
Date:	4/29/2025	5/1/2025
Surveyor Point Location	Pre-Mix Elevation	Post-Mix Elevation
	ft-amsl	ft-amsl
C1	11.5	13.2
C2	11.8	13.3

PILOT-H		
Date:	2/7/2025	
TopCon Point Location	Pre-Mix Elevation	
	ft-amsl	
H1	12.69	
H2	13.57	
H3	12.89	
H4	12.14	

PILOT-J(A)			
Date:	2/24/2025	2/26/2025	2/27/2025
TopCon Point Location	Pre-Mix Elevation	Post-Mix Elevation	
	ft-amsl	ft-amsl	
J1	14.58	14.94	14.94
J2	14.58	14.38	15.20
J3	14.66	14.48	14.38

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REFERENCE:
EXISTING CONDITIONS TAKEN FROM CELL LAYOUT PREPARED BY RENOVA ENVIRONMENTAL COMPANY, DATED 5/21/2025.

NOTES:
1. ALL ELEVATIONS ARE IN FT-AMSL
2. THE VERTICAL CONTROL DATUM IS NAVD 88

LEGEND:
- 10' BUFFER
- EXCAVATION ONLY AREA
- ISS MIX AREA
- PILOT MIX AREA
- STRUCTURAL MIX AREA

SCALE: 1" = 30'
0 15 30 60 FEET

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 5/21/2025

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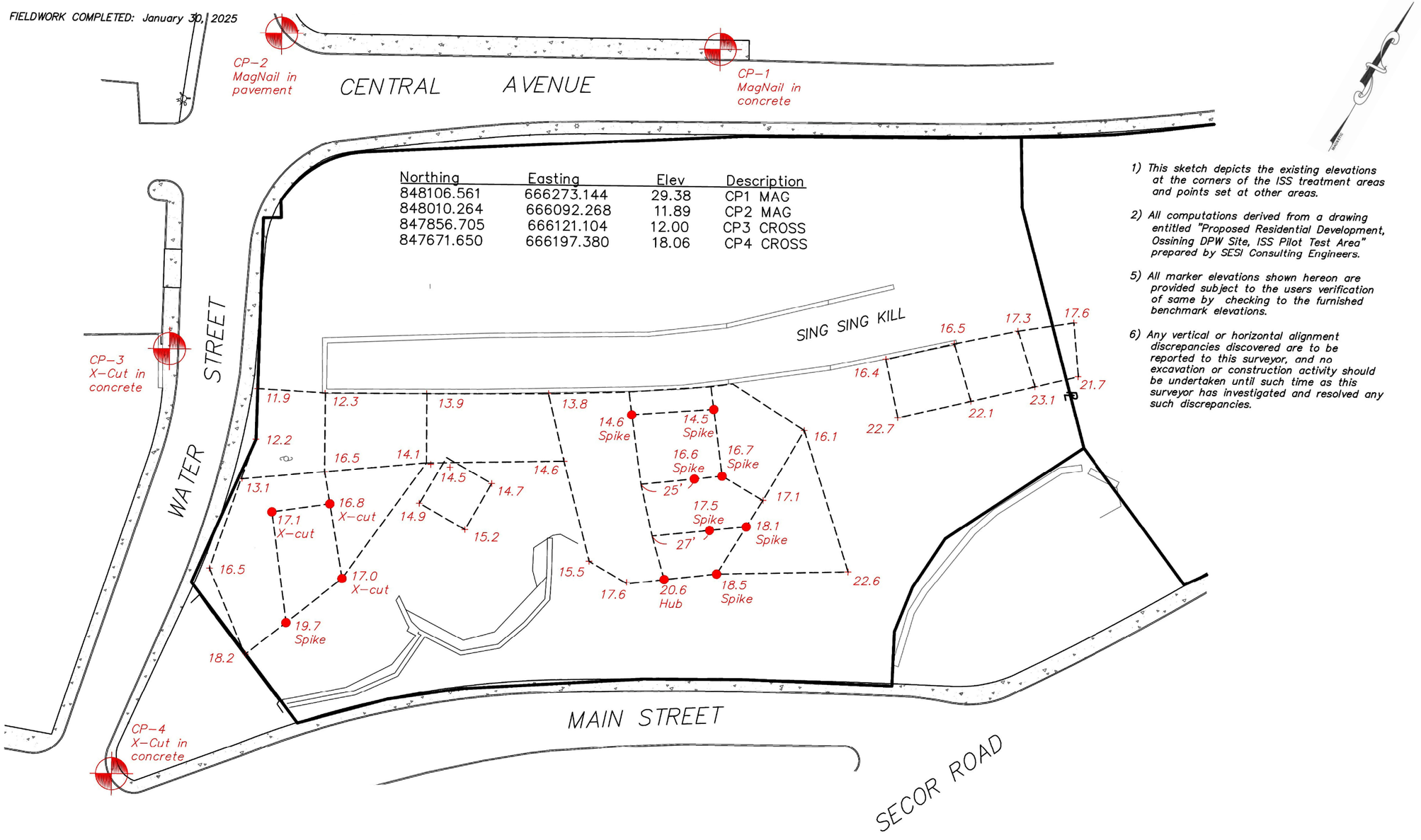
project: 30 WATER STREET
TOWN OF OSSINING, WESTCHESTER COUNTY, NY

title: CELL LAYOUT

job no.: 11498
drawing no: FIG-3.1

Y:\GIS\Project_Numbers\11498\FINAL_MAPS, 5/21/2025 5:37 PM, Kim Vanderklein, LAYOUT: FIG-3.1

FIELDWORK COMPLETED: January 30, 2025



Northing	Easting	Elev	Description
848106.561	666273.144	29.38	CP1 MAG
848010.264	666092.268	11.89	CP2 MAG
847856.705	666121.104	12.00	CP3 CROSS
847671.650	666197.380	18.06	CP4 CROSS

1) This sketch depicts the existing elevations at the corners of the ISS treatment areas and points set at other areas.

2) All computations derived from a drawing entitled "Proposed Residential Development, Ossining DPW Site, ISS Pilot Test Area" prepared by SESI Consulting Engineers.

5) All marker elevations shown hereon are provided subject to the users verification of same by checking to the furnished benchmark elevations.

6) Any vertical or horizontal alignment discrepancies discovered are to be reported to this surveyor, and no excavation or construction activity should be undertaken until such time as this surveyor has investigated and resolved any such discrepancies.

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REFERENCE:

EXISTING AND PROPOSED CONDITIONS TAKEN FROM CELL "LAYOUT SKETCH PREPARED FRO 30 WATER STREET", PREPARED BY INSITE ENGINEERING, SURVEYING, AND LANDSCAPE ARCHITECTURE, P.C., DATED FEB 3, 2025.

NOTES:

1. ALL ELEVATIONS ARE IN FT-AMSL
2. THE VERTICAL CONTROL DATUM IS NAVD 88

LEGEND:

14.5 -- VERTICAL ELEVATIONS IN FT-AMSL

SCALE: 1" = 50'

0 25 50 100 FEET

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 5/21/2025

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project:
30 WATER STREET
TOWN OF OSSINING, WESTCHESTER COUNTY, NEW YORK

title:
PRE-EXCAVATION SURVEY

job no.: 11498
drawing no:
FIG-3.2

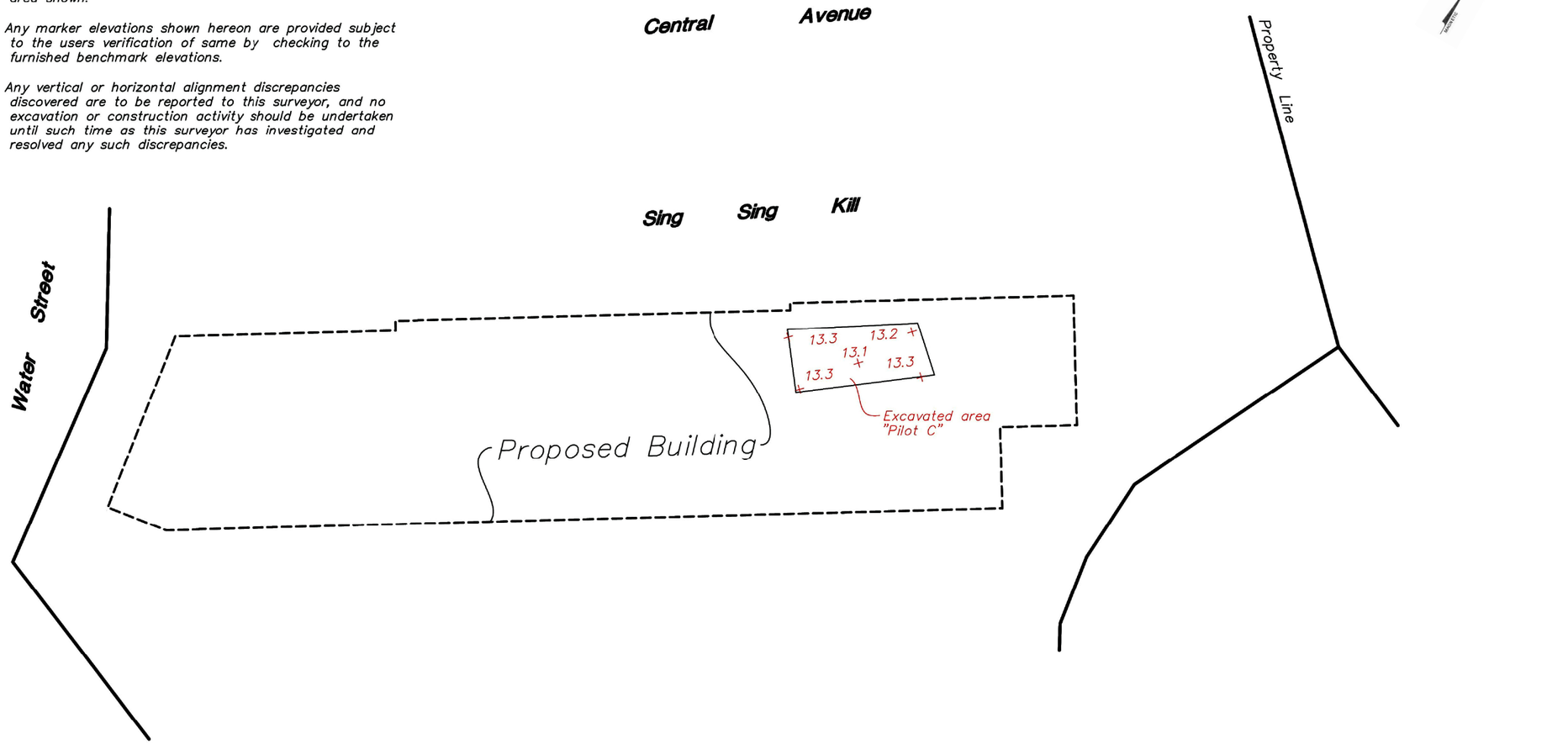
Y:\GIS\Project_Numbers\11498\FINAL_MAPS, 5/21/2025 4:04 PM, Kim Vanderklein, LAYOUT: FIG-3.2

FIELDWORK COMPLETED: May 19, 2025

1) *This sketch depicts the elevations within the excavated area shown.*

2) *Any marker elevations shown hereon are provided subject to the users verification of same by checking to the furnished benchmark elevations.*

3) *Any vertical or horizontal alignment discrepancies discovered are to be reported to this surveyor, and no excavation or construction activity should be undertaken until such time as this surveyor has investigated and resolved any such discrepancies.*



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REFERENCE:

EXISTING AND PROPOSED CONDITIONS TAKEN FROM CELL "SKETCH PREPARED FRO 30 WATER STREET", PREPARED BY INSITE ENGINEERING, SURVEYING, AND LANDSCAPE ARCHITECTURE, P.C., DATED MAY 2, 2025.

NOTES:

1. ALL ELEVATIONS ARE IN FT-AMSL
2. THE VERTICAL CONTROL DATUM IS NAVD 88

LEGEND:

- PROPOSED BUILDING
- 13.1 -- VERTICAL ELEVATIONS IN FT-AMSL

SCALE: 1" = 40'

0 25 50 100 FEET

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 5/21/2025

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project:
BLOCK 40, LOT 118
RIVERSIDE PARK
REICH AVENUE, MAHWAH TWP, BERGEN COUNTY, NJ

title:
TOP OF MONOLITH SURVEY FOR PILOT C PRIOR TO BACKFILL

job no.: 12927
drawing no:
FIG-3.3

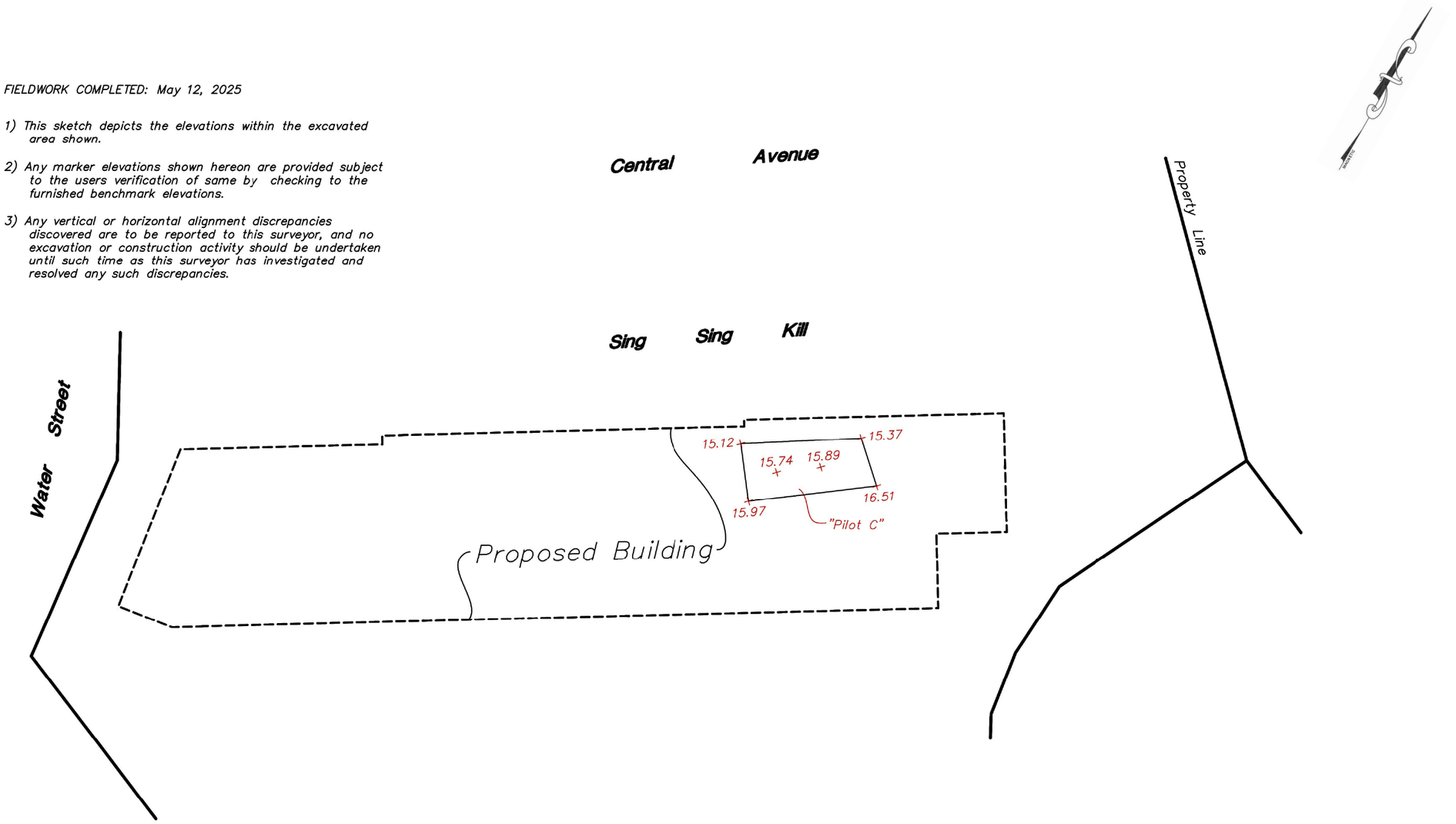
Y:\GIS\Project_Numbers\11498\FINAL_MAPS, 5/21/2025 3:58 PM, Kim Vanderklein, LAYOUT: FIG-3.3

FIELDWORK COMPLETED: May 12, 2025

1) This sketch depicts the elevations within the excavated area shown.

2) Any marker elevations shown hereon are provided subject to the users verification of same by checking to the furnished benchmark elevations.

3) Any vertical or horizontal alignment discrepancies discovered are to be reported to this surveyor, and no excavation or construction activity should be undertaken until such time as this surveyor has investigated and resolved any such discrepancies.



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REFERENCE:
EXISTING AND PROPOSED CONDITIONS TAKEN FROM CELL "SKETCH PREPARED FRO 30 WATER STREET", PREPARED BY INSITE ENGINEERING, SURVEYING, AND LANDSCAPE ARCHITECTURE, P.C., DATED MAY 13, 2025.

NOTES:
1. ALL ELEVATIONS ARE IN FT-AMSL
2. THE VERTICAL CONTROL DATUM IS NAVD 88

LEGEND:

- - - PROPOSED BUILDING
15.12 -- VERTICAL ELEVATIONS IN FT-AMSL

SCALE: 1" = 40'

0 25 50 100 FEET

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 5/21/2025

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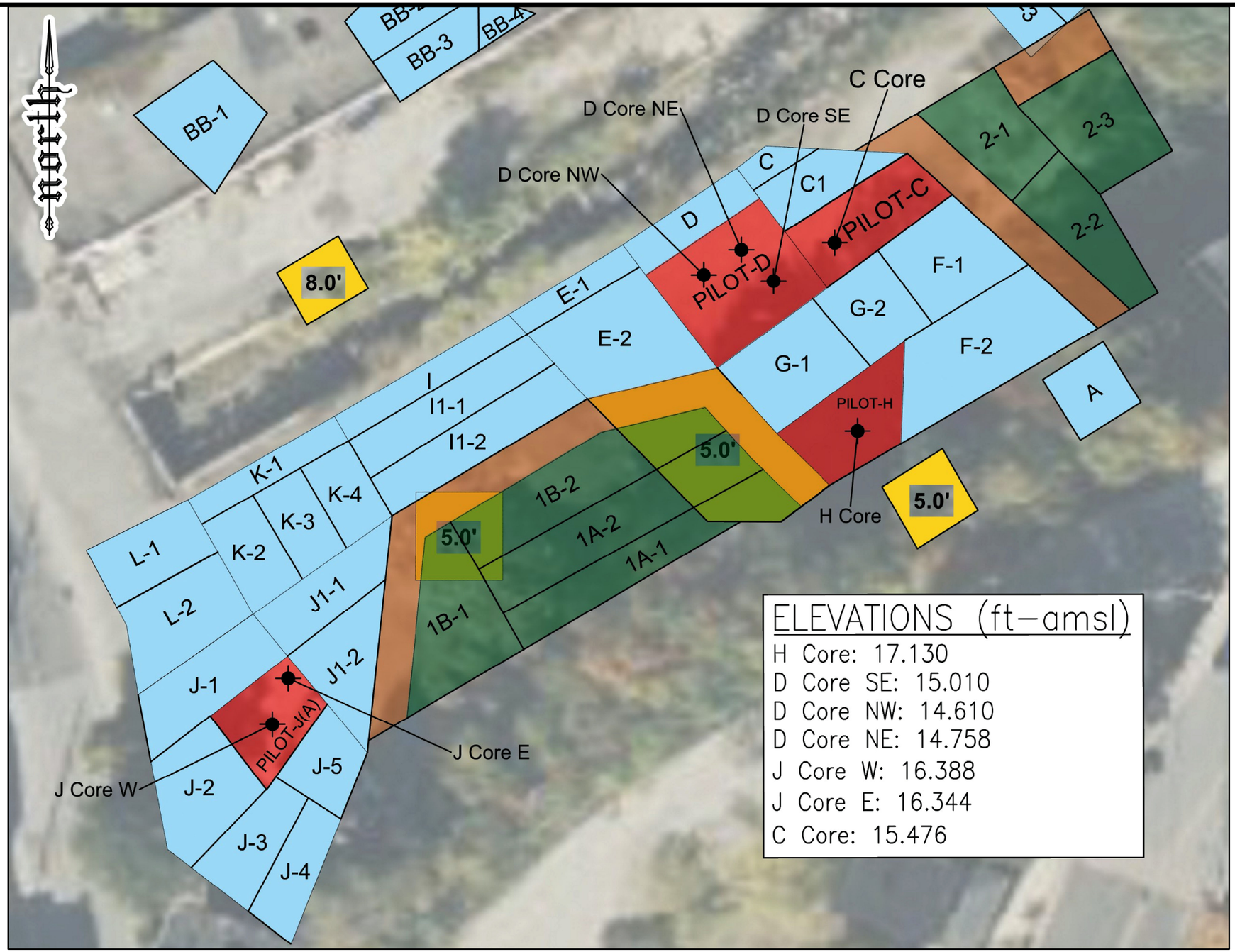
project: 30 WATER STREET
TOWN OF OSSINING, WESTCHESTER COUNTY, NY

title: **POST-BACKFILL SURVEY PRIOR TO CORING PILOT C**

job no.: 11498
drawing no:

FIG-4.1

Y:\GIS\Project_Numbers\11498\FINAL_MAPS, 5/21/2025 4:03 PM, Kim Vanderklein, LAYOUT: FIG-3.3



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REFERENCE:
EXISTING CONDITIONS TAKEN FROM CORING LOCATIONS PREPARED BY RENOVA ENVIRONMENTAL COMPANY, DATED 5/21/2025.

NOTES:
1. ALL ELEVATIONS ARE IN FT-AMSL
2. THE VERTICAL CONTROL DATUM IS NAVD 88

LEGEND:
- 10' BUFFER
- EXCAVATION ONLY AREA
- ISS MIX AREA
- PILOT MIX AREA
- STRUCTURAL MIX AREA

SCALE: 1" = 30'
0 15 30 60 FEET

dwg by: KBV
chk by: CM
scale: AS NOTED
date: 5/21/2025

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project: 30 WATER STREET
TOWN OF OSSINING, WESTCHESTER COUNTY, NY

title: **CORING LOCATIONS**

job no.: 11498
drawing no: FIG-5.1

Y:\GIS\Project_Numbers\11498\FINAL_MAPS, 5/21/2025 5:37 PM, Kim Vanderklein, LAYOUT: FIG-5.1

Appendix A:

Treatability Testing Report

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TREATABILITY TESTING REPORT

For:

Section 89.19, Block 6, Lots 26, 27, 28 and 29
30 Water Street
Ossining, New York

Prepared for:
WB 30 Water Street, LLC
480 Bedford Road
Chappaqua, New York 10594

Prepared by:

SESI CONSULTING ENGINEERS, D.P.C.
959 Route 46E, Floor 3, Suite 300
Parsippany, NJ 07054

APRIL 2024

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Table 14: ANS 16.1 compared to SPLP SOIL MIX and SPLP Leachability Results (Mix#3)

Table 15: ANS 16.1 compared to SPLP SOIL MIX and SPLP Leachability Results (Mix#4)

FIGURES

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Figure 3: Homogenized soil (SOIL MIX)

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APPENDICES

Appendix A: Initial Analytical Laboratory Reports

Appendix B: UCS and Permeability Geotesting Express Reports

Appendix C: Leachability Analytical Data Reports

LIST OF ACRONYMS

Acronym	Definition
ASTM	American Society for Testing and Material
COC	Contaminant of Concern
NAPL	Non Aqueous Phase Liquid
GGBFS	Ground Granulated Blast Furnace Slag
ISS	In Situ Solidification
NYSDEC	New York State Department of Environmental Conservation
PC	Portland Cement
SPLP	Synthetic Precipitation Leaching Procedure
SVOC	Semi-volatile Organic Compound
TAL	Target Analyte List
UCS	Unconfined Compressive Strength
VOC	Volatile Organic Compound

1.0 INTRODUCTION

SESI has evaluated In-Situ Solidification (ISS) treatment options for coal tar contaminated soil at the Former Ossining Works site ("Site") in Ossining, NY. The contaminants of concern that exceed the Restricted Residential Soil Cleaup Objectives include Semi-Volatile Organic Compounds (SVOCs) and Volatile Organic Compounds (VOCs). ISS has been used to minimize contaminant migration in coal tar contaminated soil by encapsulating the soil to form a solid material to minimize surface area exposed to leaching. Typical criteria to evaluate the effectiveness of the ISS process are a hydraulic conductivity equal to or less than 10^{-6} centimeters per second (cm/sec) using the American Society for Testing and Material (ASTM) test method D 5084, and an Unconfined Compressive Strength (UCS) equal to or greater than 50 pounds per square inch (psi) using test method ASTM D1633 after 28 days.

Clean and coal tar contaminated soil samples from the Site were collected by SESI in 5-gal plastic buckets. Soils were collected from borings BB-7, BB-8 and BB-9 (**Figure DWG-1**) where coal tar NAPL contamination was detected. Five (5) ISS treatments were evaluated. The amendments used were Portland Cement Canakkle Type II from Heidelberg Materials (PC1), Portland Cement Type II from Holcim (PC2), Ground Granulated Blast Furnace Slag (GGBFS) from Heidelberg Materials (GGBFS1), and GGBFS (NewCem®) from Holcim (GGBFS2). Bentonite (Cementgel®) from WYO-BEN was also used in the study. The treatments tested are presented in **Table 1** below:

Table 1: ISS Treatments

Mix No.	Mix amendments (%dry weight)	Water:Amendment (weight ratio)
1	6% PC1, 2% GGBFS1	1:1
2	6% PC2 and 2% GGBFS2	1:1
3	5% PC1, 2% GGBFS1, 1% bentonite	1:1
4	5% PC2, 2% GGBFS2, 1% bentonite	1:1
5*	6% PC2 and 2% GGBFS2	1.2:1

*tested for UCS and permeability only

The treatments were chosen based on their solidification and leaching mitigation potential. Bentonite was evaluated as an additive to adsorb organic contaminants while solidifying the soils, thus further minimizing the leaching potential of SVOC and VOC contaminants. The selection of the optimal treatment was based on the ability of the solidified materials to achieve a compressive

strength of at least 50 psi after 28 days, a permeability of <10E-06 and a reduced leachability of the contaminants. Although unconfined compressive strength (UCS) and hydraulic conductivity are primary criteria, the leachability of the various mixes were evaluated in the treatability study. A non-destructive leachability test was used in addition to the Synthetic Precipitation Leaching Procedure (SPLP) to evaluate the mixtures. The SPLP is a test that destroys the solidified matrix by grinding the sample, thereby destroying the integrity of the solidified monolith. Therefore, it does not adequately reflect the ability of the solidified material to prevent leaching of the contaminants. Non-destructive tests such as ANS 16.1 provide a better assessment of leachability because the solidified sample matrix remains intact. This method evaluates the mass transfer of constituents from the surface of the solidified material over time, which represents the principal chemical exposure pathway anticipated following solidification. An intact sample of treated material is submersed in a bath of site groundwater for several time increments, with the aqueous phase analyzed for the potential contaminants of concern. Because the contaminants of concern have low water solubility, a modified ANS 16.1 method was used for this study, i.e., a 5-day exposure of the solidified monoliths to clean water followed by testing of water for the contaminants of concern.

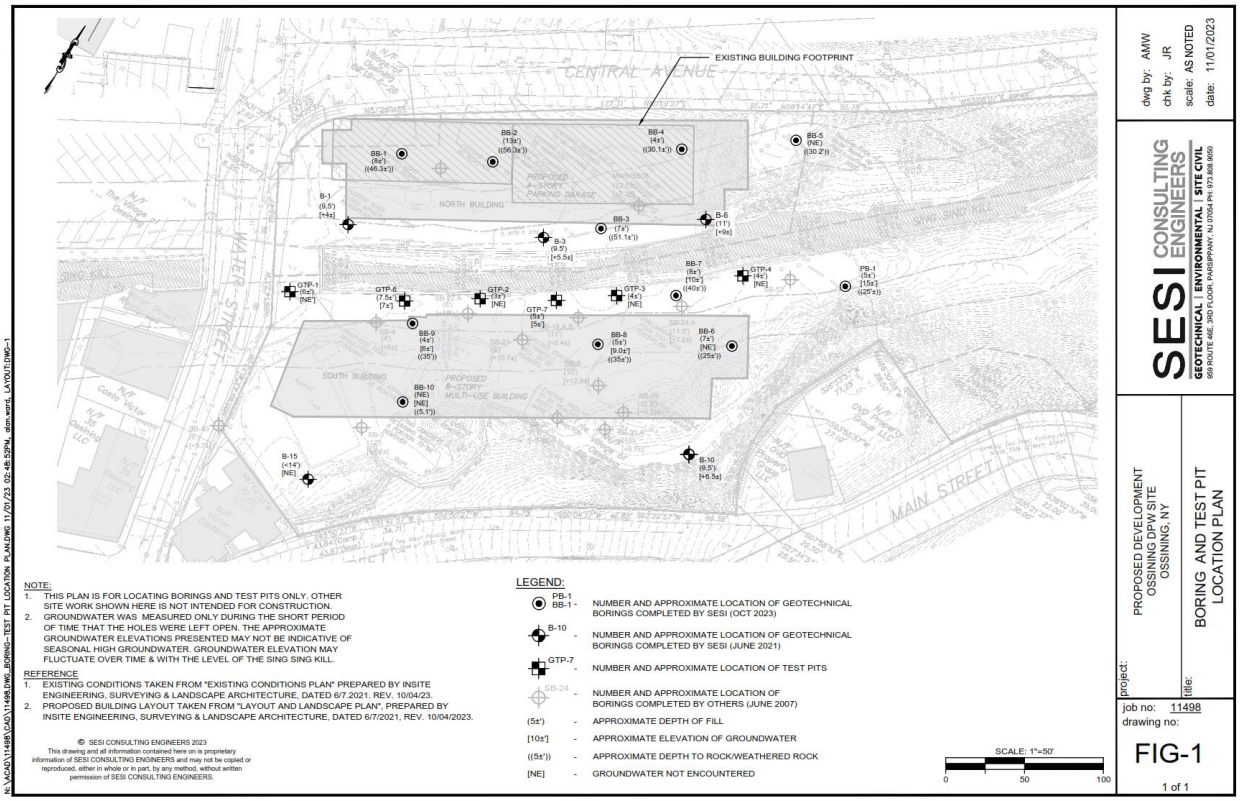


Figure 1: Soil Boring Locations

2.0 TREATABILITY TESTING APPROACH

The composite soil used in the study consisted of 30% by weight of coal tar contaminated soil and 70% of clean soil. The clean soil and coal tar contaminated soils were mixed to simulate on-site ISS treatment. The amendments were first mixed with tap water to create the grout material. The grout was then mixed with the soil composite at the desired dosages to create a pancake batter-like mixture with no free liquids. Additional water was added, as necessary. The mixing was conducted for 5 min in a Kitchen Aid Classic Mixer at 60 rpm. Subsequently, the mixtures were used to fill a series of 4" long by 2" diameter polypropylene cylinder molds. The molds were left to cure at room temperature before testing for the 7, 14 and 28-day UCS, 14-day and 28-day permeability. Shipping of the cured molds was timed so that the UCS and permeability tests were conducted at Geotesting Express in Acton, MA at the prescribed days. The following criteria were used as part of the evaluation process:

- Hydraulic Conductivity (K): The solidified mass needed to exhibit an average hydraulic conductivity (permeability) equal to or less than 10^{-6} cm/sec, using the ASTM test method D 5084.
- UCS: The solidified mass needed to exhibit an average UCS value equal to or greater than 50 pounds per square inch (psi) utilizing test method ASTM D1633 after 28 days.

Based on the UCS and hydraulic conductivity tests (28 days), the SPLP and modified ANS 16.1 leaching tests were performed on test samples that have satisfied the above criteria for both UCS and hydraulic conductivity.

Mix#5 soil mix prior to treatment consisted of 50% by weight coal tar contaminated soil with 50% by weight clean soil. It was tested for UCS and hydraulic conductivity to assess whether a higher coal tar contaminated soil to clean soil ratio would still meet the UCS and hydraulic conductivity criteria.

2.1 Receipt of Samples

Soil samples from borings BB-7, BB-8 and BB-9 (**Figure 1**) were collected in 5-gal buckets by SESI from October 19 to October 26, 2023 and delivered to the UCONN Civil and Environmental Geoenvironmental laboratory on November 1, 2023. The soil buckets were stored in a walk-in refrigerator set a 4^{o}C. Clean soil (no coal tar) was placed in one 5-gal plastic bucket ("CLEAN

SOIL") and coal tar contaminated soil was placed in one 5-gal bucket ("DNAPL"). Soil Sample DNAPL contained visible coal tar NAPL and a strong odor.



Figure 2: From left to right - Site Clean Soil and Coal Tar-contaminated Soil

2.2 Soil Sample Preparation and Baseline Characterization

The composite soil used in the study was obtained by mixing soils from the CLEAN SOIL bucket with soils from the coal tar-contaminated soils (DNAPL) to simulate the on-Site ISS process. Gravel or rocks greater than ½" were removed from the mix. The soils were mixed and homogenized in a 20-Liter Vevor Planetary Mixer at a 70:30 clean to coal tar-contaminated soil ratio to obtain the homogenized composite sample (SOIL MIX). Following homogenization (**Figure 3**), aliquots of the SOIL MIX soil were collected for characterization testing. A sample of tap water water (TAP) was also characterized.



Figure 3: Homogenized soil (SOIL MIX)

The SOIl MIX soil sample was tested for Grain Size and the contaminants of concern (SVOCs, VOCs and TAL Metals). The sample was also tested for leachability parameters (SPLP SVOCs, SPLP VOCs and SPLP TAL Metals). The tap water used in the study (TAP) was tested for SVOCs, VOCs and TAL Metals. The soil and groundwater samples were sent for analysis to Alpha Laboratories in Mansfield, MA under chain of custody.

2.3 ISS Tests

The following ISS tests were performed:

Task 1: 6%PC1, 2% GGBFS1 (Mix#1)

The SOIL MIX soil was treated with 6% Heidelberg Portland Cement and 2% Heidelberg GGBFS (by soil dry weight). The soil moisture content was measured to be 14.28%. Experimental conditions are presented in **Table 2**. The amendments were first mixed with tap water to create the grout material. The grout was then mixed with the soil at the desired dosage to create a pancake batter-like mixture with no free liquids. To ensure reproducibility of the ISS tests, particles larger than 0.5 inch in diameter were removed from the soil prior to mixing.

The mixing was conducted for 5 min in a Kitchen Aid Classic Mixer at 60 rpm. Subsequently, the mixtures were used to fill a series of 4" long by 2" diameter polypropylene cylinder molds (**Figure 4**). Seven molds were set up for each dosage (three molds for UCS, two for Permeability, one for SPLP, and one for the ANS 16.1 leaching test). The molds were left to cure at room temperature before testing for the 7, 14 and 28-day UCS, 14-day and 28-day hydraulic conductivity (permeability). Shipping of the cured molds was timed so that the UCS and permeability tests were conducted at Geotesting Express in Acton, MA at the prescribed days. Samples that passed the UCS criterion of 50 psi were further tested for permeability. Samples that passed both the UCS and permeability criteria were tested for SPLP and ANS 16.1 leachability.

Mix#1	Soil mass, wet weight, g	Soil mass, dry weight, g	PC1 added, g	GGBFS1 added, g	Total Water added, cc	# of molds
6%PC1, 2% GGBFS1	2,714	2326.5	139.6	46.5	186.1	7

Table 2: Experimental Conditions (Mix#1)



Figure 4: From left to right – adding amendments to SOIL MIX, mixing, molds

Task 2: 6% PC2 and 2% GGBFS2 (Mix#2)

The SOIL MIX soil was treated with 6% Holcim Portland Cement and 2% Holcim GGBFS (by soil dry weight). Experimental conditions are presented in **Table 3**. The testing procedure followed Task 1 above.

Mix#2	Soil mass, wet weight, g	Soil mass, dry weight, g	PC2 added, g	GGBFS2 added, g	Total Water added, cc	# of molds
6%PC2, 2% GGBFS2	2,750	2357	141.4	47.2	188.6	7

Table 3: Experimental Conditions (Mix#2)

Task 3: 5% PC1, 2% GGBFS1, 1% Bentonite

The SOIL MIX soil was treated with 5% Heidelberg Portland Cement, 2% Heidelberg GGBFS and 1% Bentonite (by soil dry weight). Experimental conditions are presented in **Table 4**. The testing procedure followed Task 1 above.

Mix#3	Soil mass, wet weight, g	Soil mass, dry weight, g	PC1 added, g	GGBFS1 added, g	Bentonite, g	Total Water added, cc	# of molds
5% PC1, 2% GGBFS1, 1% Bentonite	2,750	2357	117.9	47.2	23.6	188.6	7

Table 4: Experimental Conditions (Mix#3)

Task 4: 5% PC2, 2% GGBFS2 and 1% Bentonite

The SOIL MIX soil was treated with 5% Holcim Portland Cement, 2% Holcim GGBFS and 1% Bentonite (by soil dry weight). Experimental conditions are presented in **Table 5**. The testing procedure followed Task 1 above.

Mix#4	Soil mass, wet weight, g	Soil mass, dry weight, g	PC2 added, g	GGBFS2 added, g	Bentonite, g	Total Water added, cc	# of molds
5% PC2, 2% GGBFS2, 1% Bentonite	2,750	2357	117.9	47.2	23.6	188.6	7

Table 5: Experimental Conditions (Mix#4)

Task 5: 5% PC2, 5% GGBFS2

Mix#5 soil mix prior to treatment consisted of 50% by weight coal tar contaminated soil with 50% by weight clean soil and tested for UCS and hydraulic conductivity to assess whether a higher coal tar contaminated soil to clean soil ratio would still meet the UCS and hydraulic conductivity criteria.

The soil mix was treated with 6% Holcim Portland Cement and 2% Holcim GGBFS (by soil dry weight). Experimental conditions are presented in **Table 6**. The testing procedure followed Task 1 above except that SPLP and leachability ANS 16.1 were not tested. The 1/1 water to amendment

dry weight ratio was not sufficient to obtain a pancake batter-like mixture. Therefore, a 1.2 to 1 water to amendment ratio was used.

Mix#5	Soil mass, wet weight, g	Soil mass, dry weight, g	PC2 added, g	GGBFS2 added, g	Total Water added, cc	# of molds
6%PC2, 2% GGBFS2	2,800	2400	144	48	211.2	7

Table 6: Experimental Conditions (Mix#5)

Task 6: Leachability Tests

Samples from Mixes 1 to 4 that passed the UCS criterion of > 50 psi and a hydraulic conductivity equal to or less than 10^{-6} cm/sec permeability were tested for SPLP and leachability. The molds containing the SPLP samples were shipped to Alpha Analytical (Mansfield, MA) for SPLP testing. The modified ANS 16.1 leaching tests were performed at the UCONN lab. First, the surface area of an intact treated sample from a mold was measured. This was necessary to determine the volume of groundwater to place in contact with the soil sample. The ANS 16.1 stipulates a 10:1 water volume to sample surface area ratio. The soil sample from the mold was submersed in water in a 2-liter Erlenmeyer flask while minimizing soil contact surface area with the glass (**Figure 5**). The flasks were covered with aluminum foil during the 5-day contact period. At the end the 5-day test, the aqueous phase was subsampled and analyzed for the contaminants of concern (SVOCs, VOCs, Target Analyte List [TAL} metals).



Figure 5: ANS 16.1 Leaching test setup

3.0 RESULTS AND DISCUSSION

Results of the characterization and ISS tests are discussed in the following sections.

3.1 Baseline Characterization Results

The composite soil sample used in the study (SOIL MIX) was tested for grain size, SVOCs, VOCs, TAL Metals, SPLP SVOCs, SPLP VOCs and SPLP TAL Metals. The analytical data report is presented in **Appendix A**. **Table 7** below presents a summary of the soil testing results (detected compounds only). The grain size analysis indicates that the SOIL MIX soil is a silty sand (68% total sand, 19% total fines). The total VOC concentrations were 155.8 mg/kg (mostly Naphthalene) with exceedances of the Unrestricted Residential Soil Cleanup Objectives for Benzene, Naphthalene and total Xylenes. The total SVOC concentration was 32.8 mg/kg. No Unrestricted Residential Soil Cleanup Objectives exceedances for SVOCs were detected for the SOIL MIX sample. No TAL Metals Unrestricted Residential Soil Cleanup Objectives exceedances were observed.

Table 7: Soil Composite (SOIL MIX) Characterization Results Summary

				SAMPLE ID:			SOIL MIX	
				LAB ID:			L2404824-01	
				COLLECTION DATE:			1/29/2024	
				SAMPLE DEPTH:				
				SAMPLE MATRIX:			SOIL	
		NY-RESR	NY-RESRR	NY-UNRES				
ANALYTE	**CAS**	**(mg/kg)**	**(mg/kg)**	**(mg/kg)**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY GC/MS								
Benzene	71-43-2	2.9	4.8	0.06	0.24		0.03	0.01
Toluene	108-88-3	100	100	0.7	0.29		0.061	0.033
Ethylbenzene	100-41-4	30	41	1	0.38		0.061	0.0086
p/m-Xylene	179601-23-1				0.49		0.12	0.034
o-Xylene	95-47-6				0.3		0.061	0.018
Xylenes, Total	1330-20-7	100	100	0.26	0.79		0.061	0.018
Styrene	100-42-5				0.21		0.061	0.012
n-Butylbenzene	104-51-8	100	100	12	0.036	J	0.061	0.01
sec-Butylbenzene	135-98-8	100	100	11	0.011	J	0.061	0.0089
Isopropylbenzene	98-82-8				0.048	J	0.061	0.0066
p-Isopropyltoluene	99-87-6				0.085		0.061	0.0066
Naphthalene	91-20-3	100	100	12	150		4.9	0.79
n-Propylbenzene	103-65-1	100	100	3.9	0.043	J	0.061	0.01
1,3,5-Trimethylbenzene	108-67-8	47	52	8.4	0.48		0.12	0.012
1,2,4-Trimethylbenzene	95-63-6	47	52	3.6	1.6		0.12	0.02
p-Diethylbenzene	105-05-5				0.15		0.12	0.011
p-Ethyltoluene	622-96-8				1		0.12	0.023
1,2,4,5-Tetramethylbenzene	95-93-2				0.43		0.12	0.012
Total VOCs					155.793	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS								
Acenaphthene	83-32-9	100	100	20	1.4		0.15	0.02
Fluoranthene	206-44-0	100	100	100	1.4		0.11	0.022
Naphthalene	91-20-3	100	100	12	11		0.96	0.12
Benzo(a)anthracene	56-55-3	1	1	1	0.78		0.11	0.022
Benzo(a)pyrene	50-32-8	1	1	1	0.82		0.15	0.047
Benzo(b)fluoranthene	205-99-2	1	1	1	0.71		0.11	0.032
Benzo(k)fluoranthene	207-08-9	1	3.9	0.8	0.21		0.11	0.03
Chrysene	218-01-9	1	3.9	1	0.7		0.11	0.02
Acenaphthylene	208-96-8	100	100	100	1.5		0.15	0.03
Anthracene	120-12-7	100	100	100	1.2		0.11	0.037
Benzo(ghi)perylene	191-24-2	100	100	100	0.34		0.15	0.022
Fluorene	86-73-7	100	100	30	1.4		0.19	0.018
Phenanthrene	85-01-8	100	100	100	3.7		0.11	0.023
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.33	0.079	J	0.11	0.022
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.5	0.36		0.15	0.027
Pyrene	129-00-0	100	100	100	1.9		0.11	0.019
Biphenyl	92-52-4				0.48		0.44	0.025
Dibenzofuran	132-64-9	14	59	7	0.28		0.19	0.018
2-Methylnaphthalene	91-57-6				4.3		0.23	0.023
Acetophenone	98-86-2				0.033	J	0.19	0.024
Carbazole	86-74-8				0.2		0.19	0.018
Total SVOCs					32.792	-	-	-
TOTAL METALS								
Aluminum, Total	7429-90-5				11000		9.01	2.43
Arsenic, Total	7440-38-2	16	16	13	2.62		0.901	0.187
Barium, Total	7440-39-3	350	400	350	87.3		0.901	0.157
Calcium, Total	7440-70-2				16300		9.01	3.15
Chromium, Total	7440-47-3				30.4		0.901	0.087
Cobalt, Total	7440-48-4				8.1		1.8	0.15
Copper, Total	7440-50-8	270	270	50	18.6		0.901	0.232
Iron, Total	7439-89-6				17600		4.51	0.814
Lead, Total	7439-92-1	400	400	63	31.6		4.51	0.242
Magnesium, Total	7439-95-4				8770		9.01	1.39
Manganese, Total	7439-96-5	2000	2000	1600	187		0.901	0.143
Mercury, Total	7439-97-6	0.81	0.81	0.18	0.11		0.078	0.051
Nickel, Total	7440-02-0	140	310	30	18.2		2.25	0.218
Potassium, Total	7440-09-7				4340		225	13
Sodium, Total	7440-23-5				347		180	2.84
Thallium, Total	7440-28-0				0.474	J	1.8	0.284
Vanadium, Total	7440-62-2				28.6		0.901	0.183
Zinc, Total	7440-66-6	2200	10000	109	60.6		4.51	0.264
GENERAL CHEMISTRY								
Solids, Total	NONE				86.2		0.1	NA
GRAIN SIZE ANALYSIS								
% Coarse Gravel	NONE				3		0.1	NA
% Fine Gravel	NONE				10		0.1	NA
% Total Gravel	NONE				13		0.1	NA
% Coarse Sand	NONE				11		0.1	NA
% Medium Sand	NONE				34		0.1	NA
% Fine Sand	NONE				23		0.1	NA
% Total Sand	NONE				68		0.1	NA
% Total Fines	NONE				19		0.1	NA

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESR: NY - New York NYCRR Part 375 Residential Criteria
NY-RESRR: NY - New York NYCRR Part 375 Restricted-Residential Criteria
NY-UNRES: NY - New York NYCRR Part 375 New York Unrestricted use Criteria

The SPLP results (detected compounds only) for the SOIL MIX sample are presented in **Table 8**. The SPLP SOIL MIX results were used for comparison with the SPLP and ANS 16.1 results obtained from the treated SOIL MIX samples. Note that the Naphthalene results are reported only in the VOC analysis (the more accurate analytical method for naphthalene) in order not to account for naphthalene twice in the comparison study.

Table 8: Soil Composite (SOIL MIX) SPLP Characterization Results Summary

		SAMPLE ID:	SOIL MIX			
		LAB ID:	L2404824-01			
		COLLECTION DATE:	1/29/2024			
		SAMPLE DEPTH:				
		SAMPLE MATRIX:	SOIL			
		NOCRIT4				
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**
SPLP VOLATILES BY EPA 1312						
Benzene	71-43-2		2.6	J	5	1.6
Toluene	108-88-3		4.2	J	7.5	2
Ethylbenzene	100-41-4		7.1		5	1.7
p/m-Xylene	179601-23-1		8.5	J	10	3.3
o-Xylene	95-47-6		6.2	J	10	3.9
Xylenes, Total	1330-20-7		15	J	10	3.3
Naphthalene	91-20-3		930		25	2.2
1,3,5-Trimethylbenzene	108-67-8		6.5	J	25	2.2
1,2,4-Trimethylbenzene	95-63-6		22	J	25	1.9
p-Ethyltoluene	622-96-8		14	J	20	3.4
SUM			1001.1	-	-	-
SPLP SEMIVOLATILES BY EPA 1312						
Acenaphthene	83-32-9		140		2	1.1
Fluoranthene	206-44-0		16		2	0.65
Benzo(a)anthracene	56-55-3		5.2		2	0.77
Benzo(a)pyrene	50-32-8		4		2	0.45
Benzo(b)fluoranthene	205-99-2		3.4		2	0.81
Benzo(k)fluoranthene	207-08-9		1.3	J	2	0.82
Chrysene	218-01-9		4.6		2	0.83
Acenaphthylene	208-96-8		110		2	0.59
Anthracene	120-12-7		28		2	0.79
Benzo(ghi)perylene	191-24-2		1.8	J	2	0.77
Fluorene	86-73-7		97		2	1
Phenanthrene	85-01-8		120		2	0.99
Indeno(1,2,3-cd)pyrene	193-39-5		1.4	J	2	0.94
Pyrene	129-00-0		20		2	0.7
Biphenyl	92-52-4		45		2	0.64
Dibenzofuran	132-64-9		20		2	0.82
Acetophenone	98-86-2		1.5	J	5	0.98
SUM			619.2	-	-	-
SPLP METALS BY EPA 1312						

Aluminum, SPLP	7429-90-5		2360		100	31.8
Arsenic, SPLP	7440-38-2		3.9	J	5	1.9
Barium, SPLP	7440-39-3		64.8		10	2.1
Calcium, SPLP	7440-70-2		16200		100	35
Chromium, SPLP	7440-47-3		8.1	J	10	2.1
Cobalt, SPLP	7440-48-4		2.1	J	10	1.7
Copper, SPLP	7440-50-8		12.8		10	2.2
Iron, SPLP	7439-89-6		3750		50	9
Lead, SPLP	7439-92-1		40.8		10	2.7
Magnesium, SPLP	7439-95-4		1330		100	15.3
Manganese, SPLP	7439-96-5		87.6		10	1.6
Mercury, SPLP	7439-97-6		0.2		0.2	0.09
Nickel, SPLP	7440-02-0		3.4	J	25	2.4
Potassium, SPLP	7440-09-7		1700	J	2500	237
Sodium, SPLP	7440-23-5		16800		2000	120
Vanadium, SPLP	7440-62-2		12.8		10	2
Zinc, SPLP	7440-66-6		21.3	J	50	2.1

* Comparison is not performed on parameters with non-numeric criteria.

NOCRIT4: No Criteria Report -

The testing results (detected compounds only) for the tap water (TAP) used in the study are presented in **Table 9**. Exceedances of NY-AWQS for metals Copper and Sodium were detected. Estimated exceedances for PAHs were detected below the method reporting limits.

Table 9: Tap Water (TAP) Characterization Results Summary

		SAMPLE ID:			TAP	
		LAB ID:			L2412747-01	
		COLLECTION DATE:			3/7/2024	
		SAMPLE DEPTH:				
		SAMPLE MATRIX:			WATER	
		NY-AWQS				
ANALYTE	**CAS**	**(ug/l)**	**Conc**	**Q**	**RL**	**MDL**
VOLATILE ORGANICS BY GC/MS						
Chloroform	67-66-3	7	3.2		2.5	0.7
Dibromochloromethane	124-48-1	50	1.4		0.5	0.15
Bromodichloromethane	75-27-4	50	1.9		0.5	0.19
Acetone	67-64-1	50	2.4	J	5	1.5
Total VOCs			8.9	-	-	-
VOLATILE ORGANICS BY GC/MS-TIC						
SEMIVOLATILE ORGANICS BY GC/MS						
SEMIVOLATILE ORGANICS BY GC/MS-SIM						
Fluoranthene	206-44-0	50	0.05	J	0.1	0.02
Benzo(a)anthracene	56-55-3	0.002	0.05	J	0.1	0.02
Benzo(a)pyrene	50-32-8	0	0.04	J	0.1	0.02
Benzo(b)fluoranthene	205-99-2	0.002	0.08	J	0.1	0.01
Benzo(k)fluoranthene	207-08-9	0.002	0.06	J	0.1	0.01
Chrysene	218-01-9	0.002	0.06	J	0.1	0.01
Benzo(ghi)perylene	191-24-2		0.06	J	0.1	0.01
Phenanthrene	85-01-8	50	0.03	J	0.1	0.02
Dibenzo(a,h)anthracene	53-70-3		0.04	J	0.1	0.01
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.06	J	0.1	0.01
Pyrene	129-00-0	50	0.04	J	0.1	0.02
Total SVOCs			0.57	-	-	-
SEMIVOLATILE ORGANICS BY GC/MS-TIC						
Unknown			3.05	J	0	0
Unknown			3.6	J	0	0
Unknown Organic Acid			1.89	J	0	0
Unknown			1.74	J	0	0
Unknown Organic Acid			2.65	J	0	0
Unknown Amide			10.4	J	0	0
Unknown Alkane			2	J	0	0
Unknown			2.22	J	0	0
Unknown			3.16	J	0	0
Unknown			1.56	J	0	0
Total TIC Compounds			32.3	J	0	0
TOTAL METALS						
Aluminum, Total	7429-90-5		3560		500	164
Barium, Total	7440-39-3	1000	7.8		0.5	0.17
Calcium, Total	7440-70-2		8160		100	39.4
Chromium, Total	7440-47-3	50	0.37	J	1	0.17
Cobalt, Total	7440-48-4		1.52		0.5	0.16
Copper, Total	7440-50-8	200	357.6		1	0.38
Iron, Total	7439-89-6	300	84.8		50	19.1
Lead, Total	7439-92-1	25	4.64		1	0.34
Magnesium, Total	7439-95-4	35000	1680		70	24.2
Manganese, Total	7439-96-5	300	7.89		1	0.44
Nickel, Total	7440-02-0	100	3.83		2	0.55
Potassium, Total	7440-09-7		2180		100	30.9
Sodium, Total	7440-23-5	20000	30500		100	29.3
Zinc, Total	7440-66-6	2000	34.72		10	3.41

* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: NY - New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

3.2 ISS Testing Results

The UCS results are presented in **Appendix B** and **Table 10** below. No excessive heat or vapors were generated during the mixing process of all mixes. At days 7, 14 and 28, the samples were

tested for UCS. The results indicate that the various mixes passed the UCS criterion (> 50 psi), as highlighted in **Table 10 and Figure 6**. The UCS tests for Mix #2 (6% Holcim PC and 2% Holcim GGBFS) yielded much higher values than Mix#1 (6% Heidelberg PC and 2% Heidelberg GGBFS), indicating that the combination of Holcim PC and GGBFS amemdments yields better UCS properties than the Heidelberg PC and GGBFS amendments. The use of 1% bentonite in Mixes #3 and #4 yielded lower UCS values.

Mix#5 consisted of 50% by weight coal tar contaminated soil with 50% by weight clean soil treated with 6% Holcim PC and 2% Holcim GGBFS and tested for UCS and hydraulic conductivity to assess whether a higher coal tar contaminated soil to clean soil ratio would still meet the UCS and hydraulic conductivity criteria. Mix#5 necessitated the use of a higher water to amendment ratio (1.2:1) in order to obtain a pancake batter-like mixture with no free liquids. The UCS results for Mix#5 indicate that high UCS values may be obtained at the higher coal tar contaminated soil to clean soil ratio.

Based on the UCS results, permeability tests were conducted on the mixes that exceeded the 50-psi threshold (Mixes #1 through 5).

Table 10: UCS Testing Results Summary

Days	**7**	**14**	**28**	Limit	Mix Amendments (% dry weight)	Water to Amendment ratio
MIX#1 UCS (psi)	60	100	155	50	6% PC1, 2% GGBFS1	1:1
MIX#2 UCS (psi)	150	170	215	50	6% PC2 and 2% GGBFS2	1:1
MIX#3 UCS (psi)	55	80	125	50	5% PC1, 2% GGBFS1, 1% bentonite	1:1
MIX#4 UCS (psi)	65	120	130	50	5% PC2, 2% GGBFS2, 1% bentonite	1:1
MIX#5 UCS (psi)	135	225	210	50	6% PC2 and 2% GGBFS2	1.2:1

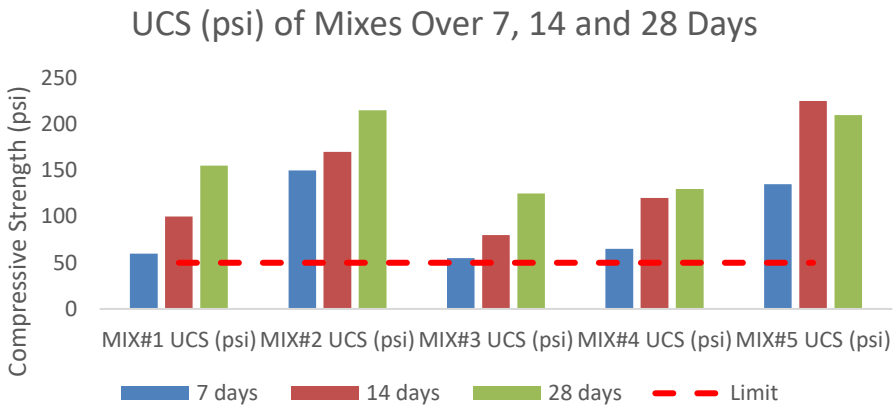


Figure 6: UCS Data Comparison

The permeability results are presented in **Appendix B** and **Table 11 and Figure 7** below. The results indicate that all mixes passed the permeability test (equal to or less than 10^{-6} cm/sec). Thus, all mixes would be appropriate for use at this site since both UCS and permeability criteria were met. The treated SOIl MIX samples that passed both the UCS and permeability tests were further evaluated for leachability.

Table 11: Permeability Testing Results

Permeability (14 and 28 days)	**K14**	**K28**	Limit
MIX 1	6.9E-07	2.3E-07	1.0E-06
MIX 2	4.3E-07	9.6E-08	1.0E-06
MIX 3	1.5E-07	5.1E-07	1.0E-06
MIX 4	2.3E-07	2.8E-07	1.0E-06
MIX 5	9.9E-08	1.0E-07	1.0E-06

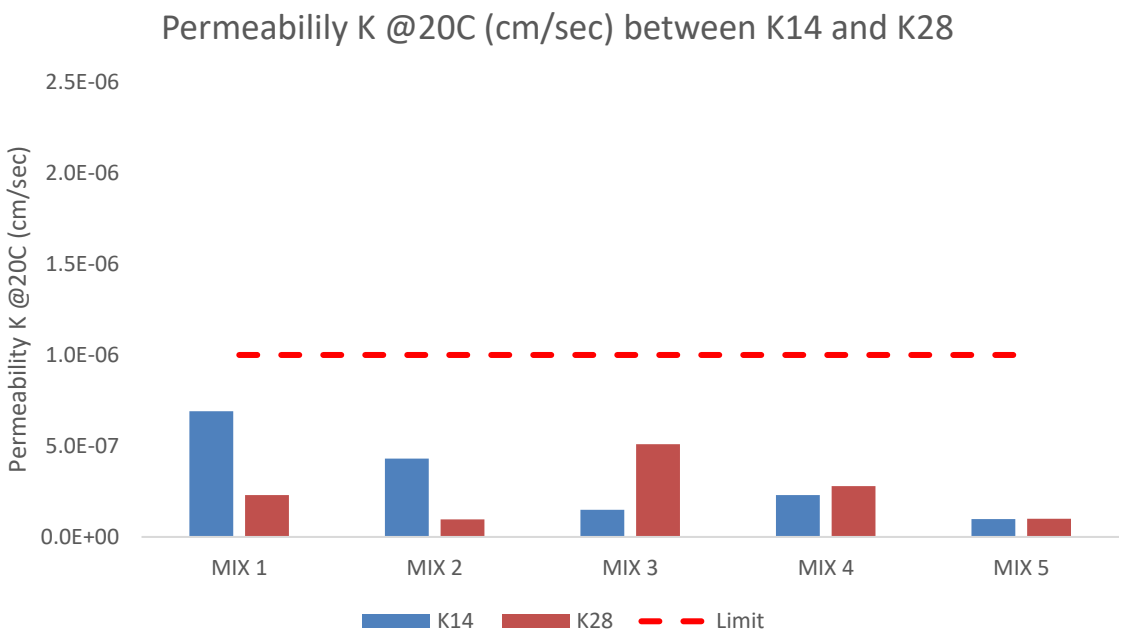


Figure 7: Permeability Tests Comparison

Task 6: Leachability Tests

Treated SOIL MIX samples that passed the UCS criterion of > 50 psi and a hydraulic conductivity (permeability) equal to or less than 10^{-6} cm/sec were tested for leachability. The SPLP and modified ANS 16.1 leaching tests were performed as described in Section 2.3 (Task 6) above. At the end the 5-day tests, the aqueous phase from each ANS 16.1 leachability test was subsampled and analyzed for the contaminants of concern (SVOCs, VOCs and TAL metals).

The surface area of the treated samples from the molds was 202.6 cm^2. The ANS 16.1 stipulates a 10:1 water volume to sample surface area ratio. Therefore, the soil samples from the molds were submersed in 2026 cc of water in 2-liter Erlenmeyer flasks.

The analytical data reports for the SPLP tests and the ANS 16.1 water phase tests are presented in **Appendix C** and summarized in Tables 12, 13, 14 and 15 below.

Table 12: ANS 16.1 compared to SPLP SOIL MIX and SPLP Leachability Results (Mix#1)

		MIX #1			
SAMPLE ID:	**SOIL MIX**	**M1-ANS**	**M1-SPLP**	**Percent Change**	
SAMPLE MATRIX:	**SPLP (ug/l)**	**WATER (ug/l)**	**SPLP (ug/l)**	**ANS vs SPLP SOIL MIX (%)**	**ANS vs SPLP (%)**
Total VOCs	1001.1	928.8	1918.4	-7.22	-51.58
Total SVOCs	619.2	220.9	1042.2	-64.32	-78.80

For Mix#1 (6% Heidelberg PC and 2% Heidelberg GGBFS, dry weight), the results are presented in **Table 12**. The ANS 16.1 leachate results (M1-ANS) indicate a total VOC concentration of 928.8 ug/L and total SVOC concentrations of 220.9 ug/L. When M1-ANS VOC concentrations are compared to SPLP SOIL MIX and M1-SPLP concentrations, the M1-ANS VOC concentration (mostly naphtlalene) was 7.2% lower than the SPLP SOIL MIX concentration and 51.6% lower than the M1-SPLP concentration. When M1-ANS SVOC concentrations are compared to SPLP SOIL MIX and M1-SPLP SVOC concentrations, the M1-ANS SVOC concentration was 64.3% lower than the SPLP SOIL MIX concentration and 78.8% lower than the M1-SPLP concentration. With respect to metals, the PC/GGBFS treatment resulted in low levels of leachable metals. For example, the SPLP SOIl MIX Lead (Pb) concentration (40.8 ug/L) was reduced to 0.45 ug/L in the leachate test (M1-ANS) and to non-detectable levels in the SPLP test (M1-SPLP). The tests also show that the SPLP VOC and SVOC concentrations (M1-SPLP) are much higher than the ANS 16.1 leaching test concentrations (106% and 371% higher) due to the destructive nature of the SPLP test that exposes more contamination to the leaching fluid when the solidified monolith is pulverized as part of the SPLP test preparation process.

The results indicate that the Mix#1 treatment was effective in mitigating leachate concentrations for VOC, SVOCs and metals. The cylindrical monolith surface area and volume of water used in the ANS test reactor can be used to determine the total mass of each contaminant released in 5 days in the water phase as a function of treated soil surface area. This number can be used to estimate COC mass leached from the expected in-situ soil monolith surface area in contact with groundwater, and estimate COC flux rate from the monolith.

Table 13: ANS 16.1 compared to SPLP SOIL MIX and SPLP Leachability Results (Mix#2)

		MIX #2			
SAMPLE ID:	**SOIL MIX**	**M2-ANS**	**M2-SPLP**	**Percent Change**	
SAMPLE MATRIX:	**SPLP (ug/l)**	**WATER (ug/l)**	**SPLP (ug/l)**	**ANS vs SPLP SOIL MIX (%)**	**ANS vs SPLP (%)**
Total VOCs	1001.1	1007.2	1618.6	0.61	-37.77
Total SVOCs	619.2	239.6	659	-61.30	-63.64

For Mix#2 (6% Holcim PC and 2% Holcim GGBFS, dry weight), the results are presented in **Table 13**. The ANS 16.1 leachate results (M2-ANS) indicate a total VOC concentration of 1007.2 ug/L and total SVOC concentrations of 239.6 ug/L. When M2-ANS VOC concentrations are compared to SPLP SOIL MIX and M2-SPLP concentrations, the M2-ANS VOC concentration (mostly naphthalene) was similar to the SPLP SOIL MIX concentration and 60.8% lower than the M2-SPLP concentration. When M2-ANS SVOC concentrations are compared to SPLP SOIL MIX

and M2-SPLP SVOC concentrations, the M2-ANS SVOC concentration was 61.3% lower than the SPLP SOIL MIX concentration and 63.6% lower than the M2-SPLP concentration. With respect to metals, the PC/GGBFS treatment resulted in low levels of leachable metals. For example, the SPLP SOIl MIX Lead (Pb) concentration (40.8 ug/L) was reduced to 0.69 ug/L in the leachate test (M2-ANS) and to non-detectable levels in the SPLP test (M2-SPLP). The tests also show that the SPLP VOC and SVOC concentrations (M2-SPLP) are much higher than the ANS 16.1 leaching test concentrations (60.7% and 175% higher, resepctively) due to the destructive nature of the SPLP test that exposes more contamination to the leaching fluid when the solidified monolith is pulverized as part of the SPLP test preparation process.

The results indicate that the Mix#2 treatment was effective in mitigating leachate concentrations for VOC, SVOCs and metals.

Table 14: ANS 16.1 compared to SPLP SOIL MIX and SPLP Leachability Results (Mix#3)

		MIX #3			
SAMPLE ID:	**SOIL MIX**	**M3-ANS**	**M3-SPLP**	**Percent Change**	
SAMPLE MATRIX:	**SPLP (ug/l)**	**WATER (ug/l)**	**SPLP (ug/l)**	**ANS vs SPLP SOIL MIX (%)**	**ANS vs SPLP (%)**
Total VOCs	1001.1	1078.2	2309.1	7.70	-53.31
Total SVOCs	619.2	375.1	1156.9	-39.42	-67.58

For Mix#3 (5% Heidelberg PC, 2% Heidelberg GGBFS, 1% Bentonite, dry weight), the results are presented in **Table 14**. The ANS 16.1 leachate results (M3-ANS) indicate a total VOC concentration of 1078.2 ug/L and total SVOC concentrations of 375.1 ug/L. When M3-ANS VOC concentrations are compared to SPLP SOIL MIX and M3-SPLP concentrations, the M3-ANS VOC concentration (mostly naphthalene) was slightly higher than the SPLP SOIL MIX concentration (likely due to the higher solubility of naphthalene and the longer contact time of the ANS test (5 days) versus the 18-hr contact time of the SPLP test) and 53.3% lower than the M3-SPLP concentration. When M3-ANS SVOC concentrations are compared to SPLP SOIL MIX and M3-SPLP SVOC concentrations, the M3-ANS SVOC concentration was 39.4% lower than the SPLP SOIL MIX concentration and 67.6% lower than the M3-SPLP concentration. With respect to metals, the PC/GGBFS treatment resulted in low levels of leachable metals. For example, the SPLP SOIl MIX Lead (Pb) concentration (40.8 ug/L) was reduced to 4.17 ug/L in the leachate test (M3-ANS) and to non-detectable levels in the SPLP test (M3-SPLP). The tests also show that the SPLP VOC and SVOC concentrations (M3-SPLP) are much higher than the ANS 16.1 leaching test concentrations (114% and 208.4% higher, respectively) due to the destructive nature of the

SPLP test that exposes more contamination to the leaching fluid when the solidified monolith is pulverized as part of the SPLP test preparation process.

The results indicate that the Mix#3 treatment was effective in mitigating leachate concentrations for VOC, SVOCs and metals.

Table 15: ANS 16.1 compared to SPLP SOIL MIX and SPLP Leachability Results (Mix#4)

		MIX #4			
SAMPLE ID:	**SOIL MIX**	**M4-ANS**	**M4-SPLP**	**Percent Change**	
SAMPLE MATRIX:	**SPLP (ug/l)**	**WATER (ug/l)**	**SPLP (ug/l)**	**ANS vs SPLP SOIL MIX (%)**	**ANS vs SPLP (%)**
Total VOCs	1001.1	886.1	2327.9	-11.49	-61.94
Total SVOCs	619.2	98.8	1003.1	-84.04	-90.15

For Mix#4 (5% Holcim PC, 2% Holcim GGBFS, 1% Bentonite, dry weight), the results are presented in **Table 15**. The ANS 16.1 leachate results (M4-ANS) indicate a total VOC concentration of 886.1 ug/L and total SVOC concentrations of 98.8 ug/L. When M4-ANS VOC concentrations are compared to SPLP SOIL MIX and M4-SPLP concentrations, the M4-ANS VOC concentration (mostly naphthalene) was 11.5% lower than the SPLP SOIL MIX concentration and 61.9% lower than the M4-SPLP concentration. When M4-ANS SVOC concentrations are compared to SPLP SOIL MIX and M4-SPLP SVOC concentrations, the M4-ANS SVOC concentration was 84% lower than the SPLP SOIL MIX concentration and 90.1% lower than the M4-SPLP concentration. With respect to metals, the PC/GGBFS treatment resulted in low levels of leachable metals. For example, the SPLP SOIl MIX Lead (Pb) concentration (40.8 ug/L) was reduced to 1.19 ug/L in the leachate test (M4-ANS) and to non-detectable levels in the SPLP test (M4-SPLP). The tests also show that the SPLP VOC and SVOC concentrations (M4-SPLP) are much higher than the ANS 16.1 leaching test concentrations (162.7% and 915% higher, respectively) due to the destructive nature of the SPLP test that exposes more contamination to the leaching fluid when the solidified monolith is pulverized as part of the SPLP test preparation process.

The results indicate that the Mix#4 treatment was effective in mitigating leachate concentrations for VOC, SVOCs and metals.

3.3 Conclusions

- The ISS study results indicate that all mixes passed the UCS criterion (> 50 psi) and permeability criterion ($<10^{-6}$ cm/sec).

- The UCS tests for Mix #2 (6% Holcim PC and 2% Holcim GGBFS) yielded much higher values than Mix#1 (6% Heidelberg PC and 2% Heidelberg GGBFS), indicating that the combination of Holcim PC and GGBFS amemdments yields better UCS properties than the Heidelberg PC and GGBFS amendments.
- The use of 1% bentonite in Mixes #3 and #4 yielded lower UCS values.
- Mix#5 (1:1 coal tar contaminated soil to clean soil ratio) necessitated the use of a higher water to amendment ratio (1.2:1) in order to obtain an appropriate mixture with no free liquids. The UCS results for Mix#5 indicate that high UCS values may be obtained at the higher coal tar contaminated soil to clean soil ratio.
- The leaching test results indicate that all the mixes tested were effective in mitigating leachate concentrations for VOCs, SVOCs and metals. The tests also show that the SPLP tests of the treated samples result in much higher VOC and SVOC concentrations in the leachate than the ANS 16.1 leaching tests due to the destructive nature of the SPLP test that exposes more contamination to the leaching fluid.
- The addition of 1% bentonite treatment in Mix#3 and Mix#4 was not effective in limiting leachate contaminant concentrations.
- Mix #2 (6% Holcim PC and 2% Holcim GGBFS, dry weight) provides high UCS values, passes the permeability test and provides >50% reduction in VOC and >60% reduction in SVOC leachate concentrations (ANS 16.1) when compared to the treated sample SPLP tests. This mix at a 1:1 water/amendment is the recommended mix for use at this Site.
- Alternatively, Mix#1 (6% Heidelberg PC and 2% Heidelberg GGBFS, dry weight) may be used, as it provides adequate UCS, permeability and leachability results.

Appendix A:

Initial Analytical Laboratory Reports

ANALYTICAL REPORT

Lab Number:	L2404824
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	OSSINING ISS
Project Number:	11498-0
Report Date:	02/09/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2404824-01	SOIL MIX	SOIL	OSSINING, NY	01/29/24 08:30	01/29/24

Project Name:	OSSINING ISS	**Lab Number:**	L2404824
Project Number:	11498-0	**Report Date:**	02/09/24

Case Narrative

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

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

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

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

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

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

Project Name: OSSINING ISS **Lab Number:** L2404824
Project Number: 11498-0 **Report Date:** 02/09/24

Case Narrative (continued)

Report Submission

February 09, 2024: This final report includes the results of all requested analyses.

February 05, 2024: This is a preliminary report.

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

Volatile Organics

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

Total Metals

L2404824-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

SPLP Metals

The WG1881553-1 Method Blank, associated with L2404824-01, has a concentration above the reporting limit for calcium. Since the associated sample concentration is either greater than 10x the blank concentration for this target analyte, no corrective action is required.

The WG1881553-3 MS recoveries, performed on L2404824-01, are outside the acceptance criteria for aluminum (134%) and iron (157%). A post digestion spike was performed and was within acceptance criteria.

The WG1881553-4 Laboratory Duplicate RPDs for aluminum (73%), iron (45%), and vanadium (22%), performed on L2404824-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

Grain Size Analysis

The WG1881702-1 Laboratory Duplicate RPD for % fine gravel (22%), performed on L2404824-01, is outside

Project Name:	OSSINING ISS	**Lab Number:**	L2404824
Project Number:	11498-0	**Report Date:**	02/09/24

Case Narrative (continued)

the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 02/09/24

ORGANICS

VOLATILES

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01
Client ID: SOIL MIX
Sample Location: OSSINING, NY
Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 01/31/24 17:58
Analyst: KJD
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	300	140	1
1,1-Dichloroethane	ND		ug/kg	61	8.8	1
Chloroform	ND		ug/kg	91	8.5	1
Carbon tetrachloride	ND		ug/kg	61	14.	1
1,2-Dichloropropane	ND		ug/kg	61	7.6	1
Dibromochloromethane	ND		ug/kg	61	8.5	1
1,1,2-Trichloroethane	ND		ug/kg	61	16.	1
Tetrachloroethene	ND		ug/kg	30	12.	1
Chlorobenzene	ND		ug/kg	30	7.7	1
Trichlorofluoromethane	ND		ug/kg	240	42.	1
1,2-Dichloroethane	ND		ug/kg	61	16.	1
1,1,1-Trichloroethane	ND		ug/kg	30	10.	1
Bromodichloromethane	ND		ug/kg	30	6.6	1
trans-1,3-Dichloropropene	ND		ug/kg	61	17.	1
cis-1,3-Dichloropropene	ND		ug/kg	30	9.6	1
1,3-Dichloropropene, Total	ND		ug/kg	30	9.6	1
1,1-Dichloropropene	ND		ug/kg	30	9.7	1
Bromoform	ND		ug/kg	240	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	30	10.	1
Benzene	240		ug/kg	30	10.	1
Toluene	290		ug/kg	61	33.	1
Ethylbenzene	380		ug/kg	61	8.6	1
Chloromethane	ND		ug/kg	240	57.	1
Bromomethane	ND		ug/kg	120	35.	1
Vinyl chloride	ND		ug/kg	61	20.	1
Chloroethane	ND		ug/kg	120	28.	1
1,1-Dichloroethene	ND		ug/kg	61	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	91	8.3	1

Project Name: OSSINING ISS **Lab Number:** L2404824

Project Number: 11498-0 **Report Date:** 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 Date Collected: 01/29/24 08:30

Client ID: SOIL MIX Date Received: 01/29/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/kg	30	8.3	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.8	1
1,3-Dichlorobenzene	ND		ug/kg	120	9.0	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	490		ug/kg	120	34.	1
o-Xylene	300		ug/kg	61	18.	1
Xylenes, Total	790		ug/kg	61	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	61	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	61	8.3	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	210		ug/kg	61	12.	1
Dichlorodifluoromethane	ND		ug/kg	610	56.	1
Acetone	ND		ug/kg	610	290	1
Carbon disulfide	ND		ug/kg	610	280	1
2-Butanone	ND		ug/kg	610	140	1
Vinyl acetate	ND		ug/kg	610	130	1
4-Methyl-2-pentanone	ND		ug/kg	610	78.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.7	1
2-Hexanone	ND		ug/kg	610	72.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	61	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	30	8.0	1
Bromobenzene	ND		ug/kg	120	8.8	1
n-Butylbenzene	36	J	ug/kg	61	10.	1
sec-Butylbenzene	11	J	ug/kg	61	8.9	1
tert-Butylbenzene	ND		ug/kg	120	7.2	1
o-Chlorotoluene	ND		ug/kg	120	12.	1
p-Chlorotoluene	ND		ug/kg	120	6.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	61.	1
Hexachlorobutadiene	ND		ug/kg	240	10.	1
Isopropylbenzene	48	J	ug/kg	61	6.6	1
p-Isopropyltoluene	85		ug/kg	61	6.6	1
Naphthalene	71000	E	ug/kg	240	40.	1
Acrylonitrile	ND		ug/kg	240	70.	1

Project Name: OSSINING ISS **Lab Number:** L2404824

Project Number: 11498-0 **Report Date:** 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 Date Collected: 01/29/24 08:30

Client ID: SOIL MIX Date Received: 01/29/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	43	J	ug/kg	61	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	480		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	1600		ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	4900	2100	1
p-Diethylbenzene	150		ug/kg	120	11.	1
p-Ethyltoluene	1000		ug/kg	120	23.	1
1,2,4,5-Tetramethylbenzene	430		ug/kg	120	12.	1
Ethyl ether	ND		ug/kg	120	21.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	86.	1
Tentatively Identified Compounds						
Total TIC Compounds	24700	J	ug/kg			1
Unknown Aromatic	1060	J	ug/kg			1
Unknown Aromatic	1020	J	ug/kg			1
Unknown Aromatic	1460	J	ug/kg			1
Unknown Naphthalene	849	J	ug/kg			1
Unknown Aromatic	1220	J	ug/kg			1
Unknown Naphthalene	893	J	ug/kg			1
Unknown Naphthalene	1110	J	ug/kg			1
Unknown	6060	J	ug/kg			1
Unknown	11000	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	109		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 D
Client ID: SOIL MIX
Sample Location: OSSINING, NY

Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/24 08:10
Analyst: MCM
Percent Solids: 86%
TCLP/SPLP Ext. Date: 01/31/24 09:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
Methylene chloride	ND		ug/l	30	6.8	10
1,1-Dichloroethane	ND		ug/l	7.5	2.1	10
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	18	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	7.5	1.4	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
Trichlorofluoromethane	ND		ug/l	25	1.6	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	5.0	1.6	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	2.4	10
Bromoform	ND		ug/l	20	2.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	2.6	J	ug/l	5.0	1.6	10
Toluene	4.2	J	ug/l	7.5	2.0	10
Ethylbenzene	7.1		ug/l	5.0	1.7	10
Chloromethane	ND		ug/l	25	2.0	10
Bromomethane	ND		ug/l	10	2.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	10	1.3	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	10

Project Name: OSSINING ISS **Lab Number:** L2404824

Project Number: 11498-0 **Report Date:** 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 D Date Collected: 01/29/24 08:30

Client ID: SOIL MIX Date Received: 01/29/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2-Dichloroethene, Total	ND		ug/l	5.0	1.6	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	1.8	10
1,3-Dichlorobenzene	ND		ug/l	25	1.9	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
Methyl tert butyl ether	ND		ug/l	10	1.7	10
p/m-Xylene	8.5	J	ug/l	10	3.3	10
o-Xylene	6.2	J	ug/l	10	3.9	10
Xylenes, Total	15	J	ug/l	10	3.3	10
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.9	10
Dibromomethane	ND		ug/l	50	3.6	10
1,2,3-Trichloropropane	ND		ug/l	50	1.8	10
Styrene	ND		ug/l	10	3.6	10
Dichlorodifluoromethane	ND		ug/l	50	2.4	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	3.0	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	3.1	10
4-Methyl-2-pentanone	ND		ug/l	50	4.2	10
2-Hexanone	ND		ug/l	50	5.2	10
Acrylonitrile	ND		ug/l	50	4.3	10
Bromochloromethane	ND		ug/l	25	1.5	10
2,2-Dichloropropane	ND		ug/l	25	2.0	10
1,2-Dibromoethane	ND		ug/l	20	1.9	10
1,3-Dichloropropane	ND		ug/l	25	2.1	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.6	10
Bromobenzene	ND		ug/l	25	1.5	10
n-Butylbenzene	ND		ug/l	5.0	1.9	10
sec-Butylbenzene	ND		ug/l	5.0	1.8	10
tert-Butylbenzene	ND		ug/l	25	2.0	10
o-Chlorotoluene	ND		ug/l	25	2.2	10
p-Chlorotoluene	ND		ug/l	25	1.8	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	3.5	10
Hexachlorobutadiene	ND		ug/l	5.0	2.2	10
Isopropylbenzene	ND		ug/l	5.0	1.9	10
p-Isopropyltoluene	ND		ug/l	5.0	1.9	10
Naphthalene	930		ug/l	25	2.2	10

Project Name: OSSINING ISS **Lab Number:** L2404824

Project Number: 11498-0 **Report Date:** 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 D Date Collected: 01/29/24 08:30

Client ID: SOIL MIX Date Received: 01/29/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
n-Propylbenzene	ND		ug/l	5.0	1.7	10
1,2,3-Trichlorobenzene	ND		ug/l	25	2.3	10
1,2,4-Trichlorobenzene	ND		ug/l	25	2.2	10
1,3,5-Trimethylbenzene	6.5	J	ug/l	25	2.2	10
1,2,4-Trimethylbenzene	22	J	ug/l	25	1.9	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	2.1	10
Ethyl ether	ND		ug/l	25	1.6	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	3.9	10
p-Ethyltoluene	14	J	ug/l	20	3.4	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	126		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 D
Client ID: SOIL MIX
Sample Location: OSSINING, NY

Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 02/01/24 12:18
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Naphthalene	150000		ug/kg	4900	790	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/24 09:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1880265-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	23	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	9.2	J	ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/24 09:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1880265-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	29	J	ug/kg	50	14.
Xylenes, Total	29	J	ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	18	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/24 09:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1880265-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Tentatively Identified Compounds

Total TIC Compounds	220	J	ug/kg
Unknown	220	J	ug/kg

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/31/24 09:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1880265-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/24 06:47
Analyst: MCM
TCLP/SPLP Extraction Date: 01/31/24 09:46
Extraction Date: 01/31/24 09:46

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01 Batch: WG1880469-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.8	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	1.5	J	ug/l	2.5	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.24
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.5	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/24 06:47
Analyst: MCM
TCLP/SPLP Extraction Date: 01/31/24 09:46
Extraction Date: 01/31/24 09:46

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01 Batch: WG1880469-5					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	5.0	0.36
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Acrylonitrile	ND		ug/l	5.0	0.43
Bromochloromethane	ND		ug/l	2.5	0.15
2,2-Dichloropropane	ND		ug/l	2.5	0.20
1,2-Dibromoethane	ND		ug/l	2.0	0.19
1,3-Dichloropropane	ND		ug/l	2.5	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	2.5	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	2.5	0.20

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/24 06:47
Analyst: MCM
TCLP/SPLP Extraction Date: 01/31/24 09:46
Extraction Date: 01/31/24 09:46

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01 Batch: WG1880469-5					
o-Chlorotoluene	ND		ug/l	2.5	0.22
p-Chlorotoluene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	2.5	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21
Ethyl ether	ND		ug/l	2.5	0.16
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.39
p-Ethyltoluene	ND		ug/l	2.0	0.34
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	116		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/01/24 09:21
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1880690-5					
1,2-Dichloroethane	ND		ug/kg	50	13.
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
1,2-Dibromoethane	ND		ug/kg	50	14.
Isopropylbenzene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1880265-3 WG1880265-4								
Methylene chloride	103		99		70-130	4		30
1,1-Dichloroethane	110		104		70-130	6		30
Chloroform	113		108		70-130	5		30
Carbon tetrachloride	**132**	Q	127		70-130	4		30
1,2-Dichloropropane	102		99		70-130	3		30
Dibromochloromethane	118		113		70-130	4		30
1,1,2-Trichloroethane	103		99		70-130	4		30
Tetrachloroethene	128		121		70-130	6		30
Chlorobenzene	113		108		70-130	5		30
Trichlorofluoromethane	75		70		70-139	7		30
1,2-Dichloroethane	101		98		70-130	3		30
1,1,1-Trichloroethane	124		120		70-130	3		30
Bromodichloromethane	112		108		70-130	4		30
trans-1,3-Dichloropropene	101		97		70-130	4		30
cis-1,3-Dichloropropene	113		108		70-130	5		30
1,1-Dichloropropene	115		108		70-130	6		30
Bromoform	98		98		70-130	0		30
1,1,2,2-Tetrachloroethane	94		94		70-130	0		30
Benzene	112		107		70-130	5		30
Toluene	111		104		70-130	7		30
Ethylbenzene	108		104		70-130	4		30
Chloromethane	116		105		52-130	10		30
Bromomethane	73		67		57-147	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1880265-3 WG1880265-4								
Vinyl chloride	91		82		67-130	10		30
Chloroethane	72		65		50-151	10		30
1,1-Dichloroethene	76		71		65-135	7		30
trans-1,2-Dichloroethene	118		112		70-130	5		30
Trichloroethene	111		105		70-130	6		30
1,2-Dichlorobenzene	109		108		70-130	1		30
1,3-Dichlorobenzene	113		112		70-130	1		30
1,4-Dichlorobenzene	110		108		70-130	2		30
Methyl tert butyl ether	95		94		66-130	1		30
p/m-Xylene	116		110		70-130	5		30
o-Xylene	102		98		70-130	4		30
cis-1,2-Dichloroethene	113		107		70-130	5		30
Dibromomethane	106		102		70-130	4		30
Styrene	108		104		70-130	4		30
Dichlorodifluoromethane	112		105		30-146	6		30
Acetone	88		84		54-140	5		30
Carbon disulfide	78		71		59-130	9		30
2-Butanone	82		84		70-130	2		30
Vinyl acetate	102		99		70-130	3		30
4-Methyl-2-pentanone	77		76		70-130	1		30
1,2,3-Trichloropropane	88		90		68-130	2		30
2-Hexanone	73		71		70-130	3		30
Bromochloromethane	119		115		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2404824

Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1880265-3 WG1880265-4								
2,2-Dichloropropane	116		111		70-130	4		30
1,2-Dibromoethane	110		106		70-130	4		30
1,3-Dichloropropane	104		100		69-130	4		30
1,1,1,2-Tetrachloroethane	123		118		70-130	4		30
Bromobenzene	111		110		70-130	1		30
n-Butylbenzene	108		106		70-130	2		30
sec-Butylbenzene	107		105		70-130	2		30
tert-Butylbenzene	111		108		70-130	3		30
o-Chlorotoluene	106		104		70-130	2		30
p-Chlorotoluene	107		106		70-130	1		30
1,2-Dibromo-3-chloropropane	99		100		68-130	1		30
Hexachlorobutadiene	119		119		67-130	0		30
Isopropylbenzene	109		107		70-130	2		30
p-Isopropyltoluene	112		110		70-130	2		30
Naphthalene	95		96		70-130	1		30
Acrylonitrile	99		95		70-130	4		30
n-Propylbenzene	106		104		70-130	2		30
1,2,3-Trichlorobenzene	113		112		70-130	1		30
1,2,4-Trichlorobenzene	116		116		70-130	0		30
1,3,5-Trimethylbenzene	108		106		70-130	2		30
1,2,4-Trimethylbenzene	106		106		70-130	0		30
1,4-Dioxane	91		88		65-136	3		30
p-Diethylbenzene	110		108		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1880265-3 WG1880265-4								
p-Ethyltoluene	111		110		70-130	1		30
1,2,4,5-Tetramethylbenzene	107		105		70-130	2		30
Ethyl ether	71		68		67-130	4		30
trans-1,4-Dichloro-2-butene	94		95		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		92		70-130
Toluene-d8	99		96		70-130
4-Bromofluorobenzene	96		99		70-130
Dibromofluoromethane	106		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01 Batch: WG1880469-3 WG1880469-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	91		94		63-130	3		20
1,1,2-Trichloroethane	94		93		70-130	1		20
Tetrachloroethene	98		98		70-130	0		20
Chlorobenzene	100		100		75-130	0		25
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	90		91		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	86		91		54-136	6		20
1,1,2,2-Tetrachloroethane	88		92		67-130	4		20
Benzene	100		100		70-130	0		25
Toluene	99		98		70-130	1		25
Ethylbenzene	100		100		70-130	0		20
Chloromethane	98		99		64-130	1		20
Bromomethane	110		110		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01 Batch: WG1880469-3 WG1880469-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		25
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	99		100		70-130	1		25
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	99		100		70-130	1		20
Methyl tert butyl ether	96		97		63-130	1		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	91		93		64-130	2		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	93		97		36-147	4		20
Acetone	100		100		58-148	0		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	78		94		63-138	19		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	87		82		59-130	6		20
2-Hexanone	89		85		57-130	5		20
Acrylonitrile	96		100		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01 Batch: WG1880469-3 WG1880469-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	96		96		70-130	0		20
1,3-Dichloropropane	97		96		70-130	1		20
1,1,1,2-Tetrachloroethane	92		92		64-130	0		20
Bromobenzene	95		100		70-130	5		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	98		100		70-130	2		20
tert-Butylbenzene	97		100		70-130	3		20
o-Chlorotoluene	98		99		70-130	1		20
p-Chlorotoluene	97		98		70-130	1		20
1,2-Dibromo-3-chloropropane	93		97		41-144	4		20
Hexachlorobutadiene	96		100		63-130	4		20
Isopropylbenzene	95		99		70-130	4		20
p-Isopropyltoluene	99		100		70-130	1		20
Naphthalene	93		98		70-130	5		20
n-Propylbenzene	98		100		69-130	2		20
1,2,3-Trichlorobenzene	96		100		70-130	4		20
1,2,4-Trichlorobenzene	97		100		70-130	3		20
1,3,5-Trimethylbenzene	99		100		64-130	1		20
1,2,4-Trimethylbenzene	98		100		70-130	2		20
trans-1,4-Dichloro-2-butene	84		90		70-130	7		20
Ethyl ether	96		97		59-134	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01 Batch: WG1880469-3 WG1880469-4								
1,4-Dioxane	78		94		56-162	19		20
p-Diethylbenzene	98		100		70-130	2		20
p-Ethyltoluene	100		99		70-130	1		20
1,2,4,5-Tetramethylbenzene	90		95		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	101		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2404824

Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1880690-3 WG1880690-4								
1,2-Dichloroethane	114		110		70-130	4		30
Benzene	120		112		70-130	7		30
Toluene	110		101		70-130	9		30
Ethylbenzene	110		103		70-130	7		30
Methyl tert butyl ether	104		101		66-130	3		30
p/m-Xylene	111		102		70-130	8		30
o-Xylene	109		102		70-130	7		30
1,2-Dibromoethane	93		90		70-130	3		30
Isopropylbenzene	105		98		70-130	7		30
Naphthalene	92		91		70-130	1		30
1,3,5-Trimethylbenzene	104		98		70-130	6		30
1,2,4-Trimethylbenzene	103		98		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	98		100		70-130

SEMIVOLATILES

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01
Client ID: SOIL MIX
Sample Location: OSSINING, NY

Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/04/24 19:43
Analyst: CMM
Percent Solids: 86%
TCLP/SPLP Ext. Date: 02/02/24 19:06

Extraction Method: EPA 3510C
Extraction Date: 02/03/24 20:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Acenaphthene	140		ug/l	2.0	1.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Hexachlorobenzene	ND		ug/l	2.0	0.69	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
2-Chloronaphthalene	ND		ug/l	2.0	0.54	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Fluoranthene	16.		ug/l	2.0	0.65	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorobutadiene	ND		ug/l	2.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Hexachloroethane	ND		ug/l	2.0	0.44	1
Isophorone	ND		ug/l	5.0	0.66	1
Naphthalene	1.4	J	ug/l	2.0	0.67	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1

Project Name: OSSINING ISS **Lab Number:** L2404824

Project Number: 11498-0 **Report Date:** 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 Date Collected: 01/29/24 08:30

Client ID: SOIL MIX Date Received: 01/29/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Benzo(a)anthracene	5.2		ug/l	2.0	0.77	1
Benzo(a)pyrene	4.0		ug/l	2.0	0.45	1
Benzo(b)fluoranthene	3.4		ug/l	2.0	0.81	1
Benzo(k)fluoranthene	1.3	J	ug/l	2.0	0.82	1
Chrysene	4.6		ug/l	2.0	0.83	1
Acenaphthylene	110		ug/l	2.0	0.59	1
Anthracene	28.		ug/l	2.0	0.79	1
Benzo(ghi)perylene	1.8	J	ug/l	2.0	0.77	1
Fluorene	97.		ug/l	2.0	1.0	1
Phenanthrene	120		ug/l	2.0	0.99	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45	1
Indeno(1,2,3-cd)pyrene	1.4	J	ug/l	2.0	0.94	1
Pyrene	20.		ug/l	2.0	0.70	1
Biphenyl	45.		ug/l	2.0	0.64	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	20.		ug/l	2.0	0.82	1
2-Methylnaphthalene	ND		ug/l	2.0	0.68	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.62	1
Acetophenone	1.5	J	ug/l	5.0	0.98	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Pentachlorophenol	ND		ug/l	10	2.0	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01
Client ID: SOIL MIX
Sample Location: OSSINING, NY
Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	80		41-149

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01
Client ID: SOIL MIX
Sample Location: OSSINING, NY

Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/31/24 10:57
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/31/24 02:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1400		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	1400		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	10000	E	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: OSSINING ISS **Lab Number:** L2404824

Project Number: 11498-0 **Report Date:** 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 Date Collected: 01/29/24 08:30

Client ID: SOIL MIX Date Received: 01/29/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	780		ug/kg	110	22.	1
Benzo(a)pyrene	820		ug/kg	150	47.	1
Benzo(b)fluoranthene	710		ug/kg	110	32.	1
Benzo(k)fluoranthene	210		ug/kg	110	30.	1
Chrysene	700		ug/kg	110	20.	1
Acenaphthylene	1500		ug/kg	150	30.	1
Anthracene	1200		ug/kg	110	37.	1
Benzo(ghi)perylene	340		ug/kg	150	22.	1
Fluorene	1400		ug/kg	190	18.	1
Phenanthrene	3700		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	79	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	150	27.	1
Pyrene	1900		ug/kg	110	19.	1
Biphenyl	480		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	280		ug/kg	190	18.	1
2-Methylnaphthalene	4300		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	33	J	ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01
Client ID: SOIL MIX
Sample Location: OSSINING, NY
Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	200		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	10400	J	ug/kg			1
Unknown PAH	1260	J	ug/kg			1
Unknown Naphthalene	1110	J	ug/kg			1
Unknown Naphthalene	474	J	ug/kg			1
Unknown Naphthalene	450	J	ug/kg			1
Unknown PAH	634	J	ug/kg			1
Unknown	474	J	ug/kg			1
Unknown Naphthalene	880	J	ug/kg			1
Unknown PAH	745	J	ug/kg			1
Unknown	1160	J	ug/kg			1
Unknown PAH	400	J	ug/kg			1
Unknown	430	J	ug/kg			1
Unknown Naphthalene	588	J	ug/kg			1
Unknown PAH	801	J	ug/kg			1
Unknown Thiophene	514	J	ug/kg			1
Unknown	516	J	ug/kg			1

Project Name: OSSINING ISS **Lab Number:** L2404824

Project Number: 11498-0 **Report Date:** 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 Date Collected: 01/29/24 08:30

Client ID: SOIL MIX Date Received: 01/29/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	47		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	45		18-120

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01 D
Client ID: SOIL MIX
Sample Location: OSSINING, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 02/01/24 17:36
Analyst: MRG
Percent Solids: 86%

Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 01/31/24 02:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Naphthalene	11000		ug/kg	960	120	5

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/31/24 08:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/31/24 02:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1879923-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/31/24 08:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/31/24 02:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1879923-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/31/24 08:08
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/31/24 02:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1879923-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	60		18-120

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/04/24 13:53
Analyst: CMM
TCLP/SPLP Extraction Date: 02/02/24 19:06

Extraction Method: EPA 3510C
Extraction Date: 02/03/24 20:31

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01 Batch: WG1881357-1					
Acenaphthene	ND		ug/l	2.0	1.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/04/24 13:53
Analyst: CMM
TCLP/SPLP Extraction Date: 02/02/24 19:06

Extraction Method: EPA 3510C
Extraction Date: 02/03/24 20:31

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01 Batch: WG1881357-1					
Dimethyl phthalate	ND		ug/l	5.0	4.4
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
4-Chloroaniline	ND		ug/l	5.0	0.65
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.62
Acetophenone	ND		ug/l	5.0	0.98
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/04/24 13:53
Analyst: CMM
TCLP/SPLP Extraction Date: 02/02/24 19:06

Extraction Method: EPA 3510C
Extraction Date: 02/03/24 20:31

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01 Batch: WG1881357-1					
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	82		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1879923-2 WG1879923-3								
Acenaphthene	66		52		31-137	24		50
1,2,4-Trichlorobenzene	67		55		38-107	20		50
Hexachlorobenzene	84		66		40-140	24		50
Bis(2-chloroethyl)ether	73		59		40-140	21		50
2-Chloronaphthalene	71		54		40-140	27		50
1,2-Dichlorobenzene	66		52		40-140	24		50
1,3-Dichlorobenzene	64		53		40-140	19		50
1,4-Dichlorobenzene	68		49		28-104	32		50
3,3'-Dichlorobenzidine	61		48		40-140	24		50
2,4-Dinitrotoluene	80		64		40-132	22		50
2,6-Dinitrotoluene	83		62		40-140	29		50
Fluoranthene	79		59		40-140	29		50
4-Chlorophenyl phenyl ether	74		54		40-140	31		50
4-Bromophenyl phenyl ether	80		64		40-140	22		50
Bis(2-chloroisopropyl)ether	41		**31**	Q	40-140	28		50
Bis(2-chloroethoxy)methane	73		61		40-117	18		50
Hexachlorobutadiene	73		50		40-140	37		50
Hexachlorocyclopentadiene	72		54		40-140	29		50
Hexachloroethane	69		50		40-140	32		50
Isophorone	76		62		40-140	20		50
Naphthalene	73		54		40-140	30		50
Nitrobenzene	77		57		40-140	30		50
NDPA/DPA	76		59		36-157	25		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1879923-2 WG1879923-3								
n-Nitrosodi-n-propylamine	74		63		32-121	16		50
Bis(2-ethylhexyl)phthalate	86		65		40-140	28		50
Butyl benzyl phthalate	90		58		40-140	43		50
Di-n-butylphthalate	85		63		40-140	30		50
Di-n-octylphthalate	88		66		40-140	29		50
Diethyl phthalate	78		55		40-140	35		50
Dimethyl phthalate	76		57		40-140	29		50
Benzo(a)anthracene	74		57		40-140	26		50
Benzo(a)pyrene	88		69		40-140	24		50
Benzo(b)fluoranthene	76		62		40-140	20		50
Benzo(k)fluoranthene	82		65		40-140	23		50
Chrysene	78		60		40-140	26		50
Acenaphthylene	77		58		40-140	28		50
Anthracene	78		59		40-140	28		50
Benzo(ghi)perylene	78		60		40-140	26		50
Fluorene	73		52		40-140	34		50
Phenanthrene	74		57		40-140	26		50
Dibenzo(a,h)anthracene	78		60		40-140	26		50
Indeno(1,2,3-cd)pyrene	76		60		40-140	24		50
Pyrene	78		52		35-142	40		50
Biphenyl	74		57		37-127	26		50
4-Chloroaniline	78		59		40-140	28		50
2-Nitroaniline	94		70		47-134	29		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1879923-2 WG1879923-3								
3-Nitroaniline	67		53		26-129	23		50
4-Nitroaniline	82		64		41-125	25		50
Dibenzofuran	71		56		40-140	24		50
2-Methylnaphthalene	75		57		40-140	27		50
1,2,4,5-Tetrachlorobenzene	79		59		40-117	29		50
Acetophenone	82		65		14-144	23		50
2,4,6-Trichlorophenol	78		59		30-130	28		50
p-Chloro-m-cresol	89		63		26-103	34		50
2-Chlorophenol	76		62		25-102	20		50
2,4-Dichlorophenol	77		62		30-130	22		50
2,4-Dimethylphenol	83		64		30-130	26		50
2-Nitrophenol	80		68		30-130	16		50
4-Nitrophenol	82		62		11-114	28		50
2,4-Dinitrophenol	68		55		4-130	21		50
4,6-Dinitro-o-cresol	77		64		10-130	18		50
Pentachlorophenol	88		69		17-109	24		50
Phenol	75		61		26-90	21		50
2-Methylphenol	78		64		30-130.	20		50
3-Methylphenol/4-Methylphenol	86		65		30-130	28		50
2,4,5-Trichlorophenol	79		55		30-130	36		50
Benzoic Acid	39		28		10-110	33		50
Benzyl Alcohol	80		66		40-140	19		50
Carbazole	78		60		54-128	26		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2404824

Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1879923-2 WG1879923-3								
1,4-Dioxane	54		**39**	Q	40-140	32		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		62		25-120
Phenol-d6	80		65		10-120
Nitrobenzene-d5	76		57		23-120
2-Fluorobiphenyl	74		52		30-120
2,4,6-Tribromophenol	95		72		10-136
4-Terphenyl-d14	85		58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01 Batch: WG1881357-2 WG1881357-3								
Acenaphthene	80		80		37-111	0		30
1,2,4-Trichlorobenzene	62		63		39-98	2		30
Hexachlorobenzene	80		81		40-140	1		30
Bis(2-chloroethyl)ether	68		75		40-140	10		30
2-Chloronaphthalene	71		71		40-140	0		30
1,2-Dichlorobenzene	61		65		40-140	6		30
1,3-Dichlorobenzene	59		62		40-140	5		30
1,4-Dichlorobenzene	61		64		36-97	5		30
3,3'-Dichlorobenzidine	52		48		40-140	8		30
2,4-Dinitrotoluene	95		96		48-143	1		30
2,6-Dinitrotoluene	83		87		40-140	5		30
Fluoranthene	82		83		40-140	1		30
4-Chlorophenyl phenyl ether	78		78		40-140	0		30
4-Bromophenyl phenyl ether	77		80		40-140	4		30
Bis(2-chloroisopropyl)ether	66		72		40-140	9		30
Bis(2-chloroethoxy)methane	69		74		40-140	7		30
Hexachlorobutadiene	67		66		40-140	2		30
Hexachlorocyclopentadiene	73		68		40-140	7		30
Hexachloroethane	60		64		40-140	6		30
Isophorone	70		73		40-140	4		30
Naphthalene	70		73		40-140	4		30
Nitrobenzene	72		79		40-140	9		30
NDPA/DPA	80		79		40-140	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01 Batch: WG1881357-2 WG1881357-3								
n-Nitrosodi-n-propylamine	68		76		29-132	11		30
Bis(2-ethylhexyl)phthalate	87		88		40-140	1		30
Butyl benzyl phthalate	85		88		40-140	3		30
Di-n-butylphthalate	83		86		40-140	4		30
Di-n-octylphthalate	86		87		40-140	1		30
Diethyl phthalate	80		80		40-140	0		30
Dimethyl phthalate	76		78		40-140	3		30
Benzo(a)anthracene	80		80		40-140	0		30
Benzo(a)pyrene	82		82		40-140	0		30
Benzo(b)fluoranthene	81		83		40-140	2		30
Benzo(k)fluoranthene	84		83		40-140	1		30
Chrysene	80		82		40-140	2		30
Acenaphthylene	73		75		45-123	3		30
Anthracene	81		82		40-140	1		30
Benzo(ghi)perylene	81		83		40-140	2		30
Fluorene	79		80		40-140	1		30
Phenanthrene	80		82		40-140	2		30
Dibenzo(a,h)anthracene	82		82		40-140	0		30
Indeno(1,2,3-cd)pyrene	77		78		40-140	1		30
Pyrene	80		84		26-127	5		30
Biphenyl	66		68		40-140	3		30
4-Chloroaniline	63		64		40-140	2		30
2-Nitroaniline	84		86		52-143	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01 Batch: WG1881357-2 WG1881357-3								
3-Nitroaniline	60		53		25-145	12		30
4-Nitroaniline	84		81		51-143	4		30
Dibenzofuran	79		79		40-140	0		30
2-Methylnaphthalene	73		73		40-140	0		30
1,2,4,5-Tetrachlorobenzene	65		66		2-134	2		30
Acetophenone	65		69		39-129	6		30
2,4,6-Trichlorophenol	77		80		30-130	4		30
p-Chloro-m-cresol	77		78		23-97	1		30
2-Chlorophenol	64		71		27-123	10		30
2,4-Dichlorophenol	71		75		30-130	5		30
2,4-Dimethylphenol	86		93		30-130	8		30
2-Nitrophenol	74		83		30-130	11		30
4-Nitrophenol	54		57		10-80	5		30
2,4-Dinitrophenol	86		89		20-130	3		30
4,6-Dinitro-o-cresol	93		92		20-164	1		30
Pentachlorophenol	84		84		9-103	0		30
Phenol	32		35		12-110	9		30
2-Methylphenol	60		65		30-130	8		30
3-Methylphenol/4-Methylphenol	58		63		30-130	8		30
2,4,5-Trichlorophenol	77		79		30-130	3		30
Benzoic Acid	21		28		10-164	29		30
Benzyl Alcohol	58		63		26-116	8		30
Carbazole	80		82		55-144	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01 Batch: WG1881357-2 WG1881357-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		51		21-120
Phenol-d6	32		35		10-120
Nitrobenzene-d5	76		82		23-120
2-Fluorobiphenyl	78		81		15-120
2,4,6-Tribromophenol	89		91		10-120
4-Terphenyl-d14	84		87		41-149

METALS

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01
Client ID: SOIL MIX
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Soil
Percent Solids: 86%

Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 02/02/24 19:06

SPLP Metals by EPA 1312 - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, SPLP	2.36		mg/l	0.100	0.0318	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Antimony, SPLP	ND		mg/l	0.0500	0.0071	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Arsenic, SPLP	0.0039	J	mg/l	0.0050	0.0019	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Barium, SPLP	0.0648		mg/l	0.0100	0.0021	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Beryllium, SPLP	ND		mg/l	0.0050	0.0009	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Cadmium, SPLP	ND		mg/l	0.0050	0.0010	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Calcium, SPLP	16.2		mg/l	0.100	0.0350	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Chromium, SPLP	0.0081	J	mg/l	0.0100	0.0021	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Cobalt, SPLP	0.0021	J	mg/l	0.0100	0.0017	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Copper, SPLP	0.0128		mg/l	0.0100	0.0022	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Iron, SPLP	3.75		mg/l	0.0500	0.0090	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Lead, SPLP	0.0408		mg/l	0.0100	0.0027	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Magnesium, SPLP	1.33		mg/l	0.100	0.0153	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Manganese, SPLP	0.0876		mg/l	0.0100	0.0016	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Mercury, SPLP	0.00020		mg/l	0.00020	0.00009	1	02/05/24 09:28	02/05/24 12:09	EPA 7470A	1,7470A	MJR
Nickel, SPLP	0.0034	J	mg/l	0.0250	0.0024	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Potassium, SPLP	1.70	J	mg/l	2.50	0.237	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Selenium, SPLP	ND		mg/l	0.0100	0.0035	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Silver, SPLP	ND		mg/l	0.0070	0.0028	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Sodium, SPLP	16.8		mg/l	2.00	0.120	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Thallium, SPLP	ND		mg/l	0.0200	0.0025	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Vanadium, SPLP	0.0128		mg/l	0.0100	0.0020	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL
Zinc, SPLP	0.0213	J	mg/l	0.0500	0.0021	1	02/05/24 08:42	02/05/24 10:37	EPA 3005A	1,6010D	DHL

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01
Client ID: SOIL MIX
Sample Location: OSSINING, NY
Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	9.01	2.43	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.51	0.342	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.62		mg/kg	0.901	0.187	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Barium, Total	87.3		mg/kg	0.901	0.157	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.451	0.030	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.901	0.088	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Calcium, Total	16300		mg/kg	9.01	3.15	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Chromium, Total	30.4		mg/kg	0.901	0.087	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Cobalt, Total	8.10		mg/kg	1.80	0.150	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Copper, Total	18.6		mg/kg	0.901	0.232	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Iron, Total	17600		mg/kg	4.51	0.814	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Lead, Total	31.6		mg/kg	4.51	0.242	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Magnesium, Total	8770		mg/kg	9.01	1.39	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Manganese, Total	187		mg/kg	0.901	0.143	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Mercury, Total	0.110		mg/kg	0.078	0.051	1	01/30/24 23:33	01/31/24 15:55	EPA 7471B	1,7471B	GMC
Nickel, Total	18.2		mg/kg	2.25	0.218	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Potassium, Total	4340		mg/kg	225	13.0	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.80	0.232	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.451	0.255	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Sodium, Total	347		mg/kg	180	2.84	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Thallium, Total	0.474	J	mg/kg	1.80	0.284	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Vanadium, Total	28.6		mg/kg	0.901	0.183	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC
Zinc, Total	60.6		mg/kg	4.51	0.264	2	01/30/24 22:38	01/31/24 13:05	EPA 3050B	1,6010D	DMC

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1879689-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Iron, Total	1.04	J	mg/kg	2.00	0.361	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Sodium, Total	2.45	J	mg/kg	80.0	1.26	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/30/24 22:38	01/31/24 11:23	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1879691-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/30/24 23:33	01/31/24 16:35	1,7471B	GMC

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab for sample(s): 01 Batch: WG1881553-1										
Aluminum, SPLP	ND		mg/l	0.100	0.0318	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Antimony, SPLP	ND		mg/l	0.0500	0.0071	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Arsenic, SPLP	ND		mg/l	0.0050	0.0019	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Barium, SPLP	ND		mg/l	0.0100	0.0021	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Beryllium, SPLP	ND		mg/l	0.0050	0.0009	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Cadmium, SPLP	ND		mg/l	0.0050	0.0010	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Calcium, SPLP	0.168		mg/l	0.100	0.0350	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Chromium, SPLP	0.0042	J	mg/l	0.0100	0.0021	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Cobalt, SPLP	ND		mg/l	0.0100	0.0017	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Copper, SPLP	ND		mg/l	0.0100	0.0022	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Iron, SPLP	ND		mg/l	0.0500	0.0090	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Lead, SPLP	ND		mg/l	0.0100	0.0027	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Magnesium, SPLP	0.0344	J	mg/l	0.100	0.0153	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Manganese, SPLP	ND		mg/l	0.0100	0.0016	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Nickel, SPLP	ND		mg/l	0.0250	0.0024	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Potassium, SPLP	ND		mg/l	2.50	0.237	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Selenium, SPLP	ND		mg/l	0.0100	0.0035	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Silver, SPLP	ND		mg/l	0.0070	0.0028	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Sodium, SPLP	1.68	J	mg/l	2.00	0.120	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Thallium, SPLP	ND		mg/l	0.0200	0.0025	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Vanadium, SPLP	ND		mg/l	0.0100	0.0020	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL
Zinc, SPLP	0.0021	J	mg/l	0.0500	0.0021	1	02/05/24 08:42	02/05/24 11:06	1,6010D	DHL

Prep Information

Digestion Method: EPA 3005A
TCLP/SPLP Extraction Date: 02/02/24 19:06

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2404824
Report Date: 02/09/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab for sample(s): 01 Batch: WG1881555-1										
Mercury, SPLP	ND		mg/l	0.00020	0.00009	1	02/05/24 09:28	02/05/24 12:02	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 02/02/24 19:06

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2404824

Report Date: 02/09/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1879689-2 SRM Lot Number: D122-540								
Aluminum, Total	67		-		52-148	-		
Antimony, Total	153		-		6-194	-		
Arsenic, Total	112		-		81-119	-		
Barium, Total	95		-		83-117	-		
Beryllium, Total	98		-		83-117	-		
Cadmium, Total	105		-		83-117	-		
Calcium, Total	98		-		83-117	-		
Chromium, Total	106		-		82-118	-		
Cobalt, Total	110		-		84-117	-		
Copper, Total	99		-		84-116	-		
Iron, Total	94		-		65-135	-		
Lead, Total	112		-		83-117	-		
Magnesium, Total	90		-		80-120	-		
Manganese, Total	109		-		82-118	-		
Nickel, Total	110		-		83-117	-		
Potassium, Total	83		-		76-123	-		
Selenium, Total	113		-		81-119	-		
Silver, Total	110		-		80-120	-		
Sodium, Total	102		-		75-125	-		
Thallium, Total	110		-		81-119	-		
Vanadium, Total	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2404824

Report Date: 02/09/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1879689-2 SRM Lot Number: D122-540					
Zinc, Total	108	-	82-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1879691-2 SRM Lot Number: D122-540					
Mercury, Total	93	-	73-127	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 Batch: WG1881553-2					
Aluminum, SPLP	101	-	80-120	-	
Antimony, SPLP	101	-	80-120	-	
Arsenic, SPLP	97	-	80-120	-	
Barium, SPLP	101	-	80-120	-	
Beryllium, SPLP	103	-	80-120	-	
Cadmium, SPLP	97	-	80-120	-	
Calcium, SPLP	105	-	80-120	-	
Chromium, SPLP	101	-	80-120	-	
Cobalt, SPLP	98	-	80-120	-	
Copper, SPLP	102	-	80-120	-	
Iron, SPLP	101	-	80-120	-	
Lead, SPLP	101	-	80-120	-	
Magnesium, SPLP	98	-	80-120	-	
Manganese, SPLP	103	-	80-120	-	
Nickel, SPLP	99	-	80-120	-	
Potassium, SPLP	103	-	80-120	-	
Selenium, SPLP	96	-	80-120	-	
Silver, SPLP	98	-	80-120	-	
Sodium, SPLP	119	-	80-120	-	
Thallium, SPLP	98	-	80-120	-	
Vanadium, SPLP	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2404824

Report Date: 02/09/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 Batch: WG1881553-2					
Zinc, SPLP	98	-	80-120	-	
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 Batch: WG1881555-2					
Mercury, SPLP	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1879689-3 QC Sample: L2404717-01 Client ID: MS Sample												
Aluminum, Total	6400	168	6220	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	42	42.8	102		-	-		75-125	-		20
Arsenic, Total	10.3	10.1	20.4	100		-	-		75-125	-		20
Barium, Total	73.2	168	175	**60**	Q	-	-		75-125	-		20
Beryllium, Total	1.01	4.2	4.25	77		-	-		75-125	-		20
Cadmium, Total	0.250J	4.45	4.48	101		-	-		75-125	-		20
Calcium, Total	1050	840	1380	**39**	Q	-	-		75-125	-		20
Chromium, Total	14.5	16.8	28.7	84		-	-		75-125	-		20
Cobalt, Total	22.7	42	62.3	94		-	-		75-125	-		20
Copper, Total	36.0	21	48.7	**60**	Q	-	-		75-125	-		20
Iron, Total	29600	84	23000	**0**	Q	-	-		75-125	-		20
Lead, Total	20.0	44.5	61.8	94		-	-		75-125	-		20
Magnesium, Total	2520	840	3240	86		-	-		75-125	-		20
Manganese, Total	1190	42	672	**0**	Q	-	-		75-125	-		20
Nickel, Total	35.5	42	71.0	84		-	-		75-125	-		20
Potassium, Total	573	840	1110	**64**	Q	-	-		75-125	-		20
Selenium, Total	0.623J	10.1	10.8	107		-	-		75-125	-		20
Silver, Total	ND	4.2	3.92	93		-	-		75-125	-		20
Sodium, Total	26.5J	840	742	88		-	-		75-125	-		20
Thallium, Total	0.516J	10.1	8.87	88		-	-		75-125	-		20
Vanadium, Total	13.7	42	47.8	81		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1879689-3 QC Sample: L2404717-01 Client ID: MS Sample										
Zinc, Total	125	42	138	**31**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1879691-3 QC Sample: L2404242-03 Client ID: MS Sample										
Mercury, Total	ND	6.91	7.04	102		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1881553-3 QC Sample: L2404824-01 Client ID: SOIL MIX										
Aluminum, SPLP	2.36	2	5.05	**134**	Q	-	-	75-125	-	20
Antimony, SPLP	ND	0.5	0.524	105		-	-	75-125	-	20
Arsenic, SPLP	0.0039J	0.12	0.124	103		-	-	75-125	-	20
Barium, SPLP	0.0648	2	2.05	99		-	-	75-125	-	20
Beryllium, SPLP	ND	0.05	0.0512	102		-	-	75-125	-	20
Cadmium, SPLP	ND	0.053	0.0528	100		-	-	75-125	-	20
Calcium, SPLP	16.2	10	26.1	99		-	-	75-125	-	20
Chromium, SPLP	0.0081J	0.2	0.213	106		-	-	75-125	-	20
Cobalt, SPLP	0.0021J	0.5	0.513	103		-	-	75-125	-	20
Copper, SPLP	0.0128	0.25	0.278	106		-	-	75-125	-	20
Iron, SPLP	3.75	1	5.32	**157**	Q	-	-	75-125	-	20
Lead, SPLP	0.0408	0.53	0.581	102		-	-	75-125	-	20
Magnesium, SPLP	1.33	10	11.5	102		-	-	75-125	-	20
Manganese, SPLP	0.0876	0.5	0.593	101		-	-	75-125	-	20
Nickel, SPLP	0.0034J	0.5	0.514	103		-	-	75-125	-	20
Potassium, SPLP	1.70J	10	12.0	120		-	-	75-125	-	20
Selenium, SPLP	ND	0.12	0.119	99		-	-	75-125	-	20
Silver, SPLP	ND	0.05	0.0504	101		-	-	75-125	-	20
Sodium, SPLP	16.8	10	27.2	104		-	-	75-125	-	20
Thallium, SPLP	ND	0.12	0.119	99		-	-	75-125	-	20
Vanadium, SPLP	0.0128	0.5	0.531	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1881553-3 QC Sample: L2404824-01 Client ID: SOIL MIX									
Zinc, SPLP	0.0213J	0.5	0.526	105	-	-	75-125	-	20
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1881555-3 QC Sample: L2404824-01 Client ID: SOIL MIX									
Mercury, SPLP	0.00020	0.005	0.00525	101	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1879689-4 QC Sample: L2404717-01 Client ID: DUP Sample						
Arsenic, Total	10.3	9.07	mg/kg	13		20
Barium, Total	73.2	39.1	mg/kg	**61**	Q	20
Cadmium, Total	0.250J	0.222J	mg/kg	NC		20
Chromium, Total	14.5	15.2	mg/kg	5		20
Lead, Total	20.0	21.9	mg/kg	9		20
Selenium, Total	0.623J	0.375J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1879691-4 QC Sample: L2404242-03 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1881553-4 QC Sample: L2404824-01 Client ID: SOIL MIX						
Aluminum, SPLP	2.36	5.08	mg/l	**73**	Q	20
Antimony, SPLP	ND	ND	mg/l	NC		20
Arsenic, SPLP	0.0039J	0.0037J	mg/l	NC		20
Barium, SPLP	0.0648	0.0733	mg/l	12		20
Beryllium, SPLP	ND	ND	mg/l	NC		20
Cadmium, SPLP	ND	ND	mg/l	NC		20
Calcium, SPLP	16.2	16.3	mg/l	1		20
Chromium, SPLP	0.0081J	0.0110	mg/l	NC		20
Cobalt, SPLP	0.0021J	0.0027J	mg/l	NC		20
Copper, SPLP	0.0128	0.0148	mg/l	14		20
Iron, SPLP	3.75	5.92	mg/l	**45**	Q	20
Lead, SPLP	0.0408	0.0412	mg/l	1		20
Magnesium, SPLP	1.33	1.62	mg/l	20		20
Manganese, SPLP	0.0876	0.0977	mg/l	11		20
Nickel, SPLP	0.0034J	0.0059J	mg/l	NC		20
Potassium, SPLP	1.70J	2.25J	mg/l	NC		20
Selenium, SPLP	ND	ND	mg/l	NC		20
Silver, SPLP	ND	ND	mg/l	NC		20
Sodium, SPLP	16.8	16.9	mg/l	1		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1881553-4 QC Sample: L2404824-01 Client ID: SOIL MIX						
Thallium, SPLP	ND	ND	mg/l	NC		20
Vanadium, SPLP	0.0128	0.0159	mg/l	**22**	Q	20
Zinc, SPLP	0.0213J	0.0262J	mg/l	NC		20
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1881555-4 QC Sample: L2404824-01 Client ID: SOIL MIX						
Mercury, SPLP	0.00020	0.00020	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

SAMPLE RESULTS

Lab ID: L2404824-01
Client ID: SOIL MIX
Sample Location: OSSINING, NY

Date Collected: 01/29/24 08:30
Date Received: 01/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Grain Size Analysis - Mansfield Lab										
Cobbles	ND		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
% Coarse Gravel	3.00		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
% Fine Gravel	10.0		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
% Total Gravel	13.0		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
% Coarse Sand	11.0		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
% Medium Sand	34.0		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
% Fine Sand	23.0		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
% Total Sand	68.0		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
% Total Fines	19.0		%	0.100	NA	1	-	02/05/24 11:43	12,D6913/D7928	SJK
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	01/30/24 10:38	121,2540G	ROI

Lab Duplicate Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1879577-1 QC Sample: L2404860-09 Client ID: DUP Sample						
Solids, Total	83.0	83.5	%	1		20
Grain Size Analysis - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1881702-1 QC Sample: L2404824-01 Client ID: SOIL MIX						
Cobbles	ND	ND	%	NC		20
% Coarse Gravel	3.00	3.00	%	0		20
% Fine Gravel	10.0	8.00	%	**22**	Q	20
% Total Gravel	13.0	11.0	%	17		20
% Coarse Sand	11.0	11.0	%	0		20
% Medium Sand	34.0	40.0	%	16		20
% Fine Sand	23.0	22.0	%	4		20
% Total Sand	68.0	73.0	%	7		20
% Total Fines	19.0	16.0	%	17		20

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2404824
Report Date: 02/09/24

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(*)
L2404824-01A	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2404824-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2404824-01C	Vial Large Septa unpreserved (4oz)	A	NA		4.5	Y	Absent		SPLP-EXT-ZHE(14)
L2404824-01D	Plastic 8oz unpreserved for Grain Size	A	NA		4.5	Y	Absent		A2-HYDRO-TFINE(),A2-HYDRO-FSAND(),A2-HYDRO-CGRAVEL(),A2-HYDRO-MSAND(),A2-HYDRO-TGRAVEL(),A2-HYDRO-CSAND(),A2-HYDRO-TSAND(),A2-HYDRO-COBBLES(),A2-HYDRO-FGRAVEL()
L2404824-01E	Glass 500ml/16oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7)
L2404824-01T	Vial unpreserved Extracts	A	NA		4.5	Y	Absent		SPLP-VOA(14)
L2404824-01U	Vial unpreserved Extracts	A	NA		4.5	Y	Absent		SPLP-VOA(14)
L2404824-01V	Vial unpreserved Extracts	A	NA		4.5	Y	Absent		SPLP-VOA(14)
L2404824-01W	Amber 1000ml unpreserved Extracts	A	NA		4.5	Y	Absent		SPLP-8270(14)
L2404824-01X	Vial MeOH preserved split	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L2404824-01X9	Tumble Vessel	A	NA		4.5	Y	Absent		-
L2404824-01Y	Vial Water preserved split	A	NA		4.5	Y	Absent	30-JAN-24 11:23	NYTCL-8260(14)
L2404824-01Z	Vial Water preserved split	A	NA		4.5	Y	Absent	30-JAN-24 11:23	NYTCL-8260(14)
L2404824-01Z1	Plastic 250ml HNO3 preserved Extracts	A	NA		4.5	Y	Absent		AG-PI(180),NA-PI(180),K-PI(180),SE-PI(180),CO-PI(180),CU-PI(180),SB-PI(180),MG-PI(180),ZN-PI(180),NI-PI(180),MN-PI(180),TL-PI(180),V-PI(180),PB-PI(180),BA-PI(180),CA-PI(180),CR-PI(180),BE-PI(180),FE-PI(180),AL-PI(180),CD-PI(180),HG-P(28),AS-PI(180)

*Values in parentheses indicate holding time in days

Project Name:	OSSINING ISS	**Lab Number:**	L2404824
Project Number:	11498-0	**Report Date:**	02/09/24

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OSSINING ISS	**Lab Number:**	L2404824
Project Number:	11498-0	**Report Date:**	02/09/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OSSINING ISS	**Lab Number:**	L2404824
Project Number:	11498-0	**Report Date:**	02/09/24

Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2404824
Project Number:	11498-0	**Report Date:**	02/09/24

REFERENCES

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

12 Annual Book of ASTM Standards. (American Society for Testing and Materials) ASTM International.

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.

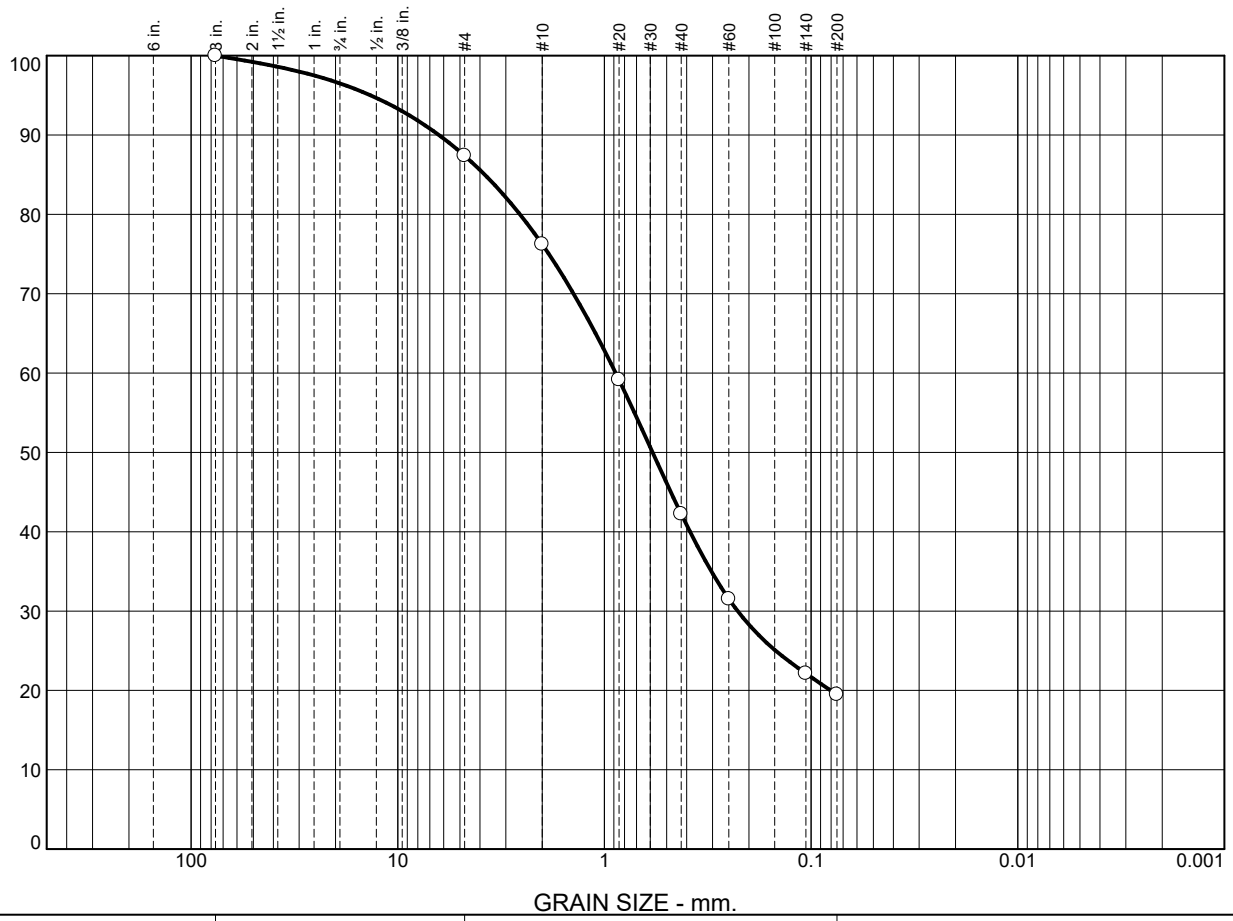
We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ASTM D6913/D7928

GRAIN SIZE ANALYSIS

These results are for the exclusive use of the client for whom they were obtained. They apply only to the samples tested and are not indicitive of apparently identical samples.

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0	3	10	11	34	23	19	

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			3.7950	0.8822	0.5851	0.2267				

Material Description	USCS	AASHTO
○		

Project No. **Client:**

Project:

○ **Source of Sample:** SOIL MIX **Sample Number:** L2404824-01

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

2/8/2024

Location: SOIL MIX
Sample Number: L2404824-01

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 111.21
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
111.21	0.00	3"	0.00	0.00	100
		#4	14.03	0.00	87
		#10	12.41	0.00	76
		#20	19.01	0.00	59
		#40	18.79	0.00	42
		#60	11.93	0.00	32
		#140	10.42	0.00	22
		#200	2.98	0.00	19

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	3	10	13	11	34	23	68			19

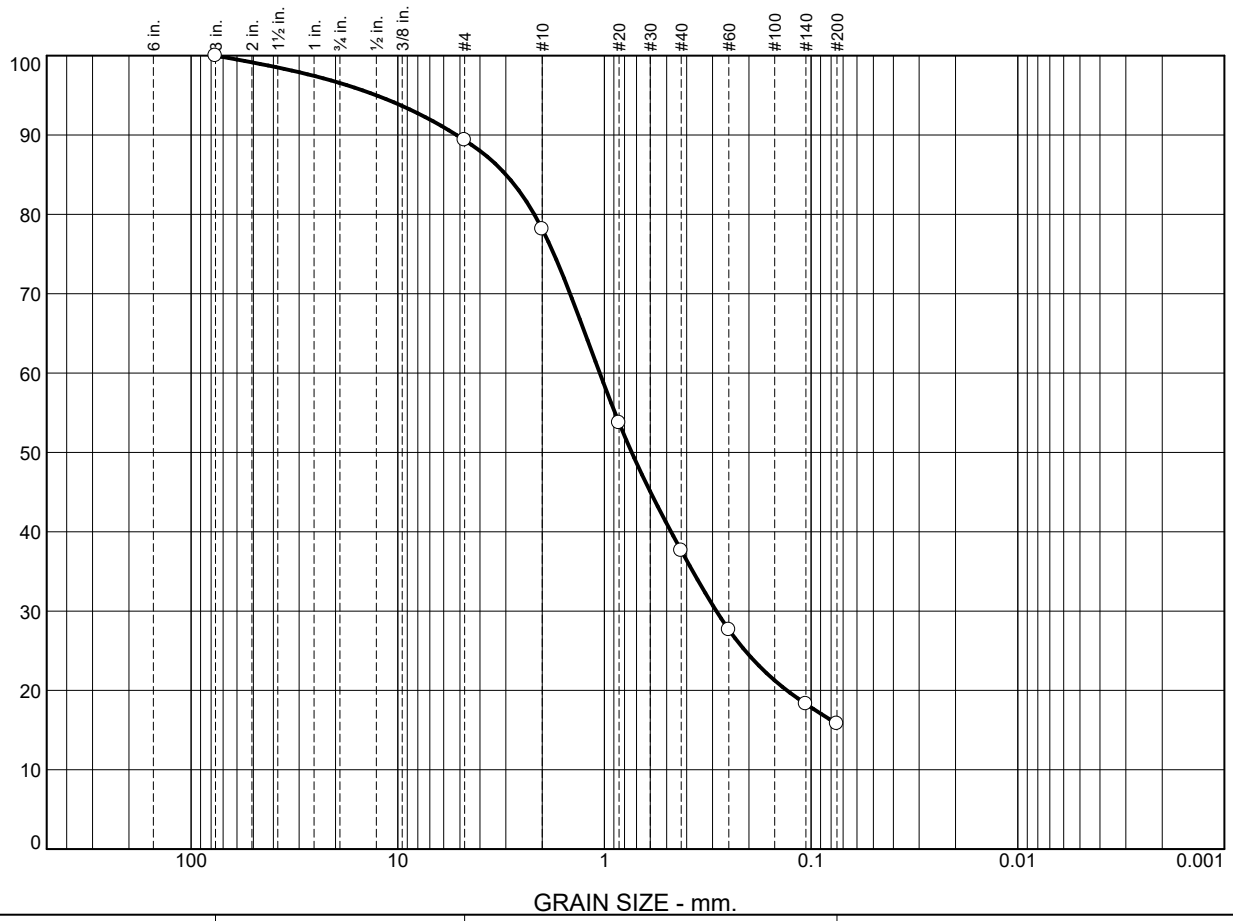
D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
			0.0805	0.2267	0.3854	0.5851	0.8822	2.5622	3.7950	6.3254	13.5427

Fineness Modulus
2.69

Alpha Analytical

These results are for the exclusive use of the client for whom they were obtained. They apply only to the samples tested and are not indicitive of apparently identical samples.

Particle Size Distribution Report



	% +3"	% Gravel		% Sand			% Fines	
		Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
○	0	3	8	11	40	22	16	

	LL	PL	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			2.9933	1.0534	0.7382	0.2875				

	Material Description	USCS	AASHTO
○			

Project No. **Client:**

Project:

○ **Source of Sample:** SOIL MIX **Sample Number:** WG1881702-1

Remarks:

Alpha Analytical

Mansfield, MA

Figure

GRAIN SIZE DISTRIBUTION TEST DATA

2/8/2024

Location: SOIL MIX
Sample Number: WG1881702-1

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 111.68
Tare Wt. = 0.00
Minus #200 from wash = 0.0%

Dry Sample and Tare (grams)	Tare (grams)	Sieve Opening Size	Weight Retained (grams)	Sieve Weight (grams)	Percent Finer
111.68	0.00	3"	0.00	0.00	100
		#4	11.89	0.00	89
		#10	12.53	0.00	78
		#20	27.25	0.00	54
		#40	17.98	0.00	38
		#60	11.16	0.00	28
		#140	10.44	0.00	18
		#200	2.78	0.00	16

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	3	8	11	11	40	22	73			16

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
			0.1308	0.2875	0.4762	0.7382	1.0534	2.1854	2.9933	5.1924	12.6873

Fineness Modulus
2.80

Alpha Analytical

Certification Information

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

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA 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

Date Rec'd in Lab: 1/29/24

ALPHA Job #: L2404824

Client Information

Client: SESI Consulting Engineers
Address: 959 US-46 Floor 3, Suite 300
Parsippany-Troy Hills, NJ 07054
Phone: 973-808-9050
Fax:
Email: ad@sesi.org

Project Information

Project Name: Ossining ISS
Project Location: Ossining, NY
Project #: 11498-0
(Use Project name as Project #) ☐
Project Manager: Amine Dahmani
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 Day

Deliverables

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

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
ISS Treatability Study - coal tar contaminated soil

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ one
☐ ab to do
Preservation
☐ ab to do
(Please Specify below)

Total Bottl

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL metals	SPLP VOCs	SPLP SVOCs	SPLP TAL metals	Grain Size	Sample Specific Comments
04824-01	SOIL MIX	1/29/24	8:30 a.m.	Soil	AD	x	x	x	x	x	x	x	
Container Type						A	A	A	A	A	A	P	
Preservative						A	A	A	A	A	A	A	

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

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
Amine Dahmani	1/29/24 11:46 am		1/29/24 1149
	1/29/24 1650		1/29 1650

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)

ANALYTICAL REPORT

Lab Number:	L2412747
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	OSSINING ISS
Project Number:	11498-0
Report Date:	03/15/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2412747-01	TAP	WATER	OSSINING, NY	03/07/24 15:20	03/08/24

Project Name:	OSSINING ISS	**Lab Number:**	L2412747
Project Number:	11498-0	**Report Date:**	03/15/24

Case Narrative

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

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

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

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

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2412747
Project Number:	11498-0	**Report Date:**	03/15/24

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 03/15/24

ORGANICS

VOLATILES

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01
Client ID: TAP
Sample Location: OSSINING, NY
Date Collected: 03/07/24 15:20
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/11/24 14:47
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.2		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	1.4		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	1.9		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: OSSINING ISS **Lab Number:** L2412747

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01 Date Collected: 03/07/24 15:20

Client ID: TAP Date Received: 03/08/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01
Client ID: TAP
Sample Location: OSSINING, NY
Date Collected: 03/07/24 15:20
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	115		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/11/24 08:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1895079-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/11/24 08:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1895079-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/11/24 08:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1895079-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/11/24 08:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1895079-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1895079-3 WG1895079-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		98		63-130	2		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	140		140		62-150	0		20
1,2-Dichloroethane	98		100		70-130	2		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	97		94		70-130	3		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	98		98		54-136	0		20
1,1,2,2-Tetrachloroethane	94		100		67-130	6		20
Benzene	120		110		70-130	9		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	**140**	Q	**140**	Q	39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412747

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1895079-3 WG1895079-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	**170**	Q	**170**	Q	55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	120		110		70-130	9		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	120		110		70-130	9		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	94		99		63-130	5		20
p/m-Xylene	115		110		70-130	4		20
o-Xylene	115		110		70-130	4		20
cis-1,2-Dichloroethene	120		120		70-130	0		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	90		96		64-130	6		20
Acrylonitrile	90		100		70-130	11		20
Styrene	115		110		70-130	4		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	86		94		58-148	9		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	78		88		63-138	12		20
Vinyl acetate	89		95		70-130	7		20
4-Methyl-2-pentanone	77		92		59-130	18		20
2-Hexanone	72		86		57-130	18		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412747

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1895079-3 WG1895079-4								
Bromochloromethane	120		120		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	110		110		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	110		100		70-130	10		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	92		100		41-144	8		20
Hexachlorobutadiene	120		110		63-130	9		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	99		100		70-130	1		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	84		92		56-162	9		20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412747

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1895079-3 WG1895079-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	**140**	Q	**140**	Q	59-134	0		20
trans-1,4-Dichloro-2-butene	80		86		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		100		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	104		108		70-130

SEMIVOLATILES

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01
Client ID: TAP
Sample Location: OSSINING, NY

Date Collected: 03/07/24 15:20
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/13/24 11:47
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/12/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: OSSINING ISS **Lab Number:** L2412747

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01 Date Collected: 03/07/24 15:20

Client ID: TAP Date Received: 03/08/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Tentatively Identified Compounds				
Total TIC Compounds	32.3	J	ug/l	1
Unknown	3.60	J	ug/l	1
Unknown Alkane	2.00	J	ug/l	1
Unknown Organic Acid	2.65	J	ug/l	1
Unknown	3.16	J	ug/l	1
Unknown	2.22	J	ug/l	1
Unknown Organic Acid	1.89	J	ug/l	1
Unknown	1.74	J	ug/l	1
Unknown	1.56	J	ug/l	1
Unknown	3.05	J	ug/l	1
Unknown Amide	10.4	J	ug/l	1

Project Name: OSSINING ISS **Lab Number:** L2412747

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01 Date Collected: 03/07/24 15:20

Client ID: TAP Date Received: 03/08/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	62		41-149

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01
Client ID: TAP
Sample Location: OSSINING, NY

Date Collected: 03/07/24 15:20
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/13/24 12:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/12/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.08	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.06	J	ug/l	0.10	0.01	1
Chrysene	0.06	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.01	1
Pyrene	0.04	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: OSSINING ISS **Lab Number:** L2412747

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01 Date Collected: 03/07/24 15:20

Client ID: TAP Date Received: 03/08/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	61		41-149

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/13/24 00:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/12/24 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1894955-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/13/24 00:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/12/24 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1894955-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/13/24 00:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/12/24 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1894955-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	26.4	J	ug/l
Unknown Amide	5.49	J	ug/l
Unknown Organic Acid	5.16	J	ug/l
Unknown	2.80	J	ug/l
Unknown	2.07	J	ug/l
Unknown Amide	2.22	J	ug/l
Unknown Organic Acid	3.02	J	ug/l
Unknown Organic Acid	1.45	J	ug/l
Unknown	4.14	J	ug/l

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/13/24 00:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/12/24 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1894955-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	80		41-149

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/12/24 16:36
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/12/24 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1894956-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	0.05	J	ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/12/24 16:36
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 03/12/24 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1894956-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	65		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412747

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1894955-2 WG1894955-3								
Acenaphthene	72		76		37-111	5		30
1,2,4-Trichlorobenzene	70		76		39-98	8		30
Hexachlorobenzene	79		82		40-140	4		30
Bis(2-chloroethyl)ether	70		72		40-140	3		30
2-Chloronaphthalene	75		78		40-140	4		30
1,2-Dichlorobenzene	69		71		40-140	3		30
1,3-Dichlorobenzene	66		67		40-140	2		30
1,4-Dichlorobenzene	68		69		36-97	1		30
3,3'-Dichlorobenzidine	53		56		40-140	6		30
2,4-Dinitrotoluene	79		81		48-143	3		30
2,6-Dinitrotoluene	85		87		40-140	2		30
Fluoranthene	73		73		40-140	0		30
4-Chlorophenyl phenyl ether	75		79		40-140	5		30
4-Bromophenyl phenyl ether	79		79		40-140	0		30
Bis(2-chloroisopropyl)ether	70		74		40-140	6		30
Bis(2-chloroethoxy)methane	71		73		40-140	3		30
Hexachlorobutadiene	74		77		40-140	4		30
Hexachlorocyclopentadiene	80		82		40-140	2		30
Hexachloroethane	66		69		40-140	4		30
Isophorone	70		73		40-140	4		30
Naphthalene	71		74		40-140	4		30
Nitrobenzene	70		73		40-140	4		30
NDPA/DPA	75		78		40-140	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1894955-2 WG1894955-3								
n-Nitrosodi-n-propylamine	71		73		29-132	3		30
Bis(2-ethylhexyl)phthalate	73		76		40-140	4		30
Butyl benzyl phthalate	74		73		40-140	1		30
Di-n-butylphthalate	75		78		40-140	4		30
Di-n-octylphthalate	71		74		40-140	4		30
Diethyl phthalate	76		78		40-140	3		30
Dimethyl phthalate	81		84		40-140	4		30
Benzo(a)anthracene	70		74		40-140	6		30
Benzo(a)pyrene	70		72		40-140	3		30
Benzo(b)fluoranthene	71		73		40-140	3		30
Benzo(k)fluoranthene	71		72		40-140	1		30
Chrysene	71		74		40-140	4		30
Acenaphthylene	75		75		45-123	0		30
Anthracene	73		74		40-140	1		30
Benzo(ghi)perylene	69		70		40-140	1		30
Fluorene	73		75		40-140	3		30
Phenanthrene	73		73		40-140	0		30
Dibenzo(a,h)anthracene	72		73		40-140	1		30
Indeno(1,2,3-cd)pyrene	69		68		40-140	1		30
Pyrene	73		75		26-127	3		30
Biphenyl	77		82		40-140	6		30
4-Chloroaniline	67		82		40-140	20		30
2-Nitroaniline	84		85		52-143	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1894955-2 WG1894955-3								
3-Nitroaniline	72		73		25-145	1		30
4-Nitroaniline	74		70		51-143	6		30
Dibenzofuran	74		77		40-140	4		30
2-Methylnaphthalene	71		75		40-140	5		30
1,2,4,5-Tetrachlorobenzene	77		82		2-134	6		30
Acetophenone	69		75		39-129	8		30
2,4,6-Trichlorophenol	86		82		30-130	5		30
p-Chloro-m-cresol	79		79		23-97	0		30
2-Chlorophenol	72		74		27-123	3		30
2,4-Dichlorophenol	77		80		30-130	4		30
2,4-Dimethylphenol	63		69		30-130	9		30
2-Nitrophenol	73		80		30-130	9		30
4-Nitrophenol	74		79		10-80	7		30
2,4-Dinitrophenol	87		90		20-130	3		30
4,6-Dinitro-o-cresol	92		93		20-164	1		30
Pentachlorophenol	71		77		9-103	8		30
Phenol	50		56		12-110	11		30
2-Methylphenol	68		75		30-130	10		30
3-Methylphenol/4-Methylphenol	67		70		30-130	4		30
2,4,5-Trichlorophenol	84		84		30-130	0		30
Benzoic Acid	55		65		10-164	17		30
Benzyl Alcohol	72		72		26-116	0		30
Carbazole	73		71		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412747

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1894955-2 WG1894955-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		67		21-120
Phenol-d6	53		57		10-120
Nitrobenzene-d5	70		78		23-120
2-Fluorobiphenyl	74		78		15-120
2,4,6-Tribromophenol	76		81		10-120
4-Terphenyl-d14	72		72		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1894956-2 WG1894956-3								
Acenaphthene	69		77		40-140	11		40
2-Chloronaphthalene	64		71		40-140	10		40
Fluoranthene	65		70		40-140	7		40
Hexachlorobutadiene	67		74		40-140	10		40
Naphthalene	68		76		40-140	11		40
Benzo(a)anthracene	81		89		40-140	9		40
Benzo(a)pyrene	69		75		40-140	8		40
Benzo(b)fluoranthene	70		77		40-140	10		40
Benzo(k)fluoranthene	68		72		40-140	6		40
Chrysene	75		81		40-140	8		40
Acenaphthylene	66		71		40-140	7		40
Anthracene	70		76		40-140	8		40
Benzo(ghi)perylene	72		78		40-140	8		40
Fluorene	69		75		40-140	8		40
Phenanthrene	69		75		40-140	8		40
Dibenzo(a,h)anthracene	70		75		40-140	7		40
Indeno(1,2,3-cd)pyrene	80		85		40-140	6		40
Pyrene	64		69		40-140	8		40
2-Methylnaphthalene	64		71		40-140	10		40
Pentachlorophenol	70		76		40-140	8		40
Hexachlorobenzene	67		73		40-140	9		40
Hexachloroethane	68		74		40-140	8		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412747

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1894956-2 WG1894956-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		76		21-120
Phenol-d6	59		69		10-120
Nitrobenzene-d5	80		88		23-120
2-Fluorobiphenyl	65		70		15-120
2,4,6-Tribromophenol	77		83		10-120
4-Terphenyl-d14	52		55		41-149

METALS

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412747-01
Client ID: TAP
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Water

Date Collected: 03/07/24 15:20
Date Received: 03/08/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.56		mg/l	0.500	0.164	50	03/14/24 03:52	03/15/24 09:23	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Barium, Total	0.00780		mg/l	0.00050	0.00017	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Calcium, Total	8.16		mg/l	0.100	0.0394	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00037	J	mg/l	0.00100	0.00017	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00152		mg/l	0.00050	0.00016	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Copper, Total	0.3576		mg/l	0.00100	0.00038	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Iron, Total	0.0848		mg/l	0.0500	0.0191	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Lead, Total	0.00464		mg/l	0.00100	0.00034	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Magnesium, Total	1.68		mg/l	0.0700	0.0242	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00789		mg/l	0.00100	0.00044	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/14/24 03:55	03/15/24 13:40	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00383		mg/l	0.00200	0.00055	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Potassium, Total	2.18		mg/l	0.100	0.0309	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Sodium, Total	30.5		mg/l	0.100	0.0293	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF
Zinc, Total	0.03472		mg/l	0.01000	0.00341	1	03/14/24 03:52	03/15/24 08:15	EPA 3005A	1,6020B	EJF

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1895957-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/14/24 03:52	03/14/24 08:32	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1895959-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/14/24 03:55	03/15/24 13:24	1,7470A	GMG

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412747
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412747

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1895957-2								
Aluminum, Total	101		-		80-120	-		
Antimony, Total	93		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	89		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	101		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	98		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	100		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	94		-		80-120	-		
Thallium, Total	98		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412747

Report Date: 03/15/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1895957-2					
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1895959-2					
Mercury, Total	82	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1895959-3 WG1895959-4 QC Sample: L2413431-06 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00456	91		0.00467	93		75-125	2		20

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412747
Report Date: 03/15/24

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(*)
L2412747-01A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2412747-01B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2412747-01C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2412747-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2412747-01E	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2412747-01F	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	OSSINING ISS	**Lab Number:**	L2412747
Project Number:	11498-0	**Report Date:**	03/15/24

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OSSINING ISS	**Lab Number:**	L2412747
Project Number:	11498-0	**Report Date:**	03/15/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OSSINING ISS	**Lab Number:**	L2412747
Project Number:	11498-0	**Report Date:**	03/15/24

Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2412747
Project Number:	11498-0	**Report Date:**	03/15/24

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
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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

Date Rec'd in Lab: 3/8/24

ALPHA Job #: L2413747

Client Information

Client: SESI Consulting Engineers
Address: 959 US-46 Floor 3, Suite 300
Parsippany-Troy Hills, 07054
Phone: 973-808-9050
Fax:
Email: ad@sesi.org

Project Information

Project Name: Ossining ISS
Project Location: Ossining, NY
Project #: 11498-0
(Use Project name as Project #): ☐
Project Manager: Amine Dahmani
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Regulatory Requirement

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

Billing Information

☑ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration

☐ one
☐ ab to do
Preservation
☐ ab to do
(Please Specify below)

Total Bottl

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL metals	Sample Specific Comments
L2413747-01	TAP	3/7/24	3:20 p.m.	water	AD	x	x	x	

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

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

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

Container Type	V	A	P					
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
Amine Dahmani	3/8/2024		3-8-24 11:50
	3-8-24 15:15		3-8-24 16:20
	3-8-24 18:20		3/8/24 1820

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)

Appendix B:

USC and Permeability Geotesting Express Reports

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	2/13/2024	Tested By:	jb
End Date:	2/15/2024	Checked By:	jsc
Boring #:	2/12		
Sample #:	M1-K14		
Depth:	---		
Visual Description:	Moist, brown soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	3.84	3.84
Diameter, in	2.07	2.07
Area, in^2	3.37	3.37
Volume, in^3	12.92	12.92
Mass, g	425.8	432.1
Bulk Density, pcf	125.3	127.1
Moisture Content, %	20.4	22.2
Dry Density, pcf	104.1	104.1
Degree of Saturation, %	89	97

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	89.97	Increased Cell Pressure, psi:	95.00	Cell Pressure Increment, psi:	5.03
Sample Pressure, psi:	85.05	Corresponding Sample Pressure, psi:	89.97	Sample Pressure Increment, psi:	4.92
				B Coefficient:	0.98

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/14	1	90.0	85.0	8.0	7.8	0.2	41.54	10.3	6.8E-07	19.5	1.013	6.9E-07
2/14	2	90.0	85.0	8.0	7.8	0.2	41.63	10.3	6.8E-07	19.5	1.013	6.9E-07
2/14	3	90.0	85.0	8.0	7.8	0.2	41.29	10.3	6.9E-07	19.5	1.013	7.0E-07
2/14	4	90.0	85.0	8.0	7.8	0.2	41.47	10.3	6.8E-07	19.5	1.013	6.9E-07

PERMEABILITY AT 20° C: 6.9 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	2/15/2024	Tested By:	jb
End Date:	2/19/2024	Checked By:	jsc
Boring #:	2/14		
Sample #:	M2-K14		
Depth:	---		
Visual Description:	Moist, brown soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084
Constant Volume

Sample Type:	intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	3.90	3.90
Diameter, in	2.02	2.02
Area, in^2	3.20	3.20
Volume, in^3	12.50	12.50
Mass, g	421.1	428.3
Bulk Density, pcf	128.1	130.3
Moisture Content, %	17.9	19.9
Dry Density, pcf	108.7	108.7
Degree of Saturation, %	88	97

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	89.95	Increased Cell Pressure, psi:	95.00	Cell Pressure Increment, psi:	5.05
Sample Pressure, psi:	85.00	Corresponding Sample Pressure, psi:	89.62	Sample Pressure Increment, psi:	4.62
				B Coefficient:	0.91

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/16	1	90.0	85.0	8.0	7.9	0.1	35.28	10.2	4.3E-07	19.5	1.013	4.3E-07
2/16	2	90.0	85.0	8.0	7.9	0.1	35.18	10.2	4.3E-07	19.5	1.013	4.3E-07
2/16	3	90.0	85.0	8.0	7.9	0.1	35.23	10.2	4.3E-07	19.5	1.013	4.3E-07
2/16	4	90.0	85.0	8.0	7.9	0.1	35.32	10.2	4.3E-07	19.5	1.013	4.3E-07

PERMEABILITY AT 20° C: 4.3 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	2/27/2024	Tested By:	jb
End Date:	2/29/2024	Checked By:	jsc
Boring #:	2/26		
Sample #:	M1-K28		
Depth:	---		
Visual Description:	Moist, grayish brown soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	1.85	1.85
Diameter, in	2.03	2.03
Area, in^2	3.24	3.24
Volume, in^3	5.99	5.99
Mass, g	202.3	206.5
Bulk Density, pcf	128.5	131.1
Moisture Content, %	17.5	19.9
Dry Density, pcf	109.3	109.3
Degree of Saturation, %	87	99

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.05	Increased Cell Pressure, psi:	95.05	Cell Pressure Increment, psi:	5.00
Sample Pressure, psi:	85.00	Corresponding Sample Pressure, psi:	88.31	Sample Pressure Increment, psi:	3.31
				B Coefficient:	0.66

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/28	1	90.0	85.0	8.0	7.9	0.1	30.64	21.5	2.3E-07	19.5	1.013	2.3E-07
2/28	2	90.0	85.0	8.0	7.9	0.1	30.69	21.5	2.3E-07	19.5	1.013	2.3E-07
2/28	3	90.0	85.0	8.0	7.9	0.1	30.47	21.5	2.3E-07	19.5	1.013	2.3E-07
2/28	4	90.0	85.0	8.0	7.9	0.1	30.73	21.5	2.3E-07	19.5	1.013	2.3E-07

PERMEABILITY AT 20° C: 2.3 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	2/29/2024	Tested By:	jb
End Date:	3/4/2024	Checked By:	jsc
Boring #:	2/28		
Sample #:	M2-K28		
Depth:	---		
Visual Description:	Moist, brown soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type: intact
Permeant Fluid: De-aired Distilled water
Orientation: Vertical
Cell #: ---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	3.91	3.91
Diameter, in	2.06	2.06
Area, in^2	3.33	3.33
Volume, in^3	13.03	13.03
Mass, g	424.4	433.1
Bulk Density, pcf	123.8	126.3
Moisture Content, %	20.7	23.2
Dry Density, pcf	102.5	102.5
Degree of Saturation, %	87	97

B COEFFICIENT DETERMINATION

Cell Pressure, psi: 90.01
Increased Cell Pressure, psi: 95.02
Cell Pressure Increment, psi: 5.01
Sample Pressure, psi: 85.05
Corresponding Sample Pressure, psi: 88.81
Sample Pressure Increment, psi: 3.76
B Coefficient: 0.75
*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/1	1	90.0	85.0	8.0	7.9	0.1	153	10.1	9.5E-08	19.5	1.013	9.6E-08
3/1	2	90.0	85.0	8.0	7.9	0.1	153.42	10.1	9.4E-08	19.5	1.013	9.6E-08
3/1	3	90.0	85.0	8.0	7.9	0.1	153.29	10.1	9.5E-08	19.5	1.013	9.6E-08
3/1	4	90.0	85.0	8.0	7.9	0.1	153.66	10.1	9.4E-08	19.5	1.013	9.5E-08

PERMEABILITY AT 20° C: 9.6 x 10^{-8} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	2/23/2024	Tested By:	jb
End Date:	2/27/2024	Checked By:	jsc
Boring #:	---		
Sample #:	M3-K14		
Depth:	---		
Visual Description:	Moist, very dark grayish briwn soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	3.10	3.10
Diameter, in	2.05	2.05
Area, in^2	3.30	3.30
Volume, in^3	10.23	10.23
Mass, g	339.3	345.2
Bulk Density, pcf	126.1	128.3
Moisture Content, %	20.6	22.6
Dry Density, pcf	104.6	104.6
Degree of Saturation, %	91	100

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	89.97	Increased Cell Pressure, psi:	94.98	Cell Pressure Increment, psi:	5.01
Sample Pressure, psi:	84.96	Corresponding Sample Pressure, psi:	89.31	Sample Pressure Increment, psi:	4.35
				B Coefficient:	0.87

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/26	1	90.0	85.0	8.0	7.9	0.1	79.49	12.8	1.5E-07	19.5	1.013	1.5E-07
2/26	2	90.0	85.0	8.0	7.9	0.1	79.65	12.8	1.5E-07	19.5	1.013	1.5E-07
2/26	3	90.0	85.0	8.0	7.9	0.1	79.53	12.8	1.5E-07	19.5	1.013	1.5E-07
2/26	4	90.0	85.0	8.0	7.9	0.1	79.28	12.8	1.5E-07	19.5	1.013	1.5E-07

PERMEABILITY AT 20° C: 1.5 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	2/28/2024	Tested By:	jb
End Date:	3/1/2024	Checked By:	jsc
Boring #:	---		
Sample #:	M4-K14		
Depth:	---		
Visual Description:	Moist, brown soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	2.09	2.09
Diameter, in	2.04	2.04
Area, in^2	3.27	3.27
Volume, in^3	6.83	6.83
Mass, g	230.9	234.3
Bulk Density, pcf	128.5	130.4
Moisture Content, %	18.7	20.4
Dry Density, pcf	108.3	108.3
Degree of Saturation, %	91	99

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.03	Increased Cell Pressure, psi:	95.04	Cell Pressure Increment, psi:	5.01
Sample Pressure, psi:	85.01	Corresponding Sample Pressure, psi:	88.04	Sample Pressure Increment, psi:	3.03
				B Coefficient:	0.60

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
2/29	1	90.0	85.0	8.0	7.9	0.1	35.21	19.0	2.2E-07	19.5	1.013	2.3E-07
2/29	2	90.0	85.0	8.0	7.9	0.1	35.14	19.0	2.2E-07	19.5	1.013	2.3E-07
2/29	3	90.0	85.0	8.0	7.9	0.1	35.19	19.0	2.2E-07	19.5	1.013	2.3E-07
2/29	4	90.0	85.0	8.0	7.9	0.1	35.27	19.0	2.2E-07	19.5	1.013	2.3E-07

PERMEABILITY AT 20° C: 2.3 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	3/8/2024	Tested By:	jb
End Date:	3/11/2024	Checked By:	jsc
Boring #:	---		
Sample #:	M3-K28		
Depth:	---		
Visual Description:	Moist, olive brown soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	4.00	4.00
Diameter, in	2.03	2.03
Area, in^2	3.24	3.24
Volume, in^3	12.95	12.95
Mass, g	440.7	446.9
Bulk Density, pcf	129.4	131.2
Moisture Content, %	17.5	19.1
Dry Density, pcf	110.2	110.2
Degree of Saturation, %	89	97

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	89.95	Increased Cell Pressure, psi:	94.96	Cell Pressure Increment, psi:	5.01
Sample Pressure, psi:	85.02	Corresponding Sample Pressure, psi:	88.55	Sample Pressure Increment, psi:	3.53
				B Coefficient:	0.70

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/9	1	90.0	85.0	8.0	7.9	0.1	30.55	9.9	5.0E-07	19.5	1.013	5.1E-07
3/9	2	90.0	85.0	8.0	7.9	0.1	30.48	9.9	5.0E-07	19.5	1.013	5.1E-07
3/9	3	90.0	85.0	8.0	7.9	0.1	30.61	9.9	5.0E-07	19.5	1.013	5.0E-07
3/9	4	90.0	85.0	8.0	7.9	0.1	30.59	9.9	5.0E-07	19.5	1.013	5.1E-07

PERMEABILITY AT 20° C: 5.1 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	3/13/2024	Tested By:	jb
End Date:	3/18/2024	Checked By:	jsc
Boring #:	---		
Sample #:	M4-K28		
Depth:	---		
Visual Description:	Moist, olive gray soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	3.97	3.97
Diameter, in	2.03	2.03
Area, in^2	3.24	3.24
Volume, in^3	12.85	12.85
Mass, g	438.5	446.2
Bulk Density, pcf	129.7	132.0
Moisture Content, %	16.5	18.6
Dry Density, pcf	111.4	111.4
Degree of Saturation, %	87	98

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.04	Increased Cell Pressure, psi:	95.05	Cell Pressure Increment, psi:	5.01
Sample Pressure, psi:	84.97	Corresponding Sample Pressure, psi:	88.68	Sample Pressure Increment, psi:	3.71
				B Coefficient:	0.74

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time, sec	Gradient	Permeability K, cm/sec	Temp, °C	R_t	Permeability K @ 20 °C, cm/sec
		Cell	Sample	Z_1	Z_2	Z_1-Z_2						
3/15	1	90.0	85.0	8.0	7.9	0.1	54.22	10.0	2.8E-07	19.5	1.013	2.8E-07
3/15	2	90.0	85.0	8.0	7.9	0.1	54.38	10.0	2.8E-07	19.5	1.013	2.8E-07
3/15	3	90.0	85.0	8.0	7.9	0.1	54.24	10.0	2.8E-07	19.5	1.013	2.8E-07
3/15	4	90.0	85.0	8.0	7.9	0.1	54.41	10.0	2.8E-07	19.5	1.013	2.8E-07

PERMEABILITY AT 20° C: 2.8 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	3/6/2024	Tested By:	jb
End Date:	3/8/2024	Checked By:	jsc
Boring #:	3/06		
Sample #:	M5-K14		
Depth:	---		
Visual Description:	Moist, brown soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type:	intact	Permeant Fluid:	De-aired Distilled water
Orientation:	Vertical	Cell #:	---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	4.01	4.01
Diameter, in	2.06	2.06
Area, in^2	3.33	3.33
Volume, in^3	13.36	13.36
Mass, g	433.9	441.2
Bulk Density, pcf	123.4	125.5
Moisture Content, %	21.9	23.9
Dry Density, pcf	101.3	101.3
Degree of Saturation, %	89	97

B COEFFICIENT DETERMINATION

Cell Pressure, psi:	90.01	Increased Cell Pressure, psi:	95.04	Cell Pressure Increment, psi:	5.03
Sample Pressure, psi:	84.98	Corresponding Sample Pressure, psi:	88.85	Sample Pressure Increment, psi:	3.87
				B Coefficient:	0.77

*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/7	1	90.0	85.0	8.0	7.9	0.1	152.18	9.9	9.8E-08	19.5	1.013	9.9E-08
3/7	2	90.0	85.0	8.0	7.9	0.1	152.26	9.9	9.8E-08	19.5	1.013	9.9E-08
3/7	3	90.0	85.0	8.0	7.9	0.1	151.88	9.9	9.8E-08	19.5	1.013	9.9E-08
3/7	4	90.0	85.0	8.0	7.9	0.1	152.07	9.9	9.8E-08	19.5	1.013	9.9E-08

PERMEABILITY AT 20° C: 9.9 x 10^{-8} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers		
Project Name:	ISS Study (Coal Tar)		
Project Location:	---		
GTX #:	318465		
Start Date:	3/20/2024	Tested By:	jb
End Date:	3/22/2024	Checked By:	jsc
Boring #:	3/20		
Sample #:	M5-K28		
Depth:	---		
Visual Description:	Moist, brown soil cement		

Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter by ASTM D5084

Constant Volume

Sample Type: intact
Permeant Fluid: De-aired Distilled water
Orientation: Vertical
Cell #: ---

Sample Preparation: Extruded from cylinder mold and placed into permeameter at as-received density and moisture content.

Assumed Specific Gravity: 2.70

Parameter	Initial	Final
Height, in	4.01	4.01
Diameter, in	2.04	2.04
Area, in^2	3.27	3.27
Volume, in^3	13.11	13.11
Mass, g	441.8	450.1
Bulk Density, pcf	128.2	130.6
Moisture Content, %	17.9	20.1
Dry Density, pcf	108.7	108.7
Degree of Saturation, %	88	99

B COEFFICIENT DETERMINATION

Cell Pressure, psi: 90.05
Increased Cell Pressure, psi: 95.05
Cell Pressure Increment, psi: 5.00
Sample Pressure, psi: 85.01
Corresponding Sample Pressure, psi: 87.88
Sample Pressure Increment, psi: 2.87
B Coefficient: 0.57
*B value did not increase with increase in pressure. Final degree of saturation >95%.

FLOW DATA

Date	Trial #	Pressure, psi		Manometer Readings			Elapsed Time,	Gradient	Permeability K,	Temp,		Permeability K @ 20 °C,
		Cell	Sample	Z_1	Z_2	Z_1-Z_2	sec		cm/sec	°C	R_t	cm/sec
3/21	1	90.0	85.0	8.0	7.9	0.1	151.56	9.9	1.0E-07	19.5	1.013	1.0E-07
3/21	2	90.0	85.0	8.0	7.9	0.1	151.37	9.9	1.0E-07	19.5	1.013	1.0E-07
3/21	3	90.0	85.0	8.0	7.9	0.1	151.4	9.9	1.0E-07	19.5	1.013	1.0E-07
3/21	4	90.0	85.0	8.0	7.9	0.1	151.19	9.9	1.0E-07	19.5	1.013	1.0E-07

PERMEABILITY AT 20° C: 1.0 x 10^{-7} cm/sec (@ 5 psi effective stress)

Client:	SESI Consulting Engineers
Project Name:	ISS Study (Coal Tar)
Project Location:	---
GTX #:	318465
Report Date :	03/20/24

ASTM D1633 - Compressive Strength of Molded Soil-Cement

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
M1-7	7	3.94	2.02	3.20	432.5	130.5	19.3	190	60
M1-14	14	3.93	2.00	3.14	437.7	135.1	18.0	310	100
M1-28	28	3.95	2.05	3.30	433.2	126.6	19.2	510	155
M2-7	7	3.97	2.02	3.20	441.2	132.1	19.4	480	150
M2-14	14	4.03	2.02	3.20	441.8	130.3	19.8	550	170
M2-28	28	4.01	2.00	3.14	437.9	132.4	19.8	680	215
M3-7	7	3.98	2.01	3.17	439.0	132.4	20.1	180	55
M3-14	14	3.99	2.05	3.30	432.1	125.0	33.9	260	80
M3-28	28	4.02	2.02	3.20	435.3	128.7	10.2	400	125
M4-7	7	4.03	2.05	3.30	452.4	129.6	18.6	210	65
M4-14	14	4	1.99	3.11	441.1	135.1	19.1	370	120
M4-28	28	4.01	2.02	3.20	441.1	130.8	18.9	410	130

Client:	SESI Consulting Engineers
Project Name:	ISS Study (Coal Tar)
Project Location:	---
GTX #:	318465
Report Date :	03/20/24

ASTM D1633 - Compressive Strength of Molded Soil-Cement

Sample ID	Curing Age, days	Height, in	Diameter, in	Area, in2	Mass, grams	Bulk Density, pcf	Moisture Content at Break, %	Maximum Load, lbs	Compressive Strength, psi
M5-7	7	4.02	2.00	3.14	438.4	132.2	20.8	430	135
M5-14	14	3.99	2.00	3.14	444.0	134.9	19.3	710	225
M5-28	28	4.03	2.03	3.24	434.3	126.8	19.9	680	210

Notes: Specimens were not soaked in water for 4 hours prior to testing
Maximum Load reported to the nearest 10 lbs
Compressive strength reported to the nearest 5 psi

Appendix C:

Leachability Analytical Data Reports

ANALYTICAL REPORT

Lab Number:	L2412661
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	OSSINING ISS
Project Number:	11498-0
Report Date:	03/15/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2412661-01	M1-SPLP	SOIL	OSSINING, NY	03/06/24 14:40	03/07/24
L2412661-02	M2-SPLP	SOIL	OSSINING, NY	03/06/24 14:40	03/07/24

Project Name:	OSSINING ISS	**Lab Number:**	L2412661
Project Number:	11498-0	**Report Date:**	03/15/24

Case Narrative

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

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

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

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

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2412661
Project Number:	11498-0	**Report Date:**	03/15/24

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

The samples were received at the laboratory above the required temperature range and were not on ice.
L2412661-01 and -02: The sample was received in an inappropriate container for the SPLP Volatiles and SPLP Semivolatiles analyses.

SPLP Metals

The WG1895827-3 MS recoveries, performed on L2412661-01, are outside the acceptance criteria for aluminum (144%) and potassium (148%). A post digestion spike was performed and was within acceptance criteria.
The WG1895827-3 MS recovery for calcium (610%), performed on L2412661-01, does not apply because the sample concentration is greater than four times the spike amount added.
The WG1895827-4 Laboratory Duplicate RPD for copper (22%), performed on L2412661-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

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

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 03/15/24

ORGANICS

VOLATILES

Project Name: OSSINING ISS **Lab Number:** L2412661

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-01 D
Client ID: M1-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/13/24 06:18
Analyst: MCM

TCLP/SPLP Ext. Date: 03/08/24 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
Methylene chloride	ND		ug/l	60	14.	20
1,1-Dichloroethane	ND		ug/l	15	4.2	20
Chloroform	ND		ug/l	15	4.4	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	35	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	15	2.9	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	10	3.6	20
Trichlorofluoromethane	ND		ug/l	50	3.2	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	10	3.2	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	4.8	20
Bromoform	ND		ug/l	40	5.0	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	15	4.1	20
Ethylbenzene	ND		ug/l	10	3.3	20
Chloromethane	ND		ug/l	50	4.0	20
Bromomethane	ND		ug/l	20	5.1	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	20	2.7	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	15	3.3	20
Trichloroethene	ND		ug/l	10	3.5	20

Project Name: OSSINING ISS **Lab Number:** L2412661

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-01 D Date Collected: 03/06/24 14:40

Client ID: M1-SPLP Date Received: 03/07/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	50	3.7	20
1,3-Dichlorobenzene	ND		ug/l	50	3.7	20
1,4-Dichlorobenzene	ND		ug/l	50	3.7	20
Methyl tert butyl ether	ND		ug/l	20	3.3	20
p/m-Xylene	ND		ug/l	20	6.6	20
o-Xylene	ND		ug/l	20	7.8	20
cis-1,2-Dichloroethene	ND		ug/l	10	3.7	20
Dibromomethane	ND		ug/l	100	7.3	20
1,4-Dichlorobutane	ND		ug/l	100	9.3	20
1,2,3-Trichloropropane	ND		ug/l	100	3.5	20
Styrene	ND		ug/l	20	7.2	20
Dichlorodifluoromethane	ND		ug/l	100	4.9	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	6.0	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	6.2	20
4-Methyl-2-pentanone	ND		ug/l	100	8.3	20
2-Hexanone	ND		ug/l	100	10.	20
Ethyl methacrylate	ND		ug/l	100	12.	20
Acrylonitrile	ND		ug/l	100	8.6	20
Bromochloromethane	ND		ug/l	50	3.0	20
2,2-Dichloropropane	ND		ug/l	50	4.1	20
1,2-Dibromoethane	ND		ug/l	40	3.9	20
1,3-Dichloropropane	ND		ug/l	50	4.2	20
1,1,1,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Bromobenzene	ND		ug/l	50	3.0	20
n-Butylbenzene	ND		ug/l	10	3.8	20
sec-Butylbenzene	ND		ug/l	10	3.6	20
tert-Butylbenzene	ND		ug/l	50	3.9	20
o-Chlorotoluene	ND		ug/l	50	4.3	20
p-Chlorotoluene	ND		ug/l	50	3.7	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	7.1	20
Hexachlorobutadiene	ND		ug/l	10	4.3	20
Isopropylbenzene	ND		ug/l	10	3.7	20
p-Isopropyltoluene	ND		ug/l	10	3.8	20
Naphthalene	1900		ug/l	50	4.3	20
n-Propylbenzene	ND		ug/l	10	3.5	20

Project Name: OSSINING ISS **Lab Number:** L2412661

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-01 D
Client ID: M1-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	50	4.7	20
1,2,4-Trichlorobenzene	ND		ug/l	50	4.4	20
1,3,5-Trimethylbenzene	ND		ug/l	50	4.3	20
1,2,4-Trimethylbenzene	11	J	ug/l	50	3.8	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	4.3	20
Ethyl ether	ND		ug/l	50	3.3	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	ND		ug/l	40	7.8	20
p-Ethyltoluene	7.4	J	ug/l	40	6.8	20
1,2,4,5-Tetramethylbenzene	ND		ug/l	40	11.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	113		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-02 D
Client ID: M2-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/13/24 06:40
Analyst: MCM

TCLP/SPLP Ext. Date: 03/08/24 00:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
Methylene chloride	ND		ug/l	30	6.8	10
1,1-Dichloroethane	ND		ug/l	7.5	2.1	10
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	18	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	7.5	1.4	10
Tetrachloroethene	2.0	J	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
Trichlorofluoromethane	ND		ug/l	25	1.6	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	5.0	1.6	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	2.4	10
Bromoform	ND		ug/l	20	2.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	7.5	2.0	10
Ethylbenzene	ND		ug/l	5.0	1.7	10
Chloromethane	ND		ug/l	25	2.0	10
Bromomethane	ND		ug/l	10	2.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
Chloroethane	ND		ug/l	10	1.3	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	7.5	1.6	10
Trichloroethene	ND		ug/l	5.0	1.8	10

Project Name: OSSINING ISS **Lab Number:** L2412661

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-02 D Date Collected: 03/06/24 14:40

Client ID: M2-SPLP Date Received: 03/07/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	25	1.8	10
1,3-Dichlorobenzene	ND		ug/l	25	1.9	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
Methyl tert butyl ether	ND		ug/l	10	1.7	10
p/m-Xylene	ND		ug/l	10	3.3	10
o-Xylene	ND		ug/l	10	3.9	10
cis-1,2-Dichloroethene	ND		ug/l	5.0	1.9	10
Dibromomethane	ND		ug/l	50	3.6	10
1,4-Dichlorobutane	ND		ug/l	50	4.6	10
1,2,3-Trichloropropane	ND		ug/l	50	1.8	10
Styrene	ND		ug/l	10	3.6	10
Dichlorodifluoromethane	ND		ug/l	50	2.4	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	3.0	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	3.1	10
4-Methyl-2-pentanone	ND		ug/l	50	4.2	10
2-Hexanone	ND		ug/l	50	5.2	10
Ethyl methacrylate	ND		ug/l	50	6.1	10
Acrylonitrile	ND		ug/l	50	4.3	10
Bromochloromethane	ND		ug/l	25	1.5	10
2,2-Dichloropropane	ND		ug/l	25	2.0	10
1,2-Dibromoethane	ND		ug/l	20	1.9	10
1,3-Dichloropropane	ND		ug/l	25	2.1	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.6	10
Bromobenzene	ND		ug/l	25	1.5	10
n-Butylbenzene	ND		ug/l	5.0	1.9	10
sec-Butylbenzene	ND		ug/l	5.0	1.8	10
tert-Butylbenzene	ND		ug/l	25	2.0	10
o-Chlorotoluene	ND		ug/l	25	2.2	10
p-Chlorotoluene	ND		ug/l	25	1.8	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	3.5	10
Hexachlorobutadiene	ND		ug/l	5.0	2.2	10
Isopropylbenzene	ND		ug/l	5.0	1.9	10
p-Isopropyltoluene	ND		ug/l	5.0	1.9	10
Naphthalene	1600		ug/l	25	2.2	10
n-Propylbenzene	ND		ug/l	5.0	1.7	10

Project Name: OSSINING ISS **Lab Number:** L2412661

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-02 D
Client ID: M2-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	25	2.3	10
1,2,4-Trichlorobenzene	ND		ug/l	25	2.2	10
1,3,5-Trimethylbenzene	2.6	J	ug/l	25	2.2	10
1,2,4-Trimethylbenzene	8.6	J	ug/l	25	1.9	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	2.1	10
Ethyl ether	ND		ug/l	25	1.6	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	3.9	10
p-Ethyltoluene	5.4	J	ug/l	20	3.4	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	110		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/13/24 05:32
Analyst: MCM
TCLP/SPLP Extraction Date: 03/08/24 00:00

Extraction Date: 03/08/24 00:00

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1895592-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.8	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.24
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.5	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/13/24 05:32
Analyst: MCM
TCLP/SPLP Extraction Date: 03/08/24 00:00
Extraction Date: 03/08/24 00:00

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1895592-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	5.0	0.36
1,4-Dichlorobutane	ND		ug/l	5.0	0.46
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Ethyl methacrylate	ND		ug/l	5.0	0.61
Acrylonitrile	ND		ug/l	5.0	0.43
Bromochloromethane	ND		ug/l	2.5	0.15
2,2-Dichloropropane	ND		ug/l	2.5	0.20
1,2-Dibromoethane	ND		ug/l	2.0	0.19
1,3-Dichloropropane	ND		ug/l	2.5	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	2.5	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	2.5	0.20
o-Chlorotoluene	ND		ug/l	2.5	0.22

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/13/24 05:32
Analyst: MCM
TCLP/SPLP Extraction Date: 03/08/24 00:00
Extraction Date: 03/08/24 00:00

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1895592-5					
p-Chlorotoluene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	0.39	J	ug/l	2.5	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21
Ethyl ether	ND		ug/l	2.5	0.16
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.39
p-Ethyltoluene	ND		ug/l	2.0	0.34
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	112		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1895592-3 WG1895592-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	97		110		70-130	13		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	95		110		63-132	15		20
1,2-Dichloropropane	90		98		70-130	9		20
Dibromochloromethane	85		91		63-130	7		20
1,1,2-Trichloroethane	87		92		70-130	6		20
Tetrachloroethene	95		100		70-130	5		20
Chlorobenzene	96		100		75-130	4		25
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	98		100		70-130	2		20
1,1,1-Trichloroethane	98		110		67-130	12		20
Bromodichloromethane	91		97		67-130	6		20
trans-1,3-Dichloropropene	81		86		70-130	6		20
cis-1,3-Dichloropropene	84		91		70-130	8		20
1,1-Dichloropropene	95		100		70-130	5		20
Bromoform	75		81		54-136	8		20
1,1,2,2-Tetrachloroethane	86		90		67-130	5		20
Benzene	96		100		70-130	4		25
Toluene	93		100		70-130	7		25
Ethylbenzene	94		100		70-130	6		20
Chloromethane	94		100		64-130	6		20
Bromomethane	95		100		39-139	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1895592-3 WG1895592-4								
Vinyl chloride	93		100		55-140	7		20
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	100		110		61-145	10		25
trans-1,2-Dichloroethene	99		110		70-130	11		20
Trichloroethene	94		100		70-130	6		25
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	96		100		70-130	4		20
1,4-Dichlorobenzene	96		100		70-130	4		20
Methyl tert butyl ether	88		93		63-130	6		20
p/m-Xylene	95		105		70-130	10		20
o-Xylene	95		105		70-130	10		20
cis-1,2-Dichloroethene	94		110		70-130	16		20
Dibromomethane	97		100		70-130	3		20
1,4-Dichlorobutane	81		84		70-130	4		20
1,2,3-Trichloropropane	89		92		64-130	3		20
Styrene	95		105		70-130	10		20
Dichlorodifluoromethane	100		110		36-147	10		20
Acetone	100		110		58-148	10		20
Carbon disulfide	96		100		51-130	4		20
2-Butanone	89		86		63-138	3		20
Vinyl acetate	82		84		70-130	2		20
4-Methyl-2-pentanone	70		72		59-130	3		20
2-Hexanone	74		77		57-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1895592-3 WG1895592-4								
Ethyl methacrylate	74		78		70-130	5		20
Acrylonitrile	91		93		70-130	2		20
Bromochloromethane	99		110		70-130	11		20
2,2-Dichloropropane	93		100		63-133	7		20
1,2-Dibromoethane	88		92		70-130	4		20
1,3-Dichloropropane	91		95		70-130	4		20
1,1,1,2-Tetrachloroethane	87		96		64-130	10		20
Bromobenzene	93		98		70-130	5		20
n-Butylbenzene	94		100		53-136	6		20
sec-Butylbenzene	95		100		70-130	5		20
tert-Butylbenzene	91		100		70-130	9		20
o-Chlorotoluene	94		100		70-130	6		20
p-Chlorotoluene	94		100		70-130	6		20
1,2-Dibromo-3-chloropropane	78		80		41-144	3		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	90		98		70-130	9		20
p-Isopropyltoluene	91		99		70-130	8		20
Naphthalene	81		84		70-130	4		20
n-Propylbenzene	93		100		69-130	7		20
1,2,3-Trichlorobenzene	92		96		70-130	4		20
1,2,4-Trichlorobenzene	88		94		70-130	7		20
1,3,5-Trimethylbenzene	90		96		64-130	6		20
1,2,4-Trimethylbenzene	90		97		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412661

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1895592-3 WG1895592-4								
trans-1,4-Dichloro-2-butene	75		76		70-130	1		20
Ethyl ether	93		100		59-134	7		20
1,4-Dioxane	116		112		56-162	4		20
p-Diethylbenzene	88		95		70-130	8		20
p-Ethyltoluene	92		99		70-130	7		20
1,2,4,5-Tetramethylbenzene	86		93		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		103		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	92		92		70-130
Dibromofluoromethane	105		105		70-130

SEMIVOLATILES

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-01
Client ID: M1-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/14/24 14:38
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 03/14/24 00:45

TCLP/SPLP Ext. Date: 03/11/24 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Acenaphthene	140		ug/l	2.0	1.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Hexachlorobenzene	ND		ug/l	2.0	0.69	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
2-Chloronaphthalene	ND		ug/l	2.0	0.54	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Fluoranthene	5.8		ug/l	2.0	0.65	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorobutadiene	ND		ug/l	2.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Hexachloroethane	ND		ug/l	2.0	0.44	1
Isophorone	ND		ug/l	5.0	0.66	1
Naphthalene	1200	E	ug/l	2.0	0.67	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1

Project Name: OSSINING ISS **Lab Number:** L2412661

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-01 Date Collected: 03/06/24 14:40

Client ID: M1-SPLP Date Received: 03/07/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Benzo(a)anthracene	ND		ug/l	2.0	0.77	1
Benzo(a)pyrene	ND		ug/l	2.0	0.45	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82	1
Chrysene	ND		ug/l	2.0	0.83	1
Acenaphthylene	130		ug/l	2.0	0.59	1
Anthracene	21.		ug/l	2.0	0.79	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.77	1
Fluorene	91.		ug/l	2.0	1.0	1
Phenanthrene	100		ug/l	2.0	0.99	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94	1
Pyrene	6.1		ug/l	2.0	0.70	1
Biphenyl	48.		ug/l	2.0	0.64	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	18.		ug/l	2.0	0.82	1
2-Methylnaphthalene	550	E	ug/l	2.0	0.68	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.62	1
Acetophenone	3.3	J	ug/l	5.0	0.98	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Pentachlorophenol	ND		ug/l	10	2.0	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-01
Client ID: M1-SPLP
Sample Location: OSSINING, NY
Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	19.		ug/l	2.0	0.76	1
Tentatively Identified Compounds						
Total TIC Compounds	412	J	ug/l			1
Unknown	16.7	J	ug/l			1
Unknown Naphthalene	80.5	J	ug/l			1
Unknown Naphthalene	36.3	J	ug/l			1
Unknown	13.7	J	ug/l			1
Unknown Benzene	36.2	J	ug/l			1
Unknown Naphthalene	22.3	J	ug/l			1
Unknown Naphthalene	52.5	J	ug/l			1
Indane	41.0	NJ	ug/l			1
Unknown	20.7	J	ug/l			1
Unknown Naphthalene	44.5	J	ug/l			1
Unknown	13.8	J	ug/l			1
Unknown Naphthalene	33.4	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	70		41-149

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-01 D
Client ID: M1-SPLP
Sample Location: OSSINING, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/14/24 17:17
Analyst: MRG

TCLP/SPLP Ext. Date: 03/11/24 03:43

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/14/24 00:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Naphthalene	1400		ug/l	100	33.	50
2-Methylnaphthalene	460		ug/l	100	34.	50

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-02
Client ID: M2-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/14/24 15:02
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 03/14/24 00:45

TCLP/SPLP Ext. Date: 03/11/24 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Acenaphthene	86.		ug/l	2.0	1.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Hexachlorobenzene	ND		ug/l	2.0	0.69	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
2-Chloronaphthalene	ND		ug/l	2.0	0.54	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Fluoranthene	2.6		ug/l	2.0	0.65	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorobutadiene	ND		ug/l	2.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Hexachloroethane	ND		ug/l	2.0	0.44	1
Isophorone	ND		ug/l	5.0	0.66	1
Naphthalene	1000	E	ug/l	2.0	0.67	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1

Project Name: OSSINING ISS **Lab Number:** L2412661

Project Number: 11498-0 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-02 Date Collected: 03/06/24 14:40

Client ID: M2-SPLP Date Received: 03/07/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Benzo(a)anthracene	ND		ug/l	2.0	0.77	1
Benzo(a)pyrene	ND		ug/l	2.0	0.45	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82	1
Chrysene	ND		ug/l	2.0	0.83	1
Acenaphthylene	91.		ug/l	2.0	0.59	1
Anthracene	10.		ug/l	2.0	0.79	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.77	1
Fluorene	53.		ug/l	2.0	1.0	1
Phenanthrene	51.		ug/l	2.0	0.99	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94	1
Pyrene	2.6		ug/l	2.0	0.70	1
Biphenyl	31.		ug/l	2.0	0.64	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	11.		ug/l	2.0	0.82	1
2-Methylnaphthalene	360	E	ug/l	2.0	0.68	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.62	1
Acetophenone	2.8	J	ug/l	5.0	0.98	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Pentachlorophenol	ND		ug/l	10	2.0	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-02
Client ID: M2-SPLP
Sample Location: OSSINING, NY
Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	18.		ug/l	2.0	0.76	1
Tentatively Identified Compounds						
Total TIC Compounds	254	J	ug/l			1
Unknown Naphthalene	29.6	J	ug/l			1
Unknown	17.4	J	ug/l			1
Indane	41.3	NJ	ug/l			1
Unknown Naphthalene	27.9	J	ug/l			1
Unknown	35.8	J	ug/l			1
Unknown Naphthalene	14.0	J	ug/l			1
Unknown Naphthalene	21.8	J	ug/l			1
Unknown	19.0	J	ug/l			1
Unknown Naphthalene	47.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	63		41-149

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-02 D
Client ID: M2-SPLP
Sample Location: OSSINING, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/14/24 17:41
Analyst: MRG

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/14/24 00:45

TCLP/SPLP Ext. Date: 03/11/24 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Naphthalene	1000		ug/l	100	33.	50
2-Methylnaphthalene	300		ug/l	100	34.	50

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/14/24 13:05
Analyst: MRG
TCLP/SPLP Extraction Date: 03/11/24 03:43

Extraction Method: EPA 3510C
Extraction Date: 03/14/24 00:45

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1895987-1					
Acenaphthene	ND		ug/l	2.0	1.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3
Dimethyl phthalate	ND		ug/l	5.0	4.4

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/14/24 13:05
Analyst: MRG
TCLP/SPLP Extraction Date: 03/11/24 03:43

Extraction Method: EPA 3510C
Extraction Date: 03/14/24 00:45

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1895987-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
4-Chloroaniline	ND		ug/l	5.0	0.65
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.62
Acetophenone	ND		ug/l	5.0	0.98
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46
4-Nitrophenol	ND		ug/l	10	1.1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/14/24 13:05
Analyst: MRG
TCLP/SPLP Extraction Date: 03/11/24 03:43

Extraction Method: EPA 3510C
Extraction Date: 03/14/24 00:45

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1895987-1					
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76

Tentatively Identified Compounds			
Total TIC Compounds	41.3	J	ug/l
Unknown	5.70	J	ug/l
Unknown	15.0	J	ug/l
Unknown	20.6	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1895987-2 WG1895987-3								
Acenaphthene	75		77		37-111	3		30
1,2,4-Trichlorobenzene	67		69		39-98	3		30
Hexachlorobenzene	65		67		40-140	3		30
Bis(2-chloroethyl)ether	74		80		40-140	8		30
2-Chloronaphthalene	70		73		40-140	4		30
1,2-Dichlorobenzene	66		69		40-140	4		30
1,3-Dichlorobenzene	64		68		40-140	6		30
1,4-Dichlorobenzene	65		68		36-97	5		30
3,3'-Dichlorobenzidine	64		52		40-140	21		30
2,4-Dinitrotoluene	85		89		48-143	5		30
2,6-Dinitrotoluene	85		87		40-140	2		30
Fluoranthene	72		77		40-140	7		30
4-Chlorophenyl phenyl ether	69		72		40-140	4		30
4-Bromophenyl phenyl ether	71		73		40-140	3		30
Bis(2-chloroisopropyl)ether	94		108		40-140	14		30
Bis(2-chloroethoxy)methane	81		86		40-140	6		30
Hexachlorobutadiene	67		72		40-140	7		30
Hexachlorocyclopentadiene	65		72		40-140	10		30
Hexachloroethane	73		76		40-140	4		30
Isophorone	79		84		40-140	6		30
Naphthalene	73		75		40-140	3		30
Nitrobenzene	82		88		40-140	7		30
NDPA/DPA	74		76		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1895987-2 WG1895987-3								
Bis(2-ethylhexyl)phthalate	98		104		40-140	6		30
Butyl benzyl phthalate	90		95		40-140	5		30
Di-n-butylphthalate	79		84		40-140	6		30
Di-n-octylphthalate	102		109		40-140	7		30
Diethyl phthalate	75		77		40-140	3		30
Dimethyl phthalate	73		74		40-140	1		30
Benzo(a)anthracene	78		83		40-140	6		30
Benzo(a)pyrene	79		85		40-140	7		30
Benzo(b)fluoranthene	80		87		40-140	8		30
Benzo(k)fluoranthene	78		82		40-140	5		30
Chrysene	78		82		40-140	5		30
Acenaphthylene	69		72		45-123	4		30
Anthracene	75		79		40-140	5		30
Benzo(ghi)perylene	74		79		40-140	7		30
Fluorene	75		77		40-140	3		30
Phenanthrene	76		81		40-140	6		30
Dibenzo(a,h)anthracene	74		78		40-140	5		30
Indeno(1,2,3-cd)pyrene	76		81		40-140	6		30
Pyrene	73		78		26-127	7		30
Biphenyl	74		76		40-140	3		30
4-Chloroaniline	71		83		40-140	16		30
2-Nitroaniline	89		91		52-143	2		30
3-Nitroaniline	66		66		25-145	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1895987-2 WG1895987-3								
4-Nitroaniline	72		75		51-143	4		30
Dibenzofuran	72		73		40-140	1		30
2-Methylnaphthalene	77		79		40-140	3		30
1,2,4,5-Tetrachlorobenzene	69		73		2-134	6		30
Acetophenone	78		83		39-129	6		30
2,4,6-Trichlorophenol	73		80		30-130	9		30
p-Chloro-m-cresol	78		87		23-97	11		30
2-Chlorophenol	64		77		27-123	18		30
2,4-Dichlorophenol	72		79		30-130	9		30
2,4-Dimethylphenol	87		95		30-130	9		30
2-Nitrophenol	86		92		30-130	7		30
4-Nitrophenol	48		76		10-80	**45**	Q	30
2,4-Dinitrophenol	84		93		20-130	10		30
4,6-Dinitro-o-cresol	88		90		20-164	2		30
Pentachlorophenol	61		69		9-103	12		30
Phenol	28		48		12-110	**53**	Q	30
2-Methylphenol	60		78		30-130	26		30
3-Methylphenol/4-Methylphenol	60		80		30-130	29		30
2,4,5-Trichlorophenol	75		80		30-130	6		30
Benzoic Acid	41		40		10-164	2		30
Benzyl Alcohol	61		68		26-116	11		30
Carbazole	77		81		55-144	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412661

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1895987-2 WG1895987-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	40		63		21-120
Phenol-d6	29		51		10-120
Nitrobenzene-d5	83		86		23-120
2-Fluorobiphenyl	73		74		15-120
2,4,6-Tribromophenol	62		67		10-120
4-Terphenyl-d14	65		70		41-149

METALS

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-01
Client ID: M1-SPLP
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 03/11/24 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab											
Aluminum, SPLP	1.80		mg/l	0.100	0.0318	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Antimony, SPLP	ND		mg/l	0.0500	0.0071	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Arsenic, SPLP	ND		mg/l	0.0050	0.0019	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Barium, SPLP	0.270		mg/l	0.0500	0.0021	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Beryllium, SPLP	ND		mg/l	0.0050	0.0009	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Cadmium, SPLP	ND		mg/l	0.0050	0.0010	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Calcium, SPLP	204.		mg/l	0.400	0.0350	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Chromium, SPLP	0.0031	J	mg/l	0.0100	0.0021	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Cobalt, SPLP	ND		mg/l	0.0100	0.0017	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Copper, SPLP	0.0106		mg/l	0.0100	0.0022	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Iron, SPLP	0.0212	J	mg/l	0.0500	0.0090	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Lead, SPLP	ND		mg/l	0.0100	0.0027	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Magnesium, SPLP	0.0179	J	mg/l	0.100	0.0153	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Manganese, SPLP	ND		mg/l	0.0100	0.0016	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Mercury, SPLP	ND		mg/l	0.00020	0.00009	1	03/14/24 07:34	03/14/24 12:44	EPA 7470A	1,7470A	GMG
Nickel, SPLP	0.0041	J	mg/l	0.0250	0.0024	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Potassium, SPLP	8.43		mg/l	2.50	0.237	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Selenium, SPLP	ND		mg/l	0.0100	0.0035	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Silver, SPLP	ND		mg/l	0.0070	0.0028	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Sodium, SPLP	8.33		mg/l	3.00	0.120	1	03/14/24 15:25	03/14/24 17:18	EPA 3005A	1,6010D	DMC
Thallium, SPLP	ND		mg/l	0.0200	0.0025	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Vanadium, SPLP	ND		mg/l	0.0100	0.0020	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF
Zinc, SPLP	0.0074	J	mg/l	0.0500	0.0021	1	03/14/24 08:06	03/14/24 11:39	EPA 3005A	1,6010D	JMF

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412661-02
Client ID: M2-SPLP
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 14:40
Date Received: 03/07/24
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 03/11/24 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab											
Aluminum, SPLP	2.22		mg/l	0.100	0.0318	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Antimony, SPLP	ND		mg/l	0.0500	0.0071	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Arsenic, SPLP	0.0025	J	mg/l	0.0050	0.0019	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Barium, SPLP	0.166		mg/l	0.0500	0.0021	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Beryllium, SPLP	ND		mg/l	0.0050	0.0009	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Cadmium, SPLP	ND		mg/l	0.0050	0.0010	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Calcium, SPLP	199.		mg/l	0.400	0.0350	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Chromium, SPLP	0.0052	J	mg/l	0.0100	0.0021	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Cobalt, SPLP	ND		mg/l	0.0100	0.0017	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Copper, SPLP	0.0082	J	mg/l	0.0100	0.0022	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Iron, SPLP	0.0185	J	mg/l	0.0500	0.0090	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Lead, SPLP	ND		mg/l	0.0100	0.0027	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Magnesium, SPLP	0.0200	J	mg/l	0.100	0.0153	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Manganese, SPLP	ND		mg/l	0.0100	0.0016	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Mercury, SPLP	ND		mg/l	0.00020	0.00009	1	03/14/24 07:34	03/14/24 12:53	EPA 7470A	1,7470A	GMG
Nickel, SPLP	0.0037	J	mg/l	0.0250	0.0024	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Potassium, SPLP	9.44		mg/l	2.50	0.237	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Selenium, SPLP	0.0041	J	mg/l	0.0100	0.0035	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Silver, SPLP	ND		mg/l	0.0070	0.0028	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Sodium, SPLP	10.8		mg/l	3.00	0.120	1	03/14/24 15:25	03/14/24 17:24	EPA 3005A	1,6010D	DMC
Thallium, SPLP	0.0032	J	mg/l	0.0200	0.0025	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Vanadium, SPLP	ND		mg/l	0.0100	0.0020	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF
Zinc, SPLP	0.0057	J	mg/l	0.0500	0.0021	1	03/14/24 08:06	03/14/24 11:32	EPA 3005A	1,6010D	JMF

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab for sample(s): 01-02 Batch: WG1895827-1										
Aluminum, SPLP	ND		mg/l	0.100	0.0318	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Antimony, SPLP	ND		mg/l	0.0500	0.0071	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Arsenic, SPLP	ND		mg/l	0.0050	0.0019	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Barium, SPLP	0.0472	J	mg/l	0.0500	0.0021	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Beryllium, SPLP	ND		mg/l	0.0050	0.0009	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Cadmium, SPLP	ND		mg/l	0.0050	0.0010	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Calcium, SPLP	0.346	J	mg/l	0.400	0.0350	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Chromium, SPLP	ND		mg/l	0.0100	0.0021	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Cobalt, SPLP	ND		mg/l	0.0100	0.0017	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Copper, SPLP	0.0033	J	mg/l	0.0100	0.0022	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Iron, SPLP	0.0143	J	mg/l	0.0500	0.0090	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Lead, SPLP	ND		mg/l	0.0100	0.0027	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Magnesium, SPLP	0.0800	J	mg/l	0.100	0.0153	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Manganese, SPLP	ND		mg/l	0.0100	0.0016	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Nickel, SPLP	ND		mg/l	0.0250	0.0024	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Potassium, SPLP	ND		mg/l	2.50	0.237	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Selenium, SPLP	ND		mg/l	0.0100	0.0035	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Silver, SPLP	ND		mg/l	0.0070	0.0028	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Thallium, SPLP	ND		mg/l	0.0200	0.0025	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Vanadium, SPLP	ND		mg/l	0.0100	0.0020	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF
Zinc, SPLP	0.0336	J	mg/l	0.0500	0.0021	1	03/14/24 08:06	03/14/24 11:17	1,6010D	JMF

Prep Information

Digestion Method: EPA 3005A
TCLP/SPLP Extraction Date: 03/11/24 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab for sample(s): 01-02 Batch: WG1895828-1										
Mercury, SPLP	ND		mg/l	0.00020	0.00009	1	03/14/24 07:34	03/14/24 12:37	1,7470A	GMG

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2412661
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 03/11/24 03:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab for sample(s): 01-02 Batch: WG1896349-1										
Sodium, SPLP	2.64	J	mg/l	3.00	0.120	1	03/14/24 15:25	03/14/24 18:19	1,6010D	DMC

Prep Information

Digestion Method: EPA 3005A
TCLP/SPLP Extraction Date: 03/11/24 03:43

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412661

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1895827-2								
Aluminum, SPLP	106		-		80-120	-		
Antimony, SPLP	103		-		80-120	-		
Arsenic, SPLP	100		-		80-120	-		
Barium, SPLP	110		-		80-120	-		
Beryllium, SPLP	106		-		80-120	-		
Cadmium, SPLP	101		-		80-120	-		
Calcium, SPLP	106		-		80-120	-		
Chromium, SPLP	105		-		80-120	-		
Cobalt, SPLP	102		-		80-120	-		
Copper, SPLP	114		-		80-120	-		
Iron, SPLP	108		-		80-120	-		
Lead, SPLP	100		-		80-120	-		
Magnesium, SPLP	106		-		80-120	-		
Manganese, SPLP	102		-		80-120	-		
Nickel, SPLP	101		-		80-120	-		
Potassium, SPLP	111		-		80-120	-		
Selenium, SPLP	98		-		80-120	-		
Silver, SPLP	109		-		80-120	-		
Thallium, SPLP	100		-		80-120	-		
Vanadium, SPLP	106		-		80-120	-		
Zinc, SPLP	103		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412661

Report Date: 03/15/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1895828-2					
Mercury, SPLP	98	-	80-120	-	
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1896349-2					
Sodium, SPLP	105	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1895827-3 QC Sample: L2412661-01 Client ID: M1-SPLP												
Aluminum, SPLP	1.80	2	4.68	**144**	Q	-	-		75-125	-		20
Antimony, SPLP	ND	0.5	0.557	111		-	-		75-125	-		20
Arsenic, SPLP	ND	0.12	0.133	111		-	-		75-125	-		20
Barium, SPLP	0.270	2	2.71	122		-	-		75-125	-		20
Beryllium, SPLP	ND	0.05	0.0582	116		-	-		75-125	-		20
Cadmium, SPLP	ND	0.053	0.0558	105		-	-		75-125	-		20
Calcium, SPLP	204.	10	265	**610**	Q	-	-		75-125	-		20
Chromium, SPLP	0.0031J	0.2	0.221	110		-	-		75-125	-		20
Cobalt, SPLP	ND	0.5	0.533	107		-	-		75-125	-		20
Copper, SPLP	0.0106	0.25	0.324	125		-	-		75-125	-		20
Iron, SPLP	0.0212J	1	1.15	115		-	-		75-125	-		20
Lead, SPLP	ND	0.53	0.564	106		-	-		75-125	-		20
Magnesium, SPLP	0.0179J	10	11.3	113		-	-		75-125	-		20
Manganese, SPLP	ND	0.5	0.560	112		-	-		75-125	-		20
Nickel, SPLP	0.0041J	0.5	0.527	105		-	-		75-125	-		20
Potassium, SPLP	8.43	10	23.2	**148**	Q	-	-		75-125	-		20
Selenium, SPLP	ND	0.12	0.137	114		-	-		75-125	-		20
Silver, SPLP	ND	0.05	0.0589	118		-	-		75-125	-		20
Thallium, SPLP	ND	0.12	0.130	108		-	-		75-125	-		20
Vanadium, SPLP	ND	0.5	0.558	112		-	-		75-125	-		20
Zinc, SPLP	0.0074J	0.5	0.504	101		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1895828-3 QC Sample: L2412661-01 Client ID: M1-SPLP									
Mercury, SPLP	ND	0.005	0.00493	99	-	-	75-125	-	20
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1896349-3 QC Sample: L2412661-02 Client ID: M2-SPLP									
Sodium, SPLP	10.8	10	21.6	108	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1895827-4 QC Sample: L2412661-01 Client ID: M1-SPLP						
Aluminum, SPLP	1.80	2.06	mg/l	13		20
Antimony, SPLP	ND	ND	mg/l	NC		20
Arsenic, SPLP	ND	0.0039J	mg/l	NC		20
Barium, SPLP	0.270	0.313	mg/l	15		20
Beryllium, SPLP	ND	ND	mg/l	NC		20
Cadmium, SPLP	ND	ND	mg/l	NC		20
Calcium, SPLP	204.	230	mg/l	12		20
Chromium, SPLP	0.0031J	0.0039J	mg/l	NC		20
Cobalt, SPLP	ND	ND	mg/l	NC		20
Copper, SPLP	0.0106	0.0132	mg/l	**22**	Q	20
Iron, SPLP	0.0212J	0.0106J	mg/l	NC		20
Lead, SPLP	ND	ND	mg/l	NC		20
Magnesium, SPLP	0.0179J	0.0254J	mg/l	NC		20
Manganese, SPLP	ND	ND	mg/l	NC		20
Nickel, SPLP	0.0041J	0.0051J	mg/l	NC		20
Potassium, SPLP	8.43	9.62	mg/l	13		20
Selenium, SPLP	ND	0.0064J	mg/l	NC		20
Silver, SPLP	ND	ND	mg/l	NC		20
Thallium, SPLP	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2412661

Report Date: 03/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1895827-4 QC Sample: L2412661-01 Client ID: M1-SPLP					
Vanadium, SPLP	ND	ND	mg/l	NC	20
Zinc, SPLP	0.0074J	0.0098J	mg/l	NC	20
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1895828-4 QC Sample: L2412661-01 Client ID: M1-SPLP					
Mercury, SPLP	ND	ND	mg/l	NC	20
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1896349-4 QC Sample: L2412661-02 Client ID: M2-SPLP					
Sodium, SPLP	10.8	10.9	mg/l	1	20

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2412661
Report Date: 03/15/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1895827-6 QC Sample: L2412661-01 Client ID: M1-SPLP						
Calcium, SPLP	204.	215.	mg/l	5		20

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2412661
Report Date: 03/15/24

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(*)
L2412661-01A	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		SPLP-EXT-ZHE(14)
L2412661-01W	Amber 1000ml unpreserved Extracts	A	NA		3.3	Y	Absent		SPLP-8270(14)
L2412661-01X	Plastic 250ml HNO3 preserved Extracts	A	NA		3.3	Y	Absent		NA-PI(180),AG-PI(180),K-PI(180),SE-PI(180),CO-PI(180),CU-PI(180),MG-PI(180),SB-PI(180),ZN-PI(180),MN-PI(180),NI-PI(180),TL-PI(180),BA-PI(180),CA-PI(180),PB-PI(180),V-PI(180),BE-PI(180),CR-PI(180),AL-PI(180),FE-PI(180),HG-P(28),CD-PI(180),AS-PI(180)
L2412661-01X9	Tumble Vessel	A	NA		3.3	Y	Absent		-
L2412661-01Y	Vial unpreserved Extracts	A	NA		3.3	Y	Absent		SPLP-VOA(14)
L2412661-01Z	Vial unpreserved Extracts	A	NA		3.3	Y	Absent		SPLP-VOA(14)
L2412661-01Z1	Vial unpreserved Extracts	A	NA		13.9	Y	Absent		SPLP-VOA(14)
L2412661-02A	Plastic 250ml unpreserved	A	NA		3.3	Y	Absent		SPLP-EXT-ZHE(14)
L2412661-02W	Amber 1000ml unpreserved Extracts	A	NA		3.3	Y	Absent		SPLP-8270(14)
L2412661-02X	Plastic 250ml HNO3 preserved Extracts	A	NA		3.3	Y	Absent		NA-PI(180),K-PI(180),AG-PI(180),CO-PI(180),SE-PI(180),CU-PI(180),MG-PI(180),SB-PI(180),ZN-PI(180),TL-PI(180),MN-PI(180),NI-PI(180),V-PI(180),BA-PI(180),PB-PI(180),BE-PI(180),CR-PI(180),CA-PI(180),AL-PI(180),FE-PI(180),AS-PI(180),CD-PI(180),HG-P(28)
L2412661-02X9	Tumble Vessel	A	NA		3.3	Y	Absent		-
L2412661-02Y	Vial unpreserved Extracts	A	NA		3.3	Y	Absent		SPLP-VOA(14)
L2412661-02Z	Vial unpreserved Extracts	A	NA		3.3	Y	Absent		SPLP-VOA(14)
L2412661-02Z1	Vial unpreserved Extracts	A	NA		13.9	Y	Absent		SPLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	OSSINING ISS	**Lab Number:**	L2412661
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GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2412661
Project Number:	11498-0	**Report Date:**	03/15/24

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

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NEW YORK CHAIN OF CUSTODY

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

Page 1 of

Date Rec'd in Lab: 3/7/24

ALPHA Job #: L2412661

Client Information

Client: SESI Consulting Engineers
Address: 959 US-46 Floor 3, Suite 300
Parsippany-Troy Hills, 07054
Phone: 973-808-9050
Fax:
Email: ad@sesi.org

Project Information

Project Name: Ossining ISS
Project Location: Ossining, NY
Project #: 11498-0
(Use Project name as Project #)
Project Manager: Amine Dahmani
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Billing Information

✓ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

ISS treatability study- two solidified soil samples (4" Long and 2" in Dia) in plastic moulds.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration

☐ one
☐ ab to do
Preservation
☐ ab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SPLP VOCs	SPLP SVOCs	SPLP TAL metals	Sample Specific Comments
12661-01	M1-SPLP	3/6/24	2:40 p.m.	soil	AD	x	x	x	
-02	M2-SPLP	3/6/24	2:40 p.m.	soil	AD	x	x	x	

Container Type: O O O
Preservative: A A A

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

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
Amine Dahmani	3/7/2024 @	McConnolly	3/7/24 10:36
McConnolly	3/7/24 14:30		3-7-24 16:20
	3-7-24 18:00		3/7/24 18:00

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

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

ANALYTICAL REPORT

Lab Number:	L2414575
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	OSSINING ISS
Project Number:	11498:24
Report Date:	03/25/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2414575-01	M1-ANS	WATER	OSSINING, NY	03/11/24 15:40	03/18/24
L2414575-02	M2-ANS	WATER	OSSINING, NY	03/11/24 16:51	03/18/24

Project Name:	OSSINING ISS	**Lab Number:**	L2414575
Project Number:	11498:24	**Report Date:**	03/25/24

Case Narrative

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

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

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

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

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2414575
Project Number:	11498:24	**Report Date:**	03/25/24

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.

Semivolatile Organics

L2414575-01 and -02: The sample was extracted with the method required holding time exceeded.

Semivolatile Organics by SIM

L2414575-01, -01D, -02, and -02D: The sample was extracted with the method required holding time exceeded.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 03/25/24

ORGANICS

VOLATILES

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01 D
Client ID: M1-ANS
Sample Location: OSSINING, NY

Date Collected: 03/11/24 15:40
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/21/24 01:47
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	5.6	J	ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	2.5		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: OSSINING ISS **Lab Number:** L2414575

Project Number: 11498:24 **Report Date:** 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01 D Date Collected: 03/11/24 15:40

Client ID: M1-ANS Date Received: 03/18/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	56		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	860		ug/l	12	3.5	5

Project Name: OSSINING ISS **Lab Number:** L2414575

Project Number: 11498:24 **Report Date:** 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01 D Date Collected: 03/11/24 15:40

Client ID: M1-ANS Date Received: 03/18/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	4.7	J	ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5
Tentatively Identified Compounds						
Total TIC Compounds	135	J	ug/l			5
Indane	27.6	NJ	ug/l			5
Unknown Aromatic	44.5	J	ug/l			5
Unknown Aromatic	63.0	J	ug/l			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	114		70-130

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02 D
Client ID: M2-ANS
Sample Location: OSSINING, NY

Date Collected: 03/11/24 16:51
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/21/24 02:09
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	4.1	J	ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	2.1	J	ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: OSSINING ISS **Lab Number:** L2414575

Project Number: 11498:24 **Report Date:** 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02 D Date Collected: 03/11/24 16:51

Client ID: M2-ANS Date Received: 03/18/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	57		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	940		ug/l	12	3.5	5

Project Name: OSSINING ISS **Lab Number:** L2414575

Project Number: 11498:24 **Report Date:** 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02 D Date Collected: 03/11/24 16:51

Client ID: M2-ANS Date Received: 03/18/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	4.0	J	ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5
Tentatively Identified Compounds						
Total TIC Compounds	171	J	ug/l			5
Indane	22.4	NJ	ug/l			5
Unknown Aromatic	85.2	J	ug/l			5
Unknown Aromatic	63.6	J	ug/l			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	126		70-130

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/20/24 18:45
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1898936-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/20/24 18:45
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1898936-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/20/24 18:45
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1898936-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/20/24 18:45
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1898936-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498:24

Lab Number: L2414575

Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1898936-3 WG1898936-4								
Methylene chloride	94		97		70-130	3		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	99		98		63-132	1		20
1,2-Dichloropropane	98		100		70-130	2		20
Dibromochloromethane	100		98		63-130	2		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		90		70-130	11		20
Chlorobenzene	99		96		75-130	3		20
Trichlorofluoromethane	79		78		62-150	1		20
1,2-Dichloroethane	97		100		70-130	3		20
1,1,1-Trichloroethane	94		97		67-130	3		20
Bromodichloromethane	92		96		67-130	4		20
trans-1,3-Dichloropropene	100		94		70-130	6		20
cis-1,3-Dichloropropene	85		90		70-130	6		20
1,1-Dichloropropene	91		92		70-130	1		20
Bromoform	98		93		54-136	5		20
1,1,2,2-Tetrachloroethane	96		110		67-130	14		20
Benzene	96		99		70-130	3		20
Toluene	110		97		70-130	13		20
Ethylbenzene	96		93		70-130	3		20
Chloromethane	**140**	Q	**140**	Q	64-130	0		20
Bromomethane	60		65		39-139	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498:24

Lab Number: L2414575

Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1898936-3 WG1898936-4								
Vinyl chloride	100		100		55-140	0		20
Chloroethane	76		75		55-138	1		20
1,1-Dichloroethene	96		98		61-145	2		20
trans-1,2-Dichloroethene	96		98		70-130	2		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	110		94		70-130	16		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	88		95		63-130	8		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	93		96		70-130	3		20
Dibromomethane	90		96		70-130	6		20
1,2,3-Trichloropropane	95		100		64-130	5		20
Acrylonitrile	120		120		70-130	0		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	130		130		36-147	0		20
Acetone	100		110		58-148	10		20
Carbon disulfide	96		97		51-130	1		20
2-Butanone	110		120		63-138	9		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	91		87		59-130	4		20
2-Hexanone	86		86		57-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1898936-3 WG1898936-4								
Bromochloromethane	96		100		70-130	4		20
2,2-Dichloropropane	99		99		63-133	0		20
1,2-Dibromoethane	100		97		70-130	3		20
1,3-Dichloropropane	110		100		70-130	10		20
1,1,1,2-Tetrachloroethane	110		100		64-130	10		20
Bromobenzene	99		98		70-130	1		20
n-Butylbenzene	120		85		53-136	**34**	Q	20
sec-Butylbenzene	110		99		70-130	11		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	100		92		41-144	8		20
Hexachlorobutadiene	100		82		63-130	20		20
Isopropylbenzene	110		98		70-130	12		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	96		84		70-130	13		20
n-Propylbenzene	97		100		69-130	3		20
1,2,3-Trichlorobenzene	98		83		70-130	17		20
1,2,4-Trichlorobenzene	100		80		70-130	**22**	Q	20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	108		112		56-162	4		20
p-Diethylbenzene	120		93		70-130	**25**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498:24

Lab Number: L2414575

Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1898936-3 WG1898936-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	110		90		70-130	20		20
Ethyl ether	71		72		59-134	1		20
trans-1,4-Dichloro-2-butene	98		110		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		111		70-130
Toluene-d8	115		103		70-130
4-Bromofluorobenzene	92		101		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01
Client ID: M1-ANS
Sample Location: OSSINING, NY

Date Collected: 03/11/24 15:40
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/23/24 13:23
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 03/19/24 01:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	8.6		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01
Client ID: M1-ANS
Sample Location: OSSINING, NY
Date Collected: 03/11/24 15:40
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	3.4		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	4.8	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	20.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	6.6		ug/l	2.0	0.49	1

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01
Client ID: M1-ANS
Sample Location: OSSINING, NY
Date Collected: 03/11/24 15:40
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	211	J	ug/l			1
Unknown Pyridine	8.69	J	ug/l			1
Unknown Naphthalene	8.44	J	ug/l			1
Unknown	11.1	J	ug/l			1
Unknown	12.5	J	ug/l			1
Unknown Organic Acid	14.7	J	ug/l			1
Indane	19.8	NJ	ug/l			1
Unknown	28.2	J	ug/l			1
Unknown Naphthalene	6.22	J	ug/l			1
Unknown Naphthalene	10.6	J	ug/l			1
Unknown Naphthalene	16.6	J	ug/l			1
Unknown PAH	18.9	J	ug/l			1
Unknown	17.6	J	ug/l			1
Unknown Pyridine	7.34	J	ug/l			1
Unknown Ketone	8.11	J	ug/l			1
Unknown	21.7	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	62		41-149

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01
Client ID: M1-ANS
Sample Location: OSSINING, NY

Date Collected: 03/11/24 15:40
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/24/24 18:17
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 03/19/24 01:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	29		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	2.2		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	440	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.24		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.19		ug/l	0.10	0.01	1
Acenaphthylene	31		ug/l	0.10	0.01	1
Anthracene	4.7		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	18		ug/l	0.10	0.01	1
Phenanthrene	23		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	2.5		ug/l	0.10	0.02	1
2-Methylnaphthalene	100	E	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: OSSINING ISS **Lab Number:** L2414575

Project Number: 11498:24 **Report Date:** 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01 Date Collected: 03/11/24 15:40

Client ID: M1-ANS Date Received: 03/18/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	59		41-149

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01 D
Client ID: M1-ANS
Sample Location: OSSINING, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/25/24 11:58
Analyst: AH

Date Collected: 03/11/24 15:40
Date Received: 03/18/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/19/24 01:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	570		ug/l	1.0	0.49	10
2-Methylnaphthalene	110		ug/l	1.0	0.22	10

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02
Client ID: M2-ANS
Sample Location: OSSINING, NY

Date Collected: 03/11/24 16:51
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/23/24 13:45
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 03/19/24 01:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	9.4		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: OSSINING ISS **Lab Number:** L2414575

Project Number: 11498:24 **Report Date:** 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02 Date Collected: 03/11/24 16:51

Client ID: M2-ANS Date Received: 03/18/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	3.7		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	4.9	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	24.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	7.3		ug/l	2.0	0.49	1

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02
Client ID: M2-ANS
Sample Location: OSSINING, NY
Date Collected: 03/11/24 16:51
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	223	J	ug/l			1
Unknown Ketone	8.25	J	ug/l			1
Unknown	10.2	J	ug/l			1
Unknown Naphthalene	11.7	J	ug/l			1
Unknown Naphthalene	15.2	J	ug/l			1
Unknown	25.4	J	ug/l			1
Unknown Alkene	9.93	J	ug/l			1
Unknown Pyridine	8.00	J	ug/l			1
Unknown	18.9	J	ug/l			1
Unknown Naphthalene	9.20	J	ug/l			1
Unknown	25.3	J	ug/l			1
Unknown	28.1	J	ug/l			1
Unknown Organic Acid	17.7	J	ug/l			1
Unknown	9.64	J	ug/l			1
Unknown PAH	17.8	J	ug/l			1
Unknown Naphthalene	7.85	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	68		41-149

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02
Client ID: M2-ANS
Sample Location: OSSINING, NY

Date Collected: 03/11/24 16:51
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/24/24 18:33
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 03/19/24 01:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	30		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	2.7		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	430	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.26		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.23		ug/l	0.10	0.01	1
Acenaphthylene	32		ug/l	0.10	0.01	1
Anthracene	5.1		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	20		ug/l	0.10	0.01	1
Phenanthrene	26		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	3.2		ug/l	0.10	0.02	1
2-Methylnaphthalene	100	E	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: OSSINING ISS
Lab Number: L2414575
Project Number: 11498:24
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02
Client ID: M2-ANS
Sample Location: OSSINING, NY
Date Collected: 03/11/24 16:51
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	70		41-149

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02 D
Client ID: M2-ANS
Sample Location: OSSINING, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/25/24 12:14
Analyst: AH

Date Collected: 03/11/24 16:51
Date Received: 03/18/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/19/24 01:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	570		ug/l	1.0	0.49	10
2-Methylnaphthalene	120		ug/l	1.0	0.22	10

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/20/24 03:01
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 03/18/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1897697-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/20/24 03:01
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 03/18/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1897697-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/20/24 03:01
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 03/18/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1897697-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	16.0	J	ug/l
Unknown Organic Acid	6.62	J	ug/l
Unknown Organic Acid	5.96	J	ug/l
Unknown	3.42	J	ug/l

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/20/24 03:01
Analyst: GMR

Extraction Method: EPA 3510C
Extraction Date: 03/18/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1897697-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	77		41-149

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/19/24 08:41
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 03/18/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1897698-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/19/24 08:41
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 03/18/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1897698-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	82		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1897697-2 WG1897697-3								
Acenaphthene	81		64		37-111	23		30
1,2,4-Trichlorobenzene	77		59		39-98	26		30
Hexachlorobenzene	92		70		40-140	27		30
Bis(2-chloroethyl)ether	75		57		40-140	27		30
2-Chloronaphthalene	86		66		40-140	26		30
1,2-Dichlorobenzene	74		58		40-140	24		30
1,3-Dichlorobenzene	72		56		40-140	25		30
1,4-Dichlorobenzene	71		56		36-97	24		30
3,3'-Dichlorobenzidine	71		61		40-140	15		30
2,4-Dinitrotoluene	88		70		48-143	23		30
2,6-Dinitrotoluene	100		77		40-140	26		30
Fluoranthene	85		66		40-140	25		30
4-Chlorophenyl phenyl ether	85		65		40-140	27		30
4-Bromophenyl phenyl ether	91		70		40-140	26		30
Bis(2-chloroisopropyl)ether	77		60		40-140	25		30
Bis(2-chloroethoxy)methane	82		59		40-140	**33**	Q	30
Hexachlorobutadiene	85		70		40-140	19		30
Hexachlorocyclopentadiene	88		70		40-140	23		30
Hexachloroethane	77		56		40-140	**32**	Q	30
Isophorone	78		59		40-140	28		30
Naphthalene	79		61		40-140	26		30
Nitrobenzene	76		60		40-140	24		30
NDPA/DPA	84		67		40-140	23		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1897697-2 WG1897697-3								
n-Nitrosodi-n-propylamine	75		60		29-132	22		30
Bis(2-ethylhexyl)phthalate	81		66		40-140	20		30
Butyl benzyl phthalate	87		70		40-140	22		30
Di-n-butylphthalate	87		66		40-140	27		30
Di-n-octylphthalate	82		68		40-140	19		30
Diethyl phthalate	89		69		40-140	25		30
Dimethyl phthalate	94		72		40-140	27		30
Benzo(a)anthracene	83		66		40-140	23		30
Benzo(a)pyrene	81		65		40-140	22		30
Benzo(b)fluoranthene	81		69		40-140	16		30
Benzo(k)fluoranthene	85		63		40-140	30		30
Chrysene	83		66		40-140	23		30
Acenaphthylene	86		65		45-123	28		30
Anthracene	84		67		40-140	23		30
Benzo(ghi)perylene	82		65		40-140	23		30
Fluorene	82		64		40-140	25		30
Phenanthrene	82		65		40-140	23		30
Dibenzo(a,h)anthracene	82		65		40-140	23		30
Indeno(1,2,3-cd)pyrene	78		63		40-140	21		30
Pyrene	86		67		26-127	25		30
Biphenyl	88		67		40-140	27		30
4-Chloroaniline	83		68		40-140	20		30
2-Nitroaniline	96		73		52-143	27		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1897697-2 WG1897697-3								
3-Nitroaniline	77		64		25-145	18		30
4-Nitroaniline	84		66		51-143	24		30
Dibenzofuran	85		64		40-140	28		30
2-Methylnaphthalene	80		63		40-140	24		30
1,2,4,5-Tetrachlorobenzene	87		72		2-134	19		30
Acetophenone	79		59		39-129	29		30
2,4,6-Trichlorophenol	97		70		30-130	**32**	Q	30
p-Chloro-m-cresol	88		69		23-97	24		30
2-Chlorophenol	79		60		27-123	27		30
2,4-Dichlorophenol	87		67		30-130	26		30
2,4-Dimethylphenol	66		43		30-130	**42**	Q	30
2-Nitrophenol	83		66		30-130	23		30
4-Nitrophenol	**95**	Q	69		10-80	**32**	Q	30
2,4-Dinitrophenol	95		62		20-130	**42**	Q	30
4,6-Dinitro-o-cresol	104		75		20-164	**32**	Q	30
Pentachlorophenol	77		57		9-103	30		30
Phenol	56		43		12-110	26		30
2-Methylphenol	72		53		30-130	30		30
3-Methylphenol/4-Methylphenol	76		57		30-130	29		30
2,4,5-Trichlorophenol	97		71		30-130	**31**	Q	30
Benzoic Acid	56		44		10-164	24		30
Benzyl Alcohol	76		57		26-116	29		30
Carbazole	85		66		55-144	25		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498:24

Lab Number: L2414575

Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1897697-2 WG1897697-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		51		21-120
Phenol-d6	56		43		10-120
Nitrobenzene-d5	82		65		23-120
2-Fluorobiphenyl	85		68		15-120
2,4,6-Tribromophenol	99		75		10-120
4-Terphenyl-d14	84		67		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1897698-2 WG1897698-3								
Acenaphthene	85		67		40-140	24		40
2-Chloronaphthalene	78		62		40-140	23		40
Fluoranthene	90		73		40-140	21		40
Hexachlorobutadiene	88		70		40-140	23		40
Naphthalene	82		66		40-140	22		40
Benzo(a)anthracene	105		84		40-140	22		40
Benzo(a)pyrene	86		70		40-140	21		40
Benzo(b)fluoranthene	88		74		40-140	17		40
Benzo(k)fluoranthene	86		68		40-140	23		40
Chrysene	97		76		40-140	24		40
Acenaphthylene	80		63		40-140	24		40
Anthracene	87		71		40-140	20		40
Benzo(ghi)perylene	90		74		40-140	20		40
Fluorene	86		68		40-140	23		40
Phenanthrene	86		70		40-140	21		40
Dibenzo(a,h)anthracene	89		73		40-140	20		40
Indeno(1,2,3-cd)pyrene	99		82		40-140	19		40
Pyrene	91		74		40-140	21		40
2-Methylnaphthalene	80		64		40-140	22		40
Pentachlorophenol	92		70		40-140	27		40
Hexachlorobenzene	83		66		40-140	23		40
Hexachloroethane	75		63		40-140	17		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498:24

Lab Number: L2414575

Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1897698-2 WG1897698-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		60		21-120
Phenol-d6	64		48		10-120
Nitrobenzene-d5	89		72		23-120
2-Fluorobiphenyl	80		63		15-120
2,4,6-Tribromophenol	109		84		10-120
4-Terphenyl-d14	77		63		41-149

METALS

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-01
Client ID: M1-ANS
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Water

Date Collected: 03/11/24 15:40
Date Received: 03/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.152		mg/l	0.0100	0.00327	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00018	J	mg/l	0.00050	0.00016	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Barium, Total	0.1185		mg/l	0.00050	0.00017	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Calcium, Total	47.8		mg/l	0.100	0.0394	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00068	J	mg/l	0.00100	0.00017	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00022	J	mg/l	0.00050	0.00016	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Copper, Total	0.04690		mg/l	0.00100	0.00038	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Iron, Total	0.0551		mg/l	0.0500	0.0191	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Lead, Total	0.00045	J	mg/l	0.00100	0.00034	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Magnesium, Total	0.711		mg/l	0.0700	0.0242	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Manganese, Total	0.00138		mg/l	0.00100	0.00044	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/21/24 04:46	03/25/24 09:49	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00170	J	mg/l	0.00200	0.00055	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Potassium, Total	19.0		mg/l	0.100	0.0309	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Sodium, Total	41.1		mg/l	1.00	0.293	10	03/21/24 04:43	03/25/24 15:27	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00495	J	mg/l	0.01000	0.00341	1	03/21/24 04:43	03/25/24 13:57	EPA 3005A	1,6020B	NTB

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

SAMPLE RESULTS

Lab ID: L2414575-02
Client ID: M2-ANS
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Water

Date Collected: 03/11/24 16:51
Date Received: 03/18/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.540		mg/l	0.0100	0.00327	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00021	J	mg/l	0.00050	0.00016	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Barium, Total	0.09964		mg/l	0.00050	0.00017	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Calcium, Total	67.0		mg/l	0.100	0.0394	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00134		mg/l	0.00100	0.00017	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00049	J	mg/l	0.00050	0.00016	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Copper, Total	0.04180		mg/l	0.00100	0.00038	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Iron, Total	0.0828		mg/l	0.0500	0.0191	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Lead, Total	0.00069	J	mg/l	0.00100	0.00034	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Magnesium, Total	0.431		mg/l	0.0700	0.0242	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Manganese, Total	0.00172		mg/l	0.00100	0.00044	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/21/24 04:46	03/25/24 09:53	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00187	J	mg/l	0.00200	0.00055	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Potassium, Total	22.1		mg/l	0.100	0.0309	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Sodium, Total	55.4		mg/l	1.00	0.293	10	03/21/24 04:43	03/25/24 15:32	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00431	J	mg/l	0.01000	0.00341	1	03/21/24 04:43	03/25/24 14:02	EPA 3005A	1,6020B	NTB

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1898833-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/21/24 04:43	03/21/24 17:38	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1898836-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/21/24 04:46	03/22/24 12:00	1,7470A	GMG

Project Name: OSSINING ISS
Project Number: 11498:24
Lab Number: L2414575
Report Date: 03/25/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498:24

Lab Number: L2414575

Report Date: 03/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1898833-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	92		-		80-120	-		
Arsenic, Total	96		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	88		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	94		-		80-120	-		
Copper, Total	95		-		80-120	-		
Iron, Total	98		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	95		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Potassium, Total	104		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	88		-		80-120	-		
Thallium, Total	93		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498:24

Lab Number: L2414575

Report Date: 03/25/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1898833-2					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1898836-2					
Mercury, Total	107	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1898833-3 WG1898833-4 QC Sample: L2414660-03 Client ID: MS Sample												
Aluminum, Total	0.012	2	2.08	103		2.09	104		75-125	0		20
Antimony, Total	ND	0.5	0.4693	94		0.4530	91		75-125	4		20
Arsenic, Total	0.0006	0.12	0.1253	104		0.1217	101		75-125	3		20
Barium, Total	0.0093	2	2.163	108		2.090	104		75-125	3		20
Beryllium, Total	ND	0.05	0.05091	102		0.04987	100		75-125	2		20
Cadmium, Total	ND	0.053	0.05346	101		0.05271	99		75-125	1		20
Calcium, Total	762	10	607	**0**	Q	605	**0**	Q	75-125	0		20
Chromium, Total	0.0004J	0.2	0.2040	102		0.2049	102		75-125	0		20
Cobalt, Total	0.0009	0.5	0.4885	98		0.4901	98		75-125	0		20
Copper, Total	0.0014	0.25	0.2424	96		0.2420	96		75-125	0		20
Iron, Total	0.788	1	1.79	100		1.79	100		75-125	0		20
Lead, Total	ND	0.53	0.5782	109		0.5651	107		75-125	2		20
Magnesium, Total	48.9	10	56.8	79		58.2	93		75-125	2		20
Manganese, Total	0.2154	0.5	0.7179	100		0.7236	102		75-125	1		20
Nickel, Total	ND	0.5	0.4854	97		0.4884	98		75-125	1		20
Potassium, Total	2.37	10	13.2	108		13.4	110		75-125	2		20
Selenium, Total	ND	0.12	0.123	102		0.120	100		75-125	2		20
Silver, Total	0.0004	0.05	0.04975	99		0.04894	97		75-125	2		20
Sodium, Total	11.4	10	19.4	80		19.7	83		75-125	2		20
Thallium, Total	ND	0.12	0.1172	98		0.1160	97		75-125	1		20
Vanadium, Total	ND	0.5	0.5370	107		0.5336	107		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1898833-3 WG1898833-4 QC Sample: L2414660-03 Client ID: MS Sample									
Zinc, Total	0.0042J	0.5	0.4935	99	0.4872	97	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1898836-3 QC Sample: L2415021-01 Client ID: MS Sample									
Mercury, Total	0.00022	0.005	0.00492	94	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498:24

Lab Number: L2414575

Report Date: 03/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1898836-4 QC Sample: L2415021-01 Client ID: DUP Sample						
Mercury, Total	0.00022	0.00021	mg/l	7		20

Project Name: OSSINING ISS
Project Number: 11498:24

Lab Number: L2414575
Report Date: 03/25/24

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(*)
L2414575-01A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260(14)
L2414575-01B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260(14)
L2414575-01C	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260(14)
L2414575-01D	Plastic 250ml HNO3 preserved	A	<2	<2	5.7	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2414575-01E	Amber 250ml unpreserved	A	12	12	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2414575-01F	Amber 250ml unpreserved	A	12	12	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2414575-02A	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260(14)
L2414575-02B	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260(14)
L2414575-02C	Vial HCl preserved	A	NA		5.7	Y	Absent		NYTCL-8260(14)
L2414575-02D	Plastic 250ml HNO3 preserved	A	<2	<2	5.7	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2414575-02E	Amber 250ml unpreserved	A	12	12	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2414575-02F	Amber 250ml unpreserved	A	12	12	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	OSSINING ISS	**Lab Number:**	L2414575
Project Number:	11498:24	**Report Date:**	03/25/24

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OSSINING ISS	**Lab Number:**	L2414575
Project Number:	11498:24	**Report Date:**	03/25/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OSSINING ISS	**Lab Number:**	L2414575
Project Number:	11498:24	**Report Date:**	03/25/24

Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2414575
Project Number:	11498:24	**Report Date:**	03/25/24

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA 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

Date Rec'd in Lab: 3/18/24

ALPHA Job #: L2414575

Client Information

Client: SESI Consulting Engineers
Address: 959 US-46 Floor 3, Suite 300
Parsippany-Troy Hills, 07054
Phone: 973-808-9050
Fax:
Email: ad@sesi.org

Project Information

Project Name: Ossining ISS
Project Location: Ossining, NY
Project #: 11498-0 use 11498:24
(Use Project name as Project #)
Project Manager: Amine Dahmani
ALPHAQuote #:

Turn-Around Time

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

Deliverables

ASP-A ✓ ASP-B
EQuIS (1 File) EQuIS (4 File)
Other

Regulatory Requirement

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

Billing Information

✓ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration

one
ab to do
Preservation
ab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL metals	Sample Specific Comments
14575-01	M1-ANS	3/11/24	3:40 p.m.	water	AD	x	x	x	
-02	M2-ANS	3/11/24	4:51 p.m.	water	AD	x	x	x	

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

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

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

Container Type: V A P
Preservative: B C

Relinquished By:	Date/Time	Received By:	Date/Time
Amine Dahmani	3/18/24 1322	[signature]	3/18/24 1322
[signature] per [signature]	3/18/24 1745	[signature]	3/18/24 1810
[signature]	3/18/24 1930	[signature]	3/18/24 1930

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)

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

Date Rec'd in Lab: 3/18/24

ALPHA Job #: L2414575

Client Information

Client: SESI Consulting Engineers
Address: 959 US-46 Floor 3, Suite 300
Parsippany-Troy Hills, 07054
Phone: 973-808-9050
Fax:
Email: ad@sesi.org

Project Information

Project Name: Ossining ISS
Project Location: Ossining, NY
Project #: 11498-0
(Use Project name as Project #)
Project Manager: Amine Dahmani
ALPHAQuote #:

Turn-Around Time

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

Deliverables

ASP-A ✓ ASP-B
EQuIS (1 File) EQuIS (4 File)
Other

Regulatory Requirement

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

Billing Information

✓ Same as Client Info
PO #

Disposal Site Information

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

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration

one
ab to do
Preservation
ab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL metals	Sample Specific Comments
14575-01	M1-ANS	3/11/24	3:40 p.m.	water	AD	x	x	x	
-02	M2-ANS	3/11/24	4:51 p.m.	water	AD	x	x	x	

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

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

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

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

	V	A	P	B	C
Container Type					
Preservative					

Relinquished By:	Date/Time	Received By:	Date/Time
Amine Dahmani	3/18/24 1322	[signature] AMER	3/18/24 1322
[signature] per	3/18/24 1745	[signature]	3/18/24 1810
[signature]	3/18/24 1930	[signature]	3/18/24 1930

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.

ANALYTICAL REPORT

Lab Number:	L2415142
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	OSSINING ISS
Project Number:	11498-0
Report Date:	03/27/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2415142-01	M3-SPLP	SOIL	OSSINING, NY	03/19/24 14:30	03/20/24
L2415142-02	M4-SPLP	SOIL	OSSINING, NY	03/19/24 14:30	03/20/24

Project Name:	OSSINING ISS	**Lab Number:**	L2415142
Project Number:	11498-0	**Report Date:**	03/27/24

Case Narrative

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

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

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

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

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2415142
Project Number:	11498-0	**Report Date:**	03/27/24

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

L2415142-01 and -02: The sample was received in an inappropriate container for the SPLP Volatiles analysis.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 03/27/24

ORGANICS

VOLATILES

Project Name: OSSINING ISS **Lab Number:** L2415142

Project Number: 11498-0 **Report Date:** 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-01 D
Client ID: M3-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/27/24 06:17
Analyst: MCM

TCLP/SPLP Ext. Date: 03/26/24 07:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
Methylene chloride	ND		ug/l	60	14.	20
1,1-Dichloroethane	ND		ug/l	15	4.2	20
Chloroform	ND		ug/l	15	4.4	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	35	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	15	2.9	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	10	3.6	20
Trichlorofluoromethane	ND		ug/l	50	3.2	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	10	3.2	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	4.8	20
Bromoform	ND		ug/l	40	5.0	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	15	4.1	20
Ethylbenzene	ND		ug/l	10	3.3	20
Chloromethane	ND		ug/l	50	4.0	20
Bromomethane	ND		ug/l	20	5.1	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	20	2.7	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	15	3.3	20
Trichloroethene	ND		ug/l	10	3.5	20

Project Name: OSSINING ISS **Lab Number:** L2415142

Project Number: 11498-0 **Report Date:** 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-01 D Date Collected: 03/19/24 14:30

Client ID: M3-SPLP Date Received: 03/20/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	50	3.7	20
1,3-Dichlorobenzene	ND		ug/l	50	3.7	20
1,4-Dichlorobenzene	ND		ug/l	50	3.7	20
Methyl tert butyl ether	ND		ug/l	20	3.3	20
p/m-Xylene	ND		ug/l	20	6.6	20
o-Xylene	ND		ug/l	20	7.8	20
cis-1,2-Dichloroethene	ND		ug/l	10	3.7	20
Dibromomethane	ND		ug/l	100	7.3	20
1,4-Dichlorobutane	ND		ug/l	100	9.3	20
1,2,3-Trichloropropane	ND		ug/l	100	3.5	20
Styrene	ND		ug/l	20	7.2	20
Dichlorodifluoromethane	ND		ug/l	100	4.9	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	6.0	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	6.2	20
4-Methyl-2-pentanone	ND		ug/l	100	8.3	20
2-Hexanone	ND		ug/l	100	10.	20
Ethyl methacrylate	ND		ug/l	100	12.	20
Acrylonitrile	ND		ug/l	100	8.6	20
Bromochloromethane	ND		ug/l	50	3.0	20
2,2-Dichloropropane	ND		ug/l	50	4.1	20
1,2-Dibromoethane	ND		ug/l	40	3.9	20
1,3-Dichloropropane	ND		ug/l	50	4.2	20
1,1,1,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Bromobenzene	ND		ug/l	50	3.0	20
n-Butylbenzene	ND		ug/l	10	3.8	20
sec-Butylbenzene	ND		ug/l	10	3.6	20
tert-Butylbenzene	ND		ug/l	50	3.9	20
o-Chlorotoluene	ND		ug/l	50	4.3	20
p-Chlorotoluene	ND		ug/l	50	3.7	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	7.1	20
Hexachlorobutadiene	ND		ug/l	10	4.3	20
Isopropylbenzene	ND		ug/l	10	3.7	20
p-Isopropyltoluene	ND		ug/l	10	3.8	20
Naphthalene	2300		ug/l	50	4.3	20
n-Propylbenzene	ND		ug/l	10	3.5	20

Project Name: OSSINING ISS **Lab Number:** L2415142

Project Number: 11498-0 **Report Date:** 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-01 D Date Collected: 03/19/24 14:30

Client ID: M3-SPLP Date Received: 03/20/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	50	4.7	20
1,2,4-Trichlorobenzene	ND		ug/l	50	4.4	20
1,3,5-Trimethylbenzene	ND		ug/l	50	4.3	20
1,2,4-Trimethylbenzene	9.1	J	ug/l	50	3.8	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	4.3	20
Ethyl ether	ND		ug/l	50	3.3	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	ND		ug/l	40	7.8	20
p-Ethyltoluene	ND		ug/l	40	6.8	20
1,2,4,5-Tetramethylbenzene	ND		ug/l	40	11.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	116		70-130

Project Name: OSSINING ISS **Lab Number:** L2415142

Project Number: 11498-0 **Report Date:** 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-02 D
Client ID: M4-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/27/24 05:54
Analyst: MCM

TCLP/SPLP Ext. Date: 03/26/24 07:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
Methylene chloride	ND		ug/l	60	14.	20
1,1-Dichloroethane	ND		ug/l	15	4.2	20
Chloroform	ND		ug/l	15	4.4	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	35	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	15	2.9	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	10	3.6	20
Trichlorofluoromethane	ND		ug/l	50	3.2	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	10	3.2	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
1,1-Dichloropropene	ND		ug/l	50	4.8	20
Bromoform	ND		ug/l	40	5.0	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	15	4.1	20
Ethylbenzene	5.3	J	ug/l	10	3.3	20
Chloromethane	ND		ug/l	50	4.0	20
Bromomethane	ND		ug/l	20	5.1	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	20	2.7	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	15	3.3	20
Trichloroethene	ND		ug/l	10	3.5	20

Project Name: OSSINING ISS **Lab Number:** L2415142

Project Number: 11498-0 **Report Date:** 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-02 D Date Collected: 03/19/24 14:30

Client ID: M4-SPLP Date Received: 03/20/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	50	3.7	20
1,3-Dichlorobenzene	ND		ug/l	50	3.7	20
1,4-Dichlorobenzene	ND		ug/l	50	3.7	20
Methyl tert butyl ether	ND		ug/l	20	3.3	20
p/m-Xylene	ND		ug/l	20	6.6	20
o-Xylene	ND		ug/l	20	7.8	20
cis-1,2-Dichloroethene	ND		ug/l	10	3.7	20
Dibromomethane	ND		ug/l	100	7.3	20
1,4-Dichlorobutane	ND		ug/l	100	9.3	20
1,2,3-Trichloropropane	ND		ug/l	100	3.5	20
Styrene	ND		ug/l	20	7.2	20
Dichlorodifluoromethane	ND		ug/l	100	4.9	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	6.0	20
2-Butanone	ND		ug/l	100	39.	20
Vinyl acetate	ND		ug/l	100	6.2	20
4-Methyl-2-pentanone	ND		ug/l	100	8.3	20
2-Hexanone	ND		ug/l	100	10.	20
Ethyl methacrylate	ND		ug/l	100	12.	20
Acrylonitrile	ND		ug/l	100	8.6	20
Bromochloromethane	ND		ug/l	50	3.0	20
2,2-Dichloropropane	ND		ug/l	50	4.1	20
1,2-Dibromoethane	ND		ug/l	40	3.9	20
1,3-Dichloropropane	ND		ug/l	50	4.2	20
1,1,1,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Bromobenzene	ND		ug/l	50	3.0	20
n-Butylbenzene	ND		ug/l	10	3.8	20
sec-Butylbenzene	ND		ug/l	10	3.6	20
tert-Butylbenzene	ND		ug/l	50	3.9	20
o-Chlorotoluene	ND		ug/l	50	4.3	20
p-Chlorotoluene	ND		ug/l	50	3.7	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	7.1	20
Hexachlorobutadiene	ND		ug/l	10	4.3	20
Isopropylbenzene	ND		ug/l	10	3.7	20
p-Isopropyltoluene	ND		ug/l	10	3.8	20
Naphthalene	2300		ug/l	50	4.3	20
n-Propylbenzene	ND		ug/l	10	3.5	20

Project Name: OSSINING ISS **Lab Number:** L2415142

Project Number: 11498-0 **Report Date:** 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-02 D
Client ID: M4-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Volatiles by EPA 1312 - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	50	4.7	20
1,2,4-Trichlorobenzene	ND		ug/l	50	4.4	20
1,3,5-Trimethylbenzene	ND		ug/l	50	4.3	20
1,2,4-Trimethylbenzene	13	J	ug/l	50	3.8	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50	4.3	20
Ethyl ether	ND		ug/l	50	3.3	20
1,4-Dioxane	ND		ug/l	5000	1200	20
p-Diethylbenzene	ND		ug/l	40	7.8	20
p-Ethyltoluene	9.6	J	ug/l	40	6.8	20
1,2,4,5-Tetramethylbenzene	ND		ug/l	40	11.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	80		70-130
Dibromofluoromethane	119		70-130

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/27/24 05:31
Analyst: MCM
TCLP/SPLP Extraction Date: 03/26/24 07:16
Extraction Date: 03/26/24 07:16

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1901350-5					
Methylene chloride	0.72	J	ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.8	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	2.5	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.24
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.5	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.18

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/27/24 05:31
Analyst: MCM
TCLP/SPLP Extraction Date: 03/26/24 07:16
Extraction Date: 03/26/24 07:16

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1901350-5					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.19
1,4-Dichlorobenzene	ND		ug/l	2.5	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	5.0	0.36
1,4-Dichlorobutane	ND		ug/l	5.0	0.46
1,2,3-Trichloropropane	ND		ug/l	5.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	5.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	0.31
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Ethyl methacrylate	ND		ug/l	5.0	0.61
Acrylonitrile	ND		ug/l	5.0	0.43
Bromochloromethane	ND		ug/l	2.5	0.15
2,2-Dichloropropane	ND		ug/l	2.5	0.20
1,2-Dibromoethane	ND		ug/l	2.0	0.19
1,3-Dichloropropane	ND		ug/l	2.5	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	2.5	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	2.5	0.20
o-Chlorotoluene	ND		ug/l	2.5	0.22

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/27/24 05:31
Analyst: MCM
TCLP/SPLP Extraction Date: 03/26/24 07:16
Extraction Date: 03/26/24 07:16

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Volatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1901350-5					
p-Chlorotoluene	ND		ug/l	2.5	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	2.5	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.22
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.19
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.21
Ethyl ether	ND		ug/l	2.5	0.16
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.39
p-Ethyltoluene	ND		ug/l	2.0	0.34
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	121		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1901350-3 WG1901350-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	100		96		70-130	4		20
Chloroform	100		96		70-130	4		20
Carbon tetrachloride	99		92		63-132	7		20
1,2-Dichloropropane	93		90		70-130	3		20
Dibromochloromethane	89		87		63-130	2		20
1,1,2-Trichloroethane	90		87		70-130	3		20
Tetrachloroethene	100		97		70-130	3		20
Chlorobenzene	99		94		75-130	5		25
Trichlorofluoromethane	110		99		62-150	11		20
1,2-Dichloroethane	95		93		70-130	2		20
1,1,1-Trichloroethane	100		93		67-130	7		20
Bromodichloromethane	93		90		67-130	3		20
trans-1,3-Dichloropropene	81		79		70-130	3		20
cis-1,3-Dichloropropene	85		84		70-130	1		20
1,1-Dichloropropene	95		89		70-130	7		20
Bromoform	80		80		54-136	0		20
1,1,2,2-Tetrachloroethane	81		84		67-130	4		20
Benzene	99		93		70-130	6		25
Toluene	97		90		70-130	7		25
Ethylbenzene	93		88		70-130	6		20
Chloromethane	98		87		64-130	12		20
Bromomethane	100		95		39-139	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1901350-3 WG1901350-4								
Vinyl chloride	98		88		55-140	11		20
Chloroethane	110		97		55-138	13		20
1,1-Dichloroethene	110		100		61-145	10		25
trans-1,2-Dichloroethene	110		99		70-130	11		20
Trichloroethene	100		93		70-130	7		25
1,2-Dichlorobenzene	93		90		70-130	3		20
1,3-Dichlorobenzene	96		92		70-130	4		20
1,4-Dichlorobenzene	97		94		70-130	3		20
Methyl tert butyl ether	84		86		63-130	2		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Dibromomethane	96		94		70-130	2		20
1,4-Dichlorobutane	75		76		70-130	1		20
1,2,3-Trichloropropane	80		82		64-130	2		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	86		80		36-147	7		20
Acetone	110		100		58-148	10		20
Carbon disulfide	110		98		51-130	12		20
2-Butanone	93		93		63-138	0		20
Vinyl acetate	82		82		70-130	0		20
4-Methyl-2-pentanone	62		66		59-130	6		20
2-Hexanone	64		70		57-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1901350-3 WG1901350-4

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Ethyl methacrylate	**65**	Q	**68**	Q	70-130	5		20
Acrylonitrile	96		95		70-130	1		20
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	98		92		63-133	6		20
1,2-Dibromoethane	87		86		70-130	1		20
1,3-Dichloropropane	89		87		70-130	2		20
1,1,1,2-Tetrachloroethane	91		88		64-130	3		20
Bromobenzene	89		88		70-130	1		20
n-Butylbenzene	90		86		53-136	5		20
sec-Butylbenzene	90		87		70-130	3		20
tert-Butylbenzene	84		82		70-130	2		20
o-Chlorotoluene	89		85		70-130	5		20
p-Chlorotoluene	87		85		70-130	2		20
1,2-Dibromo-3-chloropropane	75		81		41-144	8		20
Hexachlorobutadiene	100		98		63-130	2		20
Isopropylbenzene	81		80		70-130	1		20
p-Isopropyltoluene	85		83		70-130	2		20
Naphthalene	**69**	Q	72		70-130	4		20
n-Propylbenzene	86		83		69-130	4		20
1,2,3-Trichlorobenzene	87		87		70-130	0		20
1,2,4-Trichlorobenzene	83		82		70-130	1		20
1,3,5-Trimethylbenzene	84		84		64-130	0		20
1,2,4-Trimethylbenzene	84		82		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Volatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1901350-3 WG1901350-4								
trans-1,4-Dichloro-2-butene	**69**	Q	71		70-130	3		20
Ethyl ether	93		93		59-134	0		20
1,4-Dioxane	104		102		56-162	2		20
p-Diethylbenzene	82		80		70-130	2		20
p-Ethyltoluene	86		84		70-130	2		20
1,2,4,5-Tetramethylbenzene	75		74		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	83		85		70-130
Dibromofluoromethane	110		107		70-130

SEMIVOLATILES

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-01
Client ID: M3-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/26/24 13:16
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/25/24 16:59

TCLP/SPLP Ext. Date: 03/24/24 16:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Acenaphthene	120		ug/l	2.0	1.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Hexachlorobenzene	ND		ug/l	2.0	0.69	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
2-Chloronaphthalene	ND		ug/l	2.0	0.54	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Fluoranthene	6.6		ug/l	2.0	0.65	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorobutadiene	ND		ug/l	2.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Hexachloroethane	ND		ug/l	2.0	0.44	1
Isophorone	ND		ug/l	5.0	0.66	1
Naphthalene	910	E	ug/l	2.0	0.67	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1

Project Name: OSSINING ISS **Lab Number:** L2415142

Project Number: 11498-0 **Report Date:** 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-01 Date Collected: 03/19/24 14:30

Client ID: M3-SPLP Date Received: 03/20/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Benzo(a)anthracene	ND		ug/l	2.0	0.77	1
Benzo(a)pyrene	ND		ug/l	2.0	0.45	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82	1
Chrysene	ND		ug/l	2.0	0.83	1
Acenaphthylene	120		ug/l	2.0	0.59	1
Anthracene	20.		ug/l	2.0	0.79	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.77	1
Fluorene	80.		ug/l	2.0	1.0	1
Phenanthrene	96.		ug/l	2.0	0.99	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94	1
Pyrene	7.4		ug/l	2.0	0.70	1
Biphenyl	48.		ug/l	2.0	0.64	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	17.		ug/l	2.0	0.82	1
2-Methylnaphthalene	500	E	ug/l	2.0	0.68	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.62	1
Acetophenone	2.9	J	ug/l	5.0	0.98	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Pentachlorophenol	ND		ug/l	10	2.0	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-01
Client ID: M3-SPLP
Sample Location: OSSINING, NY
Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	19.		ug/l	2.0	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	75		41-149

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-01 D
Client ID: M3-SPLP
Sample Location: OSSINING, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/27/24 10:50
Analyst: JG

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/25/24 16:59

TCLP/SPLP Ext. Date: 03/24/24 16:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Naphthalene	1800		ug/l	20	6.7	10
2-Methylnaphthalene	620		ug/l	20	6.8	10

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-02
Client ID: M4-SPLP
Sample Location: OSSINING, NY

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/26/24 12:59
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/25/24 16:59

TCLP/SPLP Ext. Date: 03/24/24 16:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Acenaphthene	110		ug/l	2.0	1.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Hexachlorobenzene	ND		ug/l	2.0	0.69	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
2-Chloronaphthalene	ND		ug/l	2.0	0.54	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Fluoranthene	8.0		ug/l	2.0	0.65	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorobutadiene	ND		ug/l	2.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Hexachloroethane	ND		ug/l	2.0	0.44	1
Isophorone	ND		ug/l	5.0	0.66	1
Naphthalene	840	E	ug/l	2.0	0.67	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1

Project Name: OSSINING ISS **Lab Number:** L2415142

Project Number: 11498-0 **Report Date:** 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-02 Date Collected: 03/19/24 14:30

Client ID: M4-SPLP Date Received: 03/20/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Benzo(a)anthracene	ND		ug/l	2.0	0.77	1
Benzo(a)pyrene	ND		ug/l	2.0	0.45	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82	1
Chrysene	ND		ug/l	2.0	0.83	1
Acenaphthylene	110		ug/l	2.0	0.59	1
Anthracene	21.		ug/l	2.0	0.79	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.77	1
Fluorene	77.		ug/l	2.0	1.0	1
Phenanthrene	98.		ug/l	2.0	0.99	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94	1
Pyrene	9.0		ug/l	2.0	0.70	1
Biphenyl	44.		ug/l	2.0	0.64	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	16.		ug/l	2.0	0.82	1
2-Methylnaphthalene	450	E	ug/l	2.0	0.68	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.62	1
Acetophenone	2.1	J	ug/l	5.0	0.98	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Pentachlorophenol	ND		ug/l	10	2.0	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-02
Client ID: M4-SPLP
Sample Location: OSSINING, NY
Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	18.		ug/l	2.0	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	70		41-149

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-02 D
Client ID: M4-SPLP
Sample Location: OSSINING, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/27/24 11:07
Analyst: JG

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/25/24 16:59

TCLP/SPLP Ext. Date: 03/24/24 16:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
SPLP Semivolatiles by EPA 1312 - Westborough Lab						
Naphthalene	1300		ug/l	20	6.7	10
2-Methylnaphthalene	490		ug/l	20	6.8	10

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/26/24 11:18
Analyst: HNY
TCLP/SPLP Extraction Date: 03/24/24 16:07

Extraction Method: EPA 3510C
Extraction Date: 03/25/24 16:59

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1900605-1					
Acenaphthene	ND		ug/l	2.0	1.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3
Dimethyl phthalate	ND		ug/l	5.0	4.4

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/26/24 11:18
Analyst: HNY
TCLP/SPLP Extraction Date: 03/24/24 16:07

Extraction Method: EPA 3510C
Extraction Date: 03/25/24 16:59

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1900605-1					
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
4-Chloroaniline	ND		ug/l	5.0	0.65
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.62
Acetophenone	ND		ug/l	5.0	0.98
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46
4-Nitrophenol	ND		ug/l	10	1.1

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/26/24 11:18
Analyst: HNY
TCLP/SPLP Extraction Date: 03/24/24 16:07

Extraction Method: EPA 3510C
Extraction Date: 03/25/24 16:59

Parameter	Result	Qualifier	Units	RL	MDL
SPLP Semivolatiles by EPA 1312 - Westborough Lab for sample(s): 01-02 Batch: WG1900605-1					
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	82		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1900605-2 WG1900605-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Acenaphthene	56		57		37-111	2		30
1,2,4-Trichlorobenzene	60		57		39-98	5		30
Hexachlorobenzene	61		61		40-140	0		30
Bis(2-chloroethyl)ether	57		54		40-140	5		30
2-Chloronaphthalene	61		62		40-140	2		30
1,2-Dichlorobenzene	57		54		40-140	5		30
1,3-Dichlorobenzene	54		52		40-140	4		30
1,4-Dichlorobenzene	56		54		36-97	4		30
3,3'-Dichlorobenzidine	57		57		40-140	0		30
2,4-Dinitrotoluene	60		61		48-143	2		30
2,6-Dinitrotoluene	72		74		40-140	3		30
Fluoranthene	60		65		40-140	8		30
4-Chlorophenyl phenyl ether	56		59		40-140	5		30
4-Bromophenyl phenyl ether	60		61		40-140	2		30
Bis(2-chloroisopropyl)ether	58		57		40-140	2		30
Bis(2-chloroethoxy)methane	61		60		40-140	2		30
Hexachlorobutadiene	61		60		40-140	2		30
Hexachlorocyclopentadiene	**33**	Q	**32**	Q	40-140	3		30
Hexachloroethane	61		56		40-140	9		30
Isophorone	62		62		40-140	0		30
Naphthalene	58		58		40-140	0		30
Nitrobenzene	64		61		40-140	5		30
NDPA/DPA	60		60		40-140	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1900605-2 WG1900605-3								
Bis(2-ethylhexyl)phthalate	72		77		40-140	7		30
Butyl benzyl phthalate	73		83		40-140	13		30
Di-n-butylphthalate	66		70		40-140	6		30
Di-n-octylphthalate	75		83		40-140	10		30
Diethyl phthalate	62		64		40-140	3		30
Dimethyl phthalate	62		64		40-140	3		30
Benzo(a)anthracene	60		63		40-140	5		30
Benzo(a)pyrene	66		71		40-140	7		30
Benzo(b)fluoranthene	62		64		40-140	3		30
Benzo(k)fluoranthene	58		68		40-140	16		30
Chrysene	61		63		40-140	3		30
Acenaphthylene	58		58		45-123	0		30
Anthracene	60		63		40-140	5		30
Benzo(ghi)perylene	52		54		40-140	4		30
Fluorene	58		59		40-140	2		30
Phenanthrene	58		60		40-140	3		30
Dibenzo(a,h)anthracene	55		58		40-140	5		30
Indeno(1,2,3-cd)pyrene	61		64		40-140	5		30
Pyrene	61		65		26-127	6		30
Biphenyl	64		65		40-140	2		30
4-Chloroaniline	54		47		40-140	14		30
2-Nitroaniline	77		78		52-143	1		30
3-Nitroaniline	59		52		25-145	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1900605-2 WG1900605-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
4-Nitroaniline	57		59		51-143	3		30
Dibenzofuran	57		58		40-140	2		30
2-Methylnaphthalene	61		61		40-140	0		30
1,2,4,5-Tetrachlorobenzene	64		65		2-134	2		30
Acetophenone	68		66		39-129	3		30
2,4,6-Trichlorophenol	75		74		30-130	1		30
p-Chloro-m-cresol	68		70		23-97	3		30
2-Chlorophenol	59		57		27-123	3		30
2,4-Dichlorophenol	68		66		30-130	3		30
2,4-Dimethylphenol	49		51		30-130	4		30
2-Nitrophenol	80		77		30-130	4		30
4-Nitrophenol	37		40		10-80	8		30
2,4-Dinitrophenol	72		74		20-130	3		30
4,6-Dinitro-o-cresol	78		81		20-164	4		30
Pentachlorophenol	71		70		9-103	1		30
Phenol	33		32		12-110	3		30
2-Methylphenol	52		50		30-130	4		30
3-Methylphenol/4-Methylphenol	49		48		30-130	2		30
2,4,5-Trichlorophenol	72		72		30-130	0		30
Benzoic Acid	38		23		10-164	**49**	Q	30
Benzyl Alcohol	56		55		26-116	2		30
Carbazole	63		66		55-144	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Semivolatiles by EPA 1312 - Westborough Lab Associated sample(s): 01-02 Batch: WG1900605-2 WG1900605-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		43		21-120
Phenol-d6	32		30		10-120
Nitrobenzene-d5	73		70		23-120
2-Fluorobiphenyl	64		65		15-120
2,4,6-Tribromophenol	77		82		10-120
4-Terphenyl-d14	63		69		41-149

METALS

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-01
Client ID: M3-SPLP
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 03/24/24 16:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab											
Aluminum, SPLP	2.40		mg/l	0.100	0.0318	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Antimony, SPLP	ND		mg/l	0.0500	0.0071	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Arsenic, SPLP	ND		mg/l	0.0050	0.0019	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Barium, SPLP	0.180		mg/l	0.0100	0.0021	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Beryllium, SPLP	ND		mg/l	0.0050	0.0009	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Cadmium, SPLP	ND		mg/l	0.0050	0.0010	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Calcium, SPLP	190.		mg/l	0.100	0.0350	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Chromium, SPLP	0.0030	J	mg/l	0.0100	0.0021	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Cobalt, SPLP	ND		mg/l	0.0100	0.0017	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Copper, SPLP	0.0089	J	mg/l	0.0100	0.0022	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Iron, SPLP	0.0157	J	mg/l	0.0500	0.0090	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Lead, SPLP	ND		mg/l	0.0100	0.0027	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Magnesium, SPLP	ND		mg/l	0.100	0.0153	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Manganese, SPLP	ND		mg/l	0.0100	0.0016	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Mercury, SPLP	ND		mg/l	0.00020	0.00009	1	03/26/24 15:15	03/27/24 13:39	EPA 7470A	1,7470A	MJR
Nickel, SPLP	0.0059	J	mg/l	0.0250	0.0024	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Potassium, SPLP	8.37		mg/l	2.50	0.237	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Selenium, SPLP	ND		mg/l	0.0100	0.0035	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Silver, SPLP	ND		mg/l	0.0070	0.0028	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Sodium, SPLP	16.2		mg/l	2.00	0.120	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Thallium, SPLP	ND		mg/l	0.0200	0.0025	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Vanadium, SPLP	ND		mg/l	0.0100	0.0020	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC
Zinc, SPLP	ND		mg/l	0.0500	0.0021	1	03/26/24 19:58	03/27/24 14:27	EPA 3015	1,6010D	DMC

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

SAMPLE RESULTS

Lab ID: L2415142-02
Client ID: M4-SPLP
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/19/24 14:30
Date Received: 03/20/24
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 03/24/24 16:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab											
Aluminum, SPLP	2.86		mg/l	0.100	0.0318	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Antimony, SPLP	ND		mg/l	0.0500	0.0071	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Arsenic, SPLP	ND		mg/l	0.0050	0.0019	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Barium, SPLP	0.122		mg/l	0.0100	0.0021	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Beryllium, SPLP	ND		mg/l	0.0050	0.0009	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Cadmium, SPLP	ND		mg/l	0.0050	0.0010	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Calcium, SPLP	190.		mg/l	0.100	0.0350	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Chromium, SPLP	0.0036	J	mg/l	0.0100	0.0021	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Cobalt, SPLP	ND		mg/l	0.0100	0.0017	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Copper, SPLP	0.0064	J	mg/l	0.0100	0.0022	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Iron, SPLP	0.0270	J	mg/l	0.0500	0.0090	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Lead, SPLP	ND		mg/l	0.0100	0.0027	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Magnesium, SPLP	ND		mg/l	0.100	0.0153	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Manganese, SPLP	ND		mg/l	0.0100	0.0016	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Mercury, SPLP	ND		mg/l	0.00020	0.00009	1	03/26/24 15:15	03/27/24 13:49	EPA 7470A	1,7470A	MJR
Nickel, SPLP	0.0045	J	mg/l	0.0250	0.0024	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Potassium, SPLP	10.3		mg/l	2.50	0.237	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Selenium, SPLP	ND		mg/l	0.0100	0.0035	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Silver, SPLP	ND		mg/l	0.0070	0.0028	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Sodium, SPLP	15.4		mg/l	2.00	0.120	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Thallium, SPLP	ND		mg/l	0.0200	0.0025	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Vanadium, SPLP	ND		mg/l	0.0100	0.0020	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC
Zinc, SPLP	ND		mg/l	0.0500	0.0021	1	03/26/24 19:58	03/27/24 13:27	EPA 3015	1,6010D	DMC

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab for sample(s): 01-02 Batch: WG1900854-1										
Aluminum, SPLP	ND		mg/l	0.100	0.0318	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Antimony, SPLP	ND		mg/l	0.0500	0.0071	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Arsenic, SPLP	ND		mg/l	0.0050	0.0019	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Barium, SPLP	ND		mg/l	0.0100	0.0021	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Beryllium, SPLP	ND		mg/l	0.0050	0.0009	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Cadmium, SPLP	ND		mg/l	0.0050	0.0010	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Calcium, SPLP	ND		mg/l	0.100	0.0350	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Chromium, SPLP	ND		mg/l	0.0100	0.0021	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Cobalt, SPLP	ND		mg/l	0.0100	0.0017	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Copper, SPLP	ND		mg/l	0.0100	0.0022	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Iron, SPLP	ND		mg/l	0.0500	0.0090	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Lead, SPLP	ND		mg/l	0.0100	0.0027	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Magnesium, SPLP	ND		mg/l	0.100	0.0153	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Manganese, SPLP	ND		mg/l	0.0100	0.0016	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Nickel, SPLP	ND		mg/l	0.0250	0.0024	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Potassium, SPLP	ND		mg/l	2.50	0.237	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Selenium, SPLP	ND		mg/l	0.0100	0.0035	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Silver, SPLP	ND		mg/l	0.0070	0.0028	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Sodium, SPLP	0.206	J	mg/l	2.00	0.120	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Thallium, SPLP	ND		mg/l	0.0200	0.0025	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Vanadium, SPLP	ND		mg/l	0.0100	0.0020	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC
Zinc, SPLP	ND		mg/l	0.0500	0.0021	1	03/26/24 19:58	03/27/24 14:16	1,6010D	DMC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 03/24/24 16:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
SPLP Metals by EPA 1312 - Mansfield Lab for sample(s): 01-02 Batch: WG1900855-1										
Mercury, SPLP	ND		mg/l	0.00020	0.00009	1	03/26/24 15:15	03/27/24 13:22	1,7470A	MJR

Project Name: OSSINING ISS
Project Number: 11498-0
Lab Number: L2415142
Report Date: 03/27/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 03/24/24 16:07

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2415142

Report Date: 03/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1900854-2								
Aluminum, SPLP	102		-		80-120	-		
Antimony, SPLP	103		-		80-120	-		
Arsenic, SPLP	99		-		80-120	-		
Barium, SPLP	104		-		80-120	-		
Beryllium, SPLP	106		-		80-120	-		
Cadmium, SPLP	98		-		80-120	-		
Calcium, SPLP	102		-		80-120	-		
Chromium, SPLP	106		-		80-120	-		
Cobalt, SPLP	100		-		80-120	-		
Copper, SPLP	96		-		80-120	-		
Iron, SPLP	111		-		80-120	-		
Lead, SPLP	100		-		80-120	-		
Magnesium, SPLP	102		-		80-120	-		
Manganese, SPLP	104		-		80-120	-		
Nickel, SPLP	102		-		80-120	-		
Potassium, SPLP	105		-		80-120	-		
Selenium, SPLP	98		-		80-120	-		
Silver, SPLP	106		-		80-120	-		
Sodium, SPLP	106		-		80-120	-		
Thallium, SPLP	100		-		80-120	-		
Vanadium, SPLP	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2415142

Report Date: 03/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1900854-2					
Zinc, SPLP	99	-	80-120	-	
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1900855-2					
Mercury, SPLP	92	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1900854-3 QC Sample: L2415142-01 Client ID: M3-SPLP												
Aluminum, SPLP	2.40	2	4.43	102		-	-		75-125	-		20
Antimony, SPLP	ND	0.5	0.525	105		-	-		75-125	-		20
Arsenic, SPLP	ND	0.12	0.125	104		-	-		75-125	-		20
Barium, SPLP	0.180	2	2.20	101		-	-		75-125	-		20
Beryllium, SPLP	ND	0.05	0.0511	102		-	-		75-125	-		20
Cadmium, SPLP	ND	0.053	0.0512	97		-	-		75-125	-		20
Calcium, SPLP	190.	10	199	90		-	-		75-125	-		20
Chromium, SPLP	0.0030J	0.2	0.205	102		-	-		75-125	-		20
Cobalt, SPLP	ND	0.5	0.493	99		-	-		75-125	-		20
Copper, SPLP	0.0089J	0.25	0.244	98		-	-		75-125	-		20
Iron, SPLP	0.0157J	1	1.07	107		-	-		75-125	-		20
Lead, SPLP	ND	0.53	0.516	97		-	-		75-125	-		20
Magnesium, SPLP	ND	10	9.40	94		-	-		75-125	-		20
Manganese, SPLP	ND	0.5	0.496	99		-	-		75-125	-		20
Nickel, SPLP	0.0059J	0.5	0.503	101		-	-		75-125	-		20
Potassium, SPLP	8.37	10	18.7	103		-	-		75-125	-		20
Selenium, SPLP	ND	0.12	0.125	104		-	-		75-125	-		20
Silver, SPLP	ND	0.05	0.0523	105		-	-		75-125	-		20
Sodium, SPLP	16.2	10	26.7	105		-	-		75-125	-		20
Thallium, SPLP	ND	0.12	0.113	94		-	-		75-125	-		20
Vanadium, SPLP	ND	0.5	0.499	100		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1900854-3 QC Sample: L2415142-01 Client ID: M3-SPLP									
Zinc, SPLP	ND	0.5	0.492	98	-	-	75-125	-	20
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1900855-3 QC Sample: L2415142-01 Client ID: M3-SPLP									
Mercury, SPLP	ND	0.005	0.00440	88	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1900854-4 QC Sample: L2415142-01 Client ID: M3-SPLP						
Aluminum, SPLP	2.40	2.48	mg/l	3		20
Antimony, SPLP	ND	ND	mg/l	NC		20
Arsenic, SPLP	ND	ND	mg/l	NC		20
Barium, SPLP	0.180	0.186	mg/l	3		20
Beryllium, SPLP	ND	ND	mg/l	NC		20
Cadmium, SPLP	ND	ND	mg/l	NC		20
Calcium, SPLP	190.	194	mg/l	2		20
Chromium, SPLP	0.0030J	0.0030J	mg/l	NC		20
Cobalt, SPLP	ND	ND	mg/l	NC		20
Copper, SPLP	0.0089J	0.0090J	mg/l	NC		20
Iron, SPLP	0.0157J	0.0210J	mg/l	NC		20
Lead, SPLP	ND	ND	mg/l	NC		20
Magnesium, SPLP	ND	ND	mg/l	NC		20
Manganese, SPLP	ND	ND	mg/l	NC		20
Nickel, SPLP	0.0059J	0.0061J	mg/l	NC		20
Potassium, SPLP	8.37	8.67	mg/l	4		20
Selenium, SPLP	ND	ND	mg/l	NC		20
Silver, SPLP	ND	ND	mg/l	NC		20
Sodium, SPLP	16.2	16.7	mg/l	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-0

Lab Number: L2415142

Report Date: 03/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1900854-4 QC Sample: L2415142-01 Client ID: M3-SPLP					
Thallium, SPLP	ND	ND	mg/l	NC	20
Vanadium, SPLP	ND	ND	mg/l	NC	20
Zinc, SPLP	ND	ND	mg/l	NC	20
SPLP Metals by EPA 1312 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1900855-4 QC Sample: L2415142-01 Client ID: M3-SPLP					
Mercury, SPLP	ND	ND	mg/l	NC	20

Project Name: OSSINING ISS
Project Number: 11498-0

Lab Number: L2415142
Report Date: 03/27/24

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(*)
L2415142-01A	Other container unpreserved	A	NA		5.2	Y	Absent		SPLP-EXT-ZHE(14)
L2415142-01A1	Glass 500ml unpreserved split	NA	NA			Y	Absent		-
L2415142-01V	Plastic 250ml HNO3 preserved Extracts	A	NA		5.2	Y	Absent		AG-PI(180),K-PI(180),NA-PI(180),CO-PI(180),SE-PI(180),MG-PI(180),SB-PI(180),CU-PI(180),ZN-PI(180),NI-PI(180),MN-PI(180),TL-PI(180),BA-PI(180),BE-PI(180),CA-PI(180),V-PI(180),CR-PI(180),PB-PI(180),FE-PI(180),AL-PI(180),AS-PI(180),CD-PI(180),HG-P(28)
L2415142-01W	Amber 1000ml unpreserved Extracts	A	NA		5.2	Y	Absent		SPLP-8270(14)
L2415142-01X	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		SPLP-VOA(14)
L2415142-01X9	Tumble Vessel	A	NA		5.2	Y	Absent		-
L2415142-01Y	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		SPLP-VOA(14)
L2415142-01Z	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		SPLP-VOA(14)
L2415142-02A	Other container unpreserved	A	NA		5.2	Y	Absent		SPLP-EXT-ZHE(14)
L2415142-02A1	Glass 500ml unpreserved split	NA	NA			Y	Absent		-
L2415142-02V	Plastic 250ml HNO3 preserved Extracts	A	NA		5.2	Y	Absent		AG-PI(180),K-PI(180),NA-PI(180),SE-PI(180),CO-PI(180),CU-PI(180),MG-PI(180),SB-PI(180),ZN-PI(180),MN-PI(180),NI-PI(180),TL-PI(180),CA-PI(180),CR-PI(180),BA-PI(180),BE-PI(180),PB-PI(180),V-PI(180),FE-PI(180),AL-PI(180),AS-PI(180),HG-P(28),CD-PI(180)
L2415142-02W	Amber 1000ml unpreserved Extracts	A	NA		5.2	Y	Absent		SPLP-8270(14)
L2415142-02X	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		SPLP-VOA(14)
L2415142-02X9	Tumble Vessel	A	NA		5.2	Y	Absent		-
L2415142-02Y	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		SPLP-VOA(14)
L2415142-02Z	Vial unpreserved Extracts	A	NA		5.2	Y	Absent		SPLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	OSSINING ISS	**Lab Number:**	L2415142
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GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2415142
Project Number:	11498-0	**Report Date:**	03/27/24

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA 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

Date Rec'd in Lab: 3/20/24

ALPHA Job #: L2415142

Client Information
Client: SESI Consulting Engineers
Address: 959 US-46 Floor 3, Suite 300
Parsippany-Troy Hills, 07054
Phone: 973-808-9050
Fax:
Email: ad@sesi.org

Project Information
Project Name: Ossining ISS
Project Location: Ossining, NY
Project #: 11498-0
(Use Project name as Project #)
Project Manager: Amine Dahmani
ALPHAQuote #:

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

Deliverables
[ ] ASP-A [✓] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[✓] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[✓] Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
ISS treatability study- two solidified soil samples (4" Long and 2" in Dia) in plastic moulds.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] one
[ ] ab to do
Preservation
[ ] ab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SPLP VOCs	SPLP SVOCs	SPLP TAL metals	Sample Specific Comments
15142-01	M3-SPLP	3/19/24	2:30 p.m.	soil	AD	x	x	x	
-02	M4-SPLP	3/19/24	2:30 p.m.	soil	AD	x	x	x	

Container Type: O O O
Preservative: A A A

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

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
Amine Dahmani	3/20/2024 10:45 a.m.		3-20-24 10:45
VC	3-20-24 18:30	VC	3.20.24 18:30
	3.20.24 20:15		3/20/24 2015

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)

No ice

ANALYTICAL REPORT

Lab Number:	L2416329
Client:	Soils Engineering Services, Inc. 959 Route 46E Parsippany, NJ 07054
ATTN:	Amine Dahmani
Phone:	(973) 808-9050
Project Name:	OSSINING ISS
Project Number:	11498-24
Report Date:	04/02/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2416329-01	M3-ANS	WATER	OSSINING, NY	03/24/24 13:45	03/26/24
L2416329-02	M4-ANS	WATER	OSSINING, NY	03/24/24 15:05	03/26/24

Project Name:	OSSINING ISS	**Lab Number:**	L2416329
Project Number:	11498-24	**Report Date:**	04/02/24

Case Narrative

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

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

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

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

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2416329
Project Number:	11498-24	**Report Date:**	04/02/24

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.

Semivolatile Organics by SIM

L2416329-01D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2416329-01D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%) and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 04/02/24

ORGANICS

VOLATILES

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01 D
Client ID: M3-ANS
Sample Location: OSSINING, NY

Date Collected: 03/24/24 13:45
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/29/24 03:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	4.8		ug/l	2.5	0.80	5
Toluene	5.2	J	ug/l	12	3.5	5
Ethylbenzene	4.2	J	ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01 D Date Collected: 03/24/24 13:45

Client ID: M3-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	4.5	J	ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	4.5	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	49		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	1000		ug/l	12	3.5	5

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01 D Date Collected: 03/24/24 13:45

Client ID: M3-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	6.5	J	ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	4.0	J	ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5
Tentatively Identified Compounds						
Total TIC Compounds	220	J	ug/l			5
Unknown Aromatic	50.0	J	ug/l			5
Unknown	22.3	J	ug/l			5
Unknown Aromatic	49.8	J	ug/l			5
Unknown Aromatic	67.4	J	ug/l			5
Unknown Aromatic	30.6	J	ug/l			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02 D
Client ID: M4-ANS
Sample Location: OSSINING, NY

Date Collected: 03/24/24 15:05
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/29/24 03:59
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	6.8	J	ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	0.79	J	ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	1.4	J	ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
1,3-Dichloropropene, Total	ND		ug/l	2.5	0.72	5
1,1-Dichloropropene	ND		ug/l	12	3.5	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	5.0		ug/l	2.5	0.80	5
Toluene	5.8	J	ug/l	12	3.5	5
Ethylbenzene	4.4	J	ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	ND		ug/l	12	3.5	5
Vinyl chloride	ND		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	ND		ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	ND		ug/l	12	3.5	5

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02 D Date Collected: 03/24/24 15:05

Client ID: M4-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	4.7	J	ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
Xylenes, Total	4.7	J	ug/l	12	3.5	5
cis-1,2-Dichloroethene	ND		ug/l	12	3.5	5
1,2-Dichloroethene, Total	ND		ug/l	12	3.5	5
Dibromomethane	ND		ug/l	25	5.0	5
1,2,3-Trichloropropane	ND		ug/l	12	3.5	5
Acrylonitrile	ND		ug/l	25	7.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	42		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
Vinyl acetate	ND		ug/l	25	5.0	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
2,2-Dichloropropane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,3-Dichloropropane	ND		ug/l	12	3.5	5
1,1,1,2-Tetrachloroethane	ND		ug/l	12	3.5	5
Bromobenzene	ND		ug/l	12	3.5	5
n-Butylbenzene	ND		ug/l	12	3.5	5
sec-Butylbenzene	ND		ug/l	12	3.5	5
tert-Butylbenzene	ND		ug/l	12	3.5	5
o-Chlorotoluene	ND		ug/l	12	3.5	5
p-Chlorotoluene	ND		ug/l	12	3.5	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Hexachlorobutadiene	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
p-Isopropyltoluene	ND		ug/l	12	3.5	5
Naphthalene	810		ug/l	12	3.5	5

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02 D Date Collected: 03/24/24 15:05

Client ID: M4-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
1,3,5-Trimethylbenzene	ND		ug/l	12	3.5	5
1,2,4-Trimethylbenzene	5.2	J	ug/l	12	3.5	5
1,4-Dioxane	ND		ug/l	1200	300	5
p-Diethylbenzene	ND		ug/l	10	3.5	5
p-Ethyltoluene	ND		ug/l	10	3.5	5
1,2,4,5-Tetramethylbenzene	ND		ug/l	10	2.7	5
Ethyl ether	ND		ug/l	12	3.5	5
trans-1,4-Dichloro-2-butene	ND		ug/l	12	3.5	5
Tentatively Identified Compounds						
Total TIC Compounds	186	J	ug/l			5
Unknown Aromatic	45.8	J	ug/l			5
Unknown Aromatic	13.9	J	ug/l			5
Unknown Aromatic	56.4	J	ug/l			5
Indane	25.5	NJ	ug/l			5
Unknown Aromatic	44.7	J	ug/l			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 20:23
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1902431-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 20:23
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1902431-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 20:23
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1902431-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 20:23
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1902431-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1902431-3 WG1902431-4								
Methylene chloride	90		88		70-130	2		20
1,1-Dichloroethane	96		96		70-130	0		20
Chloroform	90		90		70-130	0		20
Carbon tetrachloride	85		87		63-132	2		20
1,2-Dichloropropane	92		93		70-130	1		20
Dibromochloromethane	85		87		63-130	2		20
1,1,2-Trichloroethane	89		92		70-130	3		20
Tetrachloroethene	88		88		70-130	0		20
Chlorobenzene	90		91		75-130	1		20
Trichlorofluoromethane	88		86		62-150	2		20
1,2-Dichloroethane	92		93		70-130	1		20
1,1,1-Trichloroethane	92		92		67-130	0		20
Bromodichloromethane	87		88		67-130	1		20
trans-1,3-Dichloropropene	86		88		70-130	2		20
cis-1,3-Dichloropropene	85		86		70-130	1		20
1,1-Dichloropropene	97		96		70-130	1		20
Bromoform	73		74		54-136	1		20
1,1,2,2-Tetrachloroethane	89		91		67-130	2		20
Benzene	92		92		70-130	0		20
Toluene	93		93		70-130	0		20
Ethylbenzene	93		93		70-130	0		20
Chloromethane	95		95		64-130	0		20
Bromomethane	40		43		39-139	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1902431-3 WG1902431-4								
Vinyl chloride	91		88		55-140	3		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	79		79		61-145	0		20
trans-1,2-Dichloroethene	90		88		70-130	2		20
Trichloroethene	89		86		70-130	3		20
1,2-Dichlorobenzene	87		88		70-130	1		20
1,3-Dichlorobenzene	88		89		70-130	1		20
1,4-Dichlorobenzene	88		91		70-130	3		20
Methyl tert butyl ether	80		81		63-130	1		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	88		89		70-130	1		20
Dibromomethane	85		86		70-130	1		20
1,2,3-Trichloropropane	87		89		64-130	2		20
Acrylonitrile	89		92		70-130	3		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	87		85		36-147	2		20
Acetone	81		92		58-148	13		20
Carbon disulfide	89		87		51-130	2		20
2-Butanone	92		93		63-138	1		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	84		87		59-130	4		20
2-Hexanone	82		84		57-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1902431-3 WG1902431-4								
Bromochloromethane	84		86		70-130	2		20
2,2-Dichloropropane	98		96		63-133	2		20
1,2-Dibromoethane	89		91		70-130	2		20
1,3-Dichloropropane	93		94		70-130	1		20
1,1,1,2-Tetrachloroethane	84		87		64-130	4		20
Bromobenzene	85		86		70-130	1		20
n-Butylbenzene	95		94		53-136	1		20
sec-Butylbenzene	92		92		70-130	0		20
tert-Butylbenzene	88		89		70-130	1		20
o-Chlorotoluene	94		96		70-130	2		20
p-Chlorotoluene	93		96		70-130	3		20
1,2-Dibromo-3-chloropropane	72		74		41-144	3		20
Hexachlorobutadiene	78		78		63-130	0		20
Isopropylbenzene	92		92		70-130	0		20
p-Isopropyltoluene	88		89		70-130	1		20
Naphthalene	75		76		70-130	1		20
n-Propylbenzene	95		95		69-130	0		20
1,2,3-Trichlorobenzene	71		74		70-130	4		20
1,2,4-Trichlorobenzene	75		76		70-130	1		20
1,3,5-Trimethylbenzene	90		91		64-130	1		20
1,2,4-Trimethylbenzene	89		90		70-130	1		20
1,4-Dioxane	104		104		56-162	0		20
p-Diethylbenzene	86		85		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1902431-3 WG1902431-4								
p-Ethyltoluene	92		92		70-130	0		20
1,2,4,5-Tetramethylbenzene	74		75		70-130	1		20
Ethyl ether	75		77		59-134	3		20
trans-1,4-Dichloro-2-butene	92		94		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		111		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	105		105		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01
Client ID: M3-ANS
Sample Location: OSSINING, NY

Date Collected: 03/24/24 13:45
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/30/24 15:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	4.2		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01 Date Collected: 03/24/24 13:45

Client ID: M3-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	1.6	J	ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.4	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	5.8	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	3.5		ug/l	2.0	0.49	1

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01 Date Collected: 03/24/24 13:45

Client ID: M3-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	112	J	ug/l			1
Unknown PAH	2.94	J	ug/l			1
Unknown	2.91	J	ug/l			1
Unknown	3.49	J	ug/l			1
Unknown	5.78	J	ug/l			1
Unknown Naphthalene	4.91	J	ug/l			1
Unknown Naphthalene	6.62	J	ug/l			1
Naphthalene, 2-methyl-	3.16	NJ	ug/l			1
Unknown Naphthalene	11.1	J	ug/l			1
Unknown PAH	9.49	J	ug/l			1
Unknown Organic Acid	8.76	J	ug/l			1
Unknown Pyridine	2.80	J	ug/l			1
Unknown Organic Acid	6.76	J	ug/l			1
Unknown	16.4	J	ug/l			1
Unknown	23.0	J	ug/l			1
Unknown Naphthalene	4.25	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	50		41-149

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01 D
Client ID: M3-ANS
Sample Location: OSSINING, NY

Date Collected: 03/24/24 13:45
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/01/24 16:54
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	47		ug/l	2.5	0.36	25
2-Chloronaphthalene	ND		ug/l	5.0	0.45	25
Fluoranthene	5.0		ug/l	2.5	0.51	25
Hexachlorobutadiene	ND		ug/l	12	1.2	25
Naphthalene	830		ug/l	2.5	1.2	25
Benzo(a)anthracene	0.95	J	ug/l	2.5	0.50	25
Benzo(a)pyrene	ND		ug/l	2.5	0.37	25
Benzo(b)fluoranthene	ND		ug/l	2.5	0.29	25
Benzo(k)fluoranthene	ND		ug/l	2.5	0.22	25
Chrysene	0.63	J	ug/l	2.5	0.30	25
Acenaphthylene	63		ug/l	2.5	0.30	25
Anthracene	9.3		ug/l	2.5	0.36	25
Benzo(ghi)perylene	ND		ug/l	2.5	0.34	25
Fluorene	33		ug/l	2.5	0.36	25
Phenanthrene	40		ug/l	2.5	0.58	25
Dibenzo(a,h)anthracene	ND		ug/l	2.5	0.32	25
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.5	0.30	25
Pyrene	6.2		ug/l	2.5	0.48	25
2-Methylnaphthalene	170		ug/l	2.5	0.55	25
Pentachlorophenol	ND		ug/l	20	0.36	25
Hexachlorobenzene	ND		ug/l	20	0.23	25
Hexachloroethane	ND		ug/l	20	1.6	25

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01 D
Client ID: M3-ANS
Sample Location: OSSINING, NY

Date Collected: 03/24/24 13:45
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	21-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	15-120
2,4,6-Tribromophenol	**0**	Q	10-120
4-Terphenyl-d14	**0**	Q	41-149

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02
Client ID: M4-ANS
Sample Location: OSSINING, NY

Date Collected: 03/24/24 15:05
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/30/24 16:19
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	4.5		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02 Date Collected: 03/24/24 15:05

Client ID: M4-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	1.8	J	ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	1.5	J	ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	5.1	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	4.4		ug/l	2.0	0.49	1

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02 Date Collected: 03/24/24 15:05

Client ID: M4-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	167	J	ug/l			1
Unknown	7.42	J	ug/l			1
Unknown Pyridine	5.89	J	ug/l			1
Unknown Pyridine	4.80	J	ug/l			1
Unknown	24.9	J	ug/l			1
Unknown Biphenyl	18.2	J	ug/l			1
Unknown Naphthalene	4.87	J	ug/l			1
Unknown Naphthalene	6.14	J	ug/l			1
Unknown Organic Acid	18.9	J	ug/l			1
Unknown	19.6	J	ug/l			1
Unknown Ketone	4.44	J	ug/l			1
Unknown Organic Acid	18.2	J	ug/l			1
Unknown PAH	10.3	J	ug/l			1
Unknown	5.53	J	ug/l			1
Unknown Naphthalene	12.1	J	ug/l			1
Unknown	5.38	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	52		41-149

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02
Client ID: M4-ANS
Sample Location: OSSINING, NY

Date Collected: 03/24/24 15:05
Date Received: 03/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/31/24 02:23
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	15		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.3		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	160	E	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.11		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.11		ug/l	0.10	0.01	1
Acenaphthylene	15		ug/l	0.10	0.01	1
Anthracene	2.8		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	9.9		ug/l	0.10	0.01	1
Phenanthrene	13		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	1.5		ug/l	0.10	0.02	1
2-Methylnaphthalene	40		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: OSSINING ISS **Lab Number:** L2416329

Project Number: 11498-24 **Report Date:** 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02 Date Collected: 03/24/24 15:05

Client ID: M4-ANS Date Received: 03/26/24

Sample Location: OSSINING, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	**40**	Q	41-149

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02 D
Client ID: M4-ANS
Sample Location: OSSINING, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/01/24 14:58
Analyst: JJW

Date Collected: 03/24/24 15:05
Date Received: 03/26/24
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 21:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Naphthalene	300		ug/l	0.50	0.24	5

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/30/24 09:00
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 20:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1902710-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/30/24 09:00
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 20:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1902710-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/30/24 09:00
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 20:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1902710-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Tentatively Identified Compounds			
Total TIC Compounds	11.4	J	ug/l
Unknown Organic Acid	2.40	J	ug/l
Unknown	1.45	J	ug/l
Unknown	2.18	J	ug/l
Unknown	2.98	J	ug/l
Unknown Organic Acid	2.36	J	ug/l

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/30/24 09:00
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 20:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1902710-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	51		41-149

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/30/24 18:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 20:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1902711-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.05	J	ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/30/24 18:40
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/29/24 20:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1902711-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	**40**	Q	41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1902710-2 WG1902710-3								
Acenaphthene	55		56		37-111	2		30
1,2,4-Trichlorobenzene	47		50		39-98	6		30
Hexachlorobenzene	53		55		40-140	4		30
Bis(2-chloroethyl)ether	46		49		40-140	6		30
2-Chloronaphthalene	50		54		40-140	8		30
1,2-Dichlorobenzene	48		51		40-140	6		30
1,3-Dichlorobenzene	48		49		40-140	2		30
1,4-Dichlorobenzene	48		50		36-97	4		30
3,3'-Dichlorobenzidine	52		58		40-140	11		30
2,4-Dinitrotoluene	58		60		48-143	3		30
2,6-Dinitrotoluene	54		60		40-140	11		30
Fluoranthene	58		59		40-140	2		30
4-Chlorophenyl phenyl ether	55		57		40-140	4		30
4-Bromophenyl phenyl ether	58		61		40-140	5		30
Bis(2-chloroisopropyl)ether	59		63		40-140	7		30
Bis(2-chloroethoxy)methane	50		56		40-140	11		30
Hexachlorobutadiene	50		51		40-140	2		30
Hexachlorocyclopentadiene	64		69		40-140	8		30
Hexachloroethane	50		50		40-140	0		30
Isophorone	52		57		40-140	9		30
Naphthalene	49		52		40-140	6		30
Nitrobenzene	50		52		40-140	4		30
NDPA/DPA	58		61		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1902710-2 WG1902710-3								
n-Nitrosodi-n-propylamine	51		57		29-132	11		30
Bis(2-ethylhexyl)phthalate	75		79		40-140	5		30
Butyl benzyl phthalate	66		68		40-140	3		30
Di-n-butylphthalate	65		68		40-140	5		30
Di-n-octylphthalate	78		80		40-140	3		30
Diethyl phthalate	61		66		40-140	8		30
Dimethyl phthalate	57		62		40-140	8		30
Benzo(a)anthracene	62		60		40-140	3		30
Benzo(a)pyrene	64		62		40-140	3		30
Benzo(b)fluoranthene	66		66		40-140	0		30
Benzo(k)fluoranthene	59		54		40-140	9		30
Chrysene	57		58		40-140	2		30
Acenaphthylene	52		56		45-123	7		30
Anthracene	58		59		40-140	2		30
Benzo(ghi)perylene	64		59		40-140	8		30
Fluorene	55		57		40-140	4		30
Phenanthrene	55		56		40-140	2		30
Dibenzo(a,h)anthracene	65		61		40-140	6		30
Indeno(1,2,3-cd)pyrene	69		66		40-140	4		30
Pyrene	57		57		26-127	0		30
Biphenyl	54		59		40-140	9		30
4-Chloroaniline	45		51		40-140	13		30
2-Nitroaniline	54		59		52-143	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1902710-2 WG1902710-3								
3-Nitroaniline	50		56		25-145	11		30
4-Nitroaniline	52		54		51-143	4		30
Dibenzofuran	54		57		40-140	5		30
2-Methylnaphthalene	50		53		40-140	6		30
1,2,4,5-Tetrachlorobenzene	52		54		2-134	4		30
Acetophenone	59		62		39-129	5		30
2,4,6-Trichlorophenol	60		68		30-130	13		30
p-Chloro-m-cresol	58		62		23-97	7		30
2-Chlorophenol	51		56		27-123	9		30
2,4-Dichlorophenol	58		64		30-130	10		30
2,4-Dimethylphenol	52		57		30-130	9		30
2-Nitrophenol	60		66		30-130	10		30
4-Nitrophenol	54		54		10-80	0		30
2,4-Dinitrophenol	69		71		20-130	3		30
4,6-Dinitro-o-cresol	70		72		20-164	3		30
Pentachlorophenol	61		66		9-103	8		30
Phenol	37		40		12-110	8		30
2-Methylphenol	50		54		30-130	8		30
3-Methylphenol/4-Methylphenol	52		56		30-130	7		30
2,4,5-Trichlorophenol	57		63		30-130	10		30
Benzoic Acid	39		46		10-164	16		30
Benzyl Alcohol	46		51		26-116	10		30
Carbazole	57		58		55-144	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1902710-2 WG1902710-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		45		21-120
Phenol-d6	35		38		10-120
Nitrobenzene-d5	50		54		23-120
2-Fluorobiphenyl	47		51		15-120
2,4,6-Tribromophenol	63		67		10-120
4-Terphenyl-d14	53		56		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1902711-2 WG1902711-3								
Acenaphthene	64		63		40-140	2		40
2-Chloronaphthalene	55		55		40-140	0		40
Fluoranthene	61		58		40-140	5		40
Hexachlorobutadiene	63		61		40-140	3		40
Naphthalene	58		57		40-140	2		40
Benzo(a)anthracene	76		73		40-140	4		40
Benzo(a)pyrene	62		60		40-140	3		40
Benzo(b)fluoranthene	66		61		40-140	8		40
Benzo(k)fluoranthene	59		59		40-140	0		40
Chrysene	68		66		40-140	3		40
Acenaphthylene	55		54		40-140	2		40
Anthracene	67		65		40-140	3		40
Benzo(ghi)perylene	59		57		40-140	3		40
Fluorene	64		62		40-140	3		40
Phenanthrene	66		63		40-140	5		40
Dibenzo(a,h)anthracene	58		56		40-140	4		40
Indeno(1,2,3-cd)pyrene	64		62		40-140	3		40
Pyrene	60		58		40-140	3		40
2-Methylnaphthalene	56		55		40-140	2		40
Pentachlorophenol	81		78		40-140	4		40
Hexachlorobenzene	77		74		40-140	4		40
Hexachloroethane	57		56		40-140	2		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1902711-2 WG1902711-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		51		21-120
Phenol-d6	43		43		10-120
Nitrobenzene-d5	64		65		23-120
2-Fluorobiphenyl	52		51		15-120
2,4,6-Tribromophenol	86		84		10-120
4-Terphenyl-d14	44		42		41-149

METALS

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-01
Client ID: M3-ANS
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Water

Date Collected: 03/24/24 13:45
Date Received: 03/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.60		mg/l	0.0100	0.00327	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Antimony, Total	0.00047	J	mg/l	0.00400	0.00042	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00115		mg/l	0.00050	0.00016	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Barium, Total	0.1604		mg/l	0.00050	0.00017	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Calcium, Total	100.		mg/l	0.100	0.0394	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00232		mg/l	0.00100	0.00017	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00182		mg/l	0.00050	0.00016	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Copper, Total	0.3788		mg/l	0.01000	0.00384	10	03/28/24 13:06	03/31/24 17:43	EPA 3005A	1,6020B	WKP
Iron, Total	0.632		mg/l	0.0500	0.0191	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Lead, Total	0.00417		mg/l	0.00100	0.00034	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Magnesium, Total	1.15		mg/l	0.0700	0.0242	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Manganese, Total	0.01505		mg/l	0.00100	0.00044	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00009	J	mg/l	0.00020	0.00009	1	03/28/24 14:45	04/01/24 12:06	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00912		mg/l	0.00200	0.00055	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Potassium, Total	20.4		mg/l	0.100	0.0309	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Sodium, Total	62.5		mg/l	0.100	0.0293	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.00228	J	mg/l	0.00500	0.00157	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP
Zinc, Total	0.02770		mg/l	0.01000	0.00341	1	03/28/24 13:06	03/31/24 16:28	EPA 3005A	1,6020B	WKP

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

SAMPLE RESULTS

Lab ID: L2416329-02
Client ID: M4-ANS
Sample Location: OSSINING, NY
Sample Depth:
Matrix: Water

Date Collected: 03/24/24 15:05
Date Received: 03/26/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.83		mg/l	0.0100	0.00327	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00038	J	mg/l	0.00050	0.00016	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Barium, Total	0.1204		mg/l	0.00050	0.00017	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Calcium, Total	92.7		mg/l	0.100	0.0394	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00160		mg/l	0.00100	0.00017	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00069		mg/l	0.00050	0.00016	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Copper, Total	0.2169		mg/l	0.01000	0.00384	10	03/28/24 13:06	03/31/24 17:48	EPA 3005A	1,6020B	WKP
Iron, Total	0.151		mg/l	0.0500	0.0191	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Lead, Total	0.00119		mg/l	0.00100	0.00034	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Magnesium, Total	1.21		mg/l	0.0700	0.0242	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Manganese, Total	0.00515		mg/l	0.00100	0.00044	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/28/24 14:45	04/01/24 12:18	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00415		mg/l	0.00200	0.00055	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Potassium, Total	24.5		mg/l	0.100	0.0309	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Sodium, Total	73.1		mg/l	0.100	0.0293	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP
Zinc, Total	0.01391		mg/l	0.01000	0.00341	1	03/28/24 13:06	03/31/24 16:32	EPA 3005A	1,6020B	WKP

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1901943-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Chromium, Total	0.00084	J	mg/l	0.00100	0.00017	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/28/24 13:06	03/31/24 15:23	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1901945-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/28/24 14:45	04/01/24 11:50	1,7470A	MJR

Project Name: OSSINING ISS
Project Number: 11498-24
Lab Number: L2416329
Report Date: 04/02/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1901943-2								
Aluminum, Total	104		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	106		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	95		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	104		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	98		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1901943-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1901945-2					
Mercury, Total	115	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1901943-3 QC Sample: L2416076-01 Client ID: MS Sample												
Aluminum, Total	0.078	2	2.08	100		-	-		75-125	-		20
Antimony, Total	0.0033J	0.5	0.5201	104		-	-		75-125	-		20
Arsenic, Total	0.0016	0.12	0.1249	103		-	-		75-125	-		20
Barium, Total	0.0864	2	2.053	98		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05100	102		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05398	102		-	-		75-125	-		20
Calcium, Total	312	10	337	**250**	Q	-	-		75-125	-		20
Chromium, Total	0.0024	0.2	0.2012	99		-	-		75-125	-		20
Cobalt, Total	0.0179	0.5	0.5119	99		-	-		75-125	-		20
Copper, Total	0.0087	0.25	0.2652	103		-	-		75-125	-		20
Iron, Total	0.033J	1	1.00	100		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5311	100		-	-		75-125	-		20
Magnesium, Total	110	10	124	**140**	Q	-	-		75-125	-		20
Manganese, Total	0.0245	0.5	0.5286	101		-	-		75-125	-		20
Nickel, Total	0.02276	0.5	0.5193	99		-	-		75-125	-		20
Potassium, Total	19.8	10	29.6	98		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.119	99		-	-		75-125	-		20
Silver, Total	ND	0.05	0.04982	100		-	-		75-125	-		20
Sodium, Total	389	10	412	**230**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1270	106		-	-		75-125	-		20
Vanadium, Total	0.0082	0.5	0.4997	98		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1901943-3 QC Sample: L2416076-01 Client ID: MS Sample									
Zinc, Total	0.0103	0.5	0.5129	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1901945-3 QC Sample: L2415941-04 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00420	84	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: OSSINING ISS

Project Number: 11498-24

Lab Number: L2416329

Report Date: 04/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1901943-4 QC Sample: L2416076-01 Client ID: DUP Sample						
Nickel, Total	0.02276	0.02342	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1901945-4 QC Sample: L2415941-04 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Project Name: OSSINING ISS
Project Number: 11498-24

Lab Number: L2416329
Report Date: 04/02/24

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(*)
L2416329-01A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2416329-01B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2416329-01C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2416329-01D	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2416329-01E	Amber 250ml unpreserved	A	12	12	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2416329-01F	Amber 250ml unpreserved	A	12	12	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2416329-02A	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2416329-02B	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2416329-02C	Vial HCl preserved	A	NA		2.6	Y	Absent		NYTCL-8260(14)
L2416329-02D	Plastic 250ml HNO3 preserved	A	<2	<2	2.6	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2416329-02E	Amber 250ml unpreserved	A	12	12	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2416329-02F	Amber 250ml unpreserved	A	12	12	2.6	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	OSSINING ISS	**Lab Number:**	L2416329
Project Number:	11498-24	**Report Date:**	04/02/24

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OSSINING ISS	**Lab Number:**	L2416329
Project Number:	11498-24	**Report Date:**	04/02/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	OSSINING ISS	**Lab Number:**	L2416329
Project Number:	11498-24	**Report Date:**	04/02/24

Data Qualifiers

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

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Project Name:	OSSINING ISS	**Lab Number:**	L2416329
Project Number:	11498-24	**Report Date:**	04/02/24

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA 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

Date Rec'd in Lab: 3/26/24

ALPHA Job #: L0416309

Client Information

Client: SESI Consulting Engineers
Address: 959 US-46 Floor 3, Suite 300
Parsippany-Troy Hills, 07054
Phone: 973-808-9050
Fax:
Email: ad@sesi.org

Project Information

Project Name: Ossining ISS
Project Location: Ossining, NY
Project #: 11498-24
(Use Project name as Project #): ☐
Project Manager: Amine Dahmani
ALPHAQuote #:

Turn-Around Time

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

Deliverables

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

Billing Information

☑ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

VOCs | SVOCs | TAL metals

Sample Filtration
☐ one
☐ ab to do
Preservation
☐ ab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL metals	Sample Specific Comments
L0416309 01	M3-ANS	3/24/24	1:45 p.m.	water	AD	x	x	x	
02	M4-ANS	3/24/24	3:05 p.m.	water	AD	x	x	x	

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

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

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

Container Type: V | A | P | | | | | |
Preservative: B | | C | | | | | |

Relinquished By:	Date/Time	Received By:	Date/Time
Amine Dahmani	3/26/24		3-26-24 11:45
	3-26-24 18:25		3.26.24 18:25
	3.26.24 20:10		3/26/24 2010

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)

Appendix B:

NYSDEC Correspondence

From: Jalanti, Caroline B (DEC)
To: Sheng Long, LSRP
Cc: Maloney, Kerry A (DEC); Fuad Dahan, PE, LSRP; Andrei Dirle; Craig Malkin; Michael Burke; William Luposello
Subject: Re: C360172 - Pilot C - Change of Mixing Formula
Date: Wednesday, April 30, 2025 12:19:00 PM
Attachments: ATT00001.png
ATT00002.png
ATT00003.png
ATT00004.png
ATT00005.png
ATT00006.png
ATT00007.png
ATT00008.png
ATT00009.png
ATT00010.png

CAUTION !! This E-Mail originated from outside the organization. Confirm it is from a legitimate E-Mail address. If uncertain - do not click links or open attachments unless you contact the sender and know the content is safe.

Sheng,

Thank you for following up on this mix adjustment.

As discussed with Fuad yesterday, this adjustment is acceptable and I have no further questions.

Caroline Jalanti

Get Outlook for iOS

From: Sheng Long, LSRP <sheng.long@sesi.org>
Sent: Wednesday, April 30, 2025 9:55:55 AM
To: Jalanti, Caroline B (DEC) <Caroline.Jalanti@dec.ny.gov>
Cc: Maloney, Kerry A (DEC) <kerry.maloney@dec.ny.gov>; fd@sesi.org <fd@sesi.org>; Andrei Dirle <andrei.dirle@sesi.org>; Craig Malkin <cmalkin@griffonllc.com>; Michael Burke <mburke@griffonllc.com>; William Luposello <wluposello@griffonllc.com>
Subject: C360172 - Pilot C - Change of Mixing Formula

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

Caroline-

Based on field observations, a darker mix color was noted at Pilot-C during mixing compared to the previous pilot. Following discussions with DEC and Renova, it was recommended to add 12 batches of GGBFS, totaling 33,600 pounds, to achieve an approximate1:1 ratio with the Portland cement.

The modified mix for Pilot C now consists of 6% Portland cement and 6% GGBFS.

Please advise and thank you for your prompt support.

Sheng Long, LSRP
Project Engineer
sheng.long@sesi.org
973-808-9050 Ext 278
862-702-5724
959 Route 46E Floor 3, Suite 300,
Parsippany, NJ 07054

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To:	Christopher C. Malvicini
Cc:	William Luposello; Craig Malkin; Chris Hahn; Fuad Dahan, PE, LSRP; Andrei Dirle; Jose M. Rodriguez, PE; Sheng Long, LSRP; James Wendling; Michael Burke; Maloney, Kerry A (DEC); Pratt, Gerald H (DEC); Wharram, Nicolus G (DEC)
Subject:	RE: Site No C360172 - Activities Schedule week of 5/5
Date:	Thursday, May 8, 2025 1:48:56 PM
Attachments:	image001.png image002.png image003.png image004.png image005.png image006.png image007.png image008.png image009.png image010.png image011.png

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Thank you for the quick reply.

The scope of work is acceptable. Please document the scope deviation (adding test pits) and findings in the final Pilot Study Report.

CAROLINE JALANTI, P.E. *(she/her/hers)*
Professional Engineer 1
New York State Department of Environmental Conservation
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Chris,

My assumption is the blue squares on the attached figure denote the planned test pit locations, is this correct?

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Hi Caroline,

Below please find the details regarding the planned delineation work at Pilot Cell J(B) below:
The proposed plan below is to:

a. Delineate the horizontal and vertical extent of the observed debris in Pilot J(B);
b. Determine if the tank bottom is still present and if so, the extent; and
c. Develop a remediation plan for Pilot J (B) based on the findings of this investigation.

Based on the test pit probing conducted on April 30, 2025, Pilot Cell J(B) was found to predominantly consist of construction debris (e.g. bricks, stones and concrete chunks). We propose to delineate the horizontal extent of the debris using test pits, while actively using odor and dust controls:

- Starting on the northern side of Piot J(B) a line of test pits (20 ft apart from each other) will be conducted

approximately 10-ft away from Pilot J(A) as shown in the attached. Test pits will be conducted at centers in the eastern and western directions until significant debris is no longer observed or until reaching the property boundary. The test pits will also be conducted southward to the extent of the Pilot J(B). The test pits will be at minimum 20-ft separation in the south direction or to the extent of the test pit. See the attached plan with planned test pit locations.

- The width of each test pit will be limited to the bucket width to the extent possible.
- Each test pit will be extended to a depth of the tank bottom, if present, to confirm its presence and its extent.
- Dewatering by pumping water directly from the excavation will be conducted as needed to facilitate the observations and the investigative work.
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- Odor control foam will be applied at each test pit and at any temporary soil stockpiles, as needed.
- Each test pit will be backfilled immediately upon completion, with the same material to minimize exposure before proceeding to the next location.
- Each test pit will be continuously logged and observation of any free product, PID readings and odors will be reported.
- The approximate location and depth of each test pit will be measured to determine the extent of the encountered debris and the tank bottom.
- All work will be conducted under the CAMP and HASP of the approved RAWP

This investigation will be conducted with an excavator and no direct push-drilling methods will be used. Direct-push drilling methods are likely to encounter frequent refusal due to debris. Additionally, previous borings installed by Arcadis (attached) were not conclusive on the nature and extent of the debris or the nature and extent and the presence of the tank bottoms.
Please let us know if you have any questions and if this plan is acceptable to proceed with this investigation.

Thanks,
Chris

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Subject: Site No C360172 - Activities Schedule week of 5/5

Hi Caroline,

Please see the planned site schedule for this week through Monday next week.

Date		Activities	Disposal Facility	Trucks	Status
Monday	**5/5/2025**	Stream Diversion Installation			
Tuesday	**5/6/2025**	Stream Diversion Installation			
		Breakup 2-1,2-2,2-3 Slab			
		Breakup concrete from MGP-4 Cell			
		Backfill Pilot Cell C			
Wednesday	**5/7/2025**	Breakup 2-1,2-2,2-3 Slab			
		Export MGP-4 Lead Cell Material	WM-Emelle		
		Load out North Side Soils			
Thursday	**5/8/2025**	Stream Diversion Installation			
		Export MGP-4 Lead Cell Material	WM-Emelle		
		Load out North Side Soils			
Friday	**5/9/2025**	Stream Diversion Installation			
		Export MGP-4 Lead Cell Material	WM-Emelle		
		Mix 2-2 or 2-3			
		Load out North Side Soils			
Monday	**5/12/2025**	Stream Diversion Installation			
		Coring Pilot Cell C			
		Investigate Area J Holder Wall			
		Mix 2-2 or 2-3			
		Load out North Side Soils			

Please also note that we have drilling scheduled on Thursday 5/15 to delineate excavations noted in the RDWP. We will provide a workplan for this shortly.

Please let us know if you have any questions.

Thanks,
Chris

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Subject:	RE: Site No C360172 - Activities Schedule week of 5/5
Date:	Monday, May 19, 2025 3:32:02 PM
Attachments:	image001.png image002.png image003.png image004.png image005.png image006.png image007.png image008.png image009.png image010.png image011.png

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Yes, it is acceptable to defer the work related to Pilot Cell J(B).

Based on field reporting and the findings of QA/QC coring in Pilot-C, the goals of the Pilot Study have been achieved.

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To: Jalanti, Caroline B (DEC) <Caroline.Jalanti@dec.ny.gov>; Christopher C. Malvicini <chris.malvicini@sesi.org>
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Subject: RE: Site No C360172 - Activities Schedule week of 5/5

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Hi Caroline,

We are requesting that the scope described below for the pre-clearing/investigation of the Piot-J(B) be completed under the full scale work. If this change is approved, we can submit the pilot study report in which we will mention that the Pilot J (B) will be pre-cleared/investigated and remediated under the full scale work and the RDWP.

Please let me know if this acceptable.

Regards,

Fuad Dahan, PE, LSRP
Principal

fd@sesi.org
862-702-5719
973-747-9567
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Parsippany, NJ 07054

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The scope of work is acceptable. Please document the scope deviation (adding test pits) and findings in the final Pilot Study Report.

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- Starting on the northern side of Piot J(B) a line of test pits (20 ft apart from each other) will be conducted approximately 10-ft away from Pilot J(A) as shown in the attached. Test pits will be conducted at centers in the eastern and western directions until significant debris is no longer observed or until reaching the property boundary. The test pits will also be conducted southward to the extent of the Pilot J(B). The test pits will be at minimum 20-ft separation in the south direction or to the extent of the test pit. See the attached plan with planned test pit locations.
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Please also note that we have drilling scheduled on Thursday 5/15 to delineate excavations noted in the RDWP. We will provide a workplan for this shortly.

Please let us know if you have any questions.

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959 Route 46E Floor 3, Suite 300,
Parsippany, NJ 07054

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Appendix C:

Batch Plant Data

																Need							As-Built		
Cell	Surface Area SF	Depth in ft.	CY	Dry Tons 1.45	Swell Depth	Swell CY	Swell TON	Net Treat Tons	Tons of Slag at 2.0%	Percent of Waste - Slag	Slag w/Waste	Tons of Portland at 6.0%	Percent of Waste - Portland	Portland w/Waste	Weight of Slag Per Batch	Weight of Portland Per Batch	Batches @ 200 gpb & 3200 lbs Reagent	Cell		Date Mixed	Batches Sent	Water per Batch 200	Tons of Slag Used	Tons of Portland Used
PILOT-C	771	9.5	271	393	0.00	0	0	393	7.87	100%	7.87	23.60	100%	23.60	800	2400	**20**	PILOT-C		4/29/2025	20	4000	8.00	24.00
PILOT-C	771	9.5	271	393	0.00	0	0	393	15.73	100%	15.73	0.00	100%	0.00	2800	0	**12**	PILOT-C	(SLAG ONLY)	4/29/2025	12	2400	16.80	0.00
PILOT-J(A)	607	12.5	281	407	0.00	0	0	407	8.15	100%	8.15	24.45	100%	24.45	800	2400	**22**	PILOT-J(A)		2/24/2025	22	4400	8.80	26.40
PILOT-D	1233	11	502	728	0.00	0	0	728	14.57	100%	14.57	43.71	100%	43.71	800	2400	**37**	PILOT-D		2/11/2025 - 2/12/25	37	7400	14.80	44.40
PILOT-H	738	11	301	436	0.00	0	0	436	8.72	100%	8.72	26.15	100%	26.15	800	2400	**22**	PILOT-H		2/7/2025	22	4400	8.80	26.40

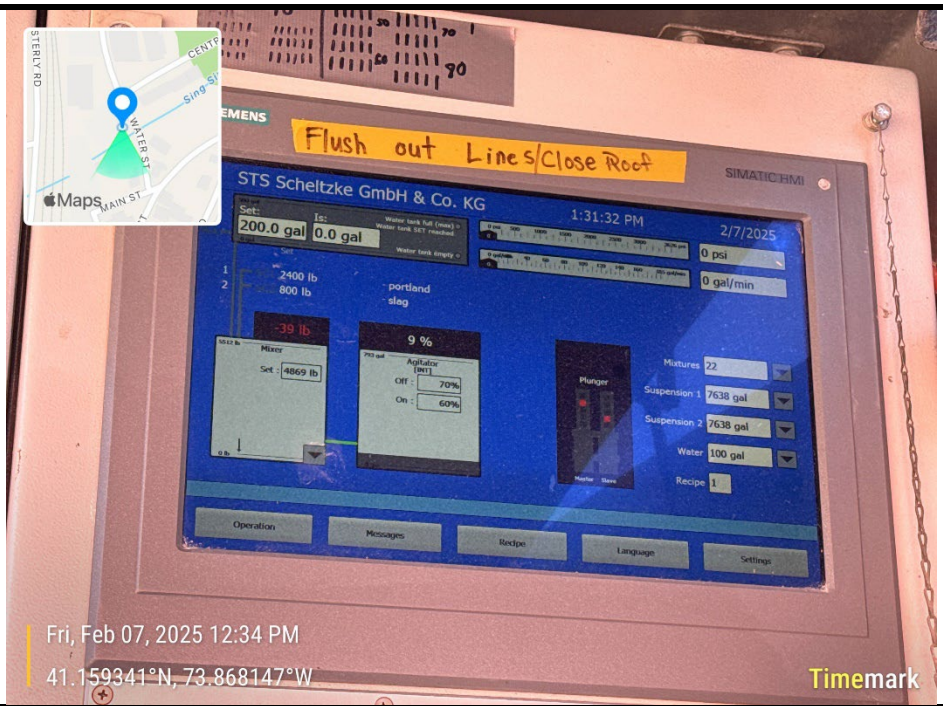


Photo 1: Pilot-H (02/07/2025)



Photo 2: Pilot-D (02/11/2025)



Photo 3: Pilot-D Slag (02/12/2025)



Photo 4: Pilot-D PC continued from batch 5 of Photo 3 (02/12/2025)



Photo 5: Pilot-J(A) (02/24/2025)



Photo 6: Pilot-C (2% Slag, 6% PC) (02/29/2025)



Photo 7: Pilot-C (+4% Slag) (02/29/2025)

Appendix D:

Daily Field Reports – During Mixing Operations

SESI
CONSULTING ENGINEERS

Geotechnical
Foundations
Land Planning
Geo-Structural
Environmental
Water Resources

Principals:

Anthony Castillo, PE
Fuad Dahan, PhD, PE, LSRP
Franz Laki, PE
John M. Nederfield, PE
Justin M. Protasiewicz, PE
Michael St. Pierre, PE
Jose M. Rodriguez, PE

February 11, 2025

Ms. Caroline Jalanti, Professional Engineer I
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

RE: Daily Progress Report – February 7, 2025
Former Ossining Works Site, Operable Unit 1 (OU-1) Site (C360172)
30 Water Street, Ossining, New York
SESI Project No. 11498

Dear Ms. Jalanti:

On behalf of our Client, WB 30 Water Street, LLC (the Volunteer"), SESI Consulting Engineers (SESI) has prepared this Daily Progress Report (DPR) at the request of the New York Department of Environmental Conservation (NYSDEC) regarding construction activities at the above referenced Site. This DPR includes the following:

1. Weather and general details;
2. Actions conducted during the reporting period;
3. Summary of all samples collected for any media;
4. Anticipated actions for the next reporting period;
5. Unresolved delays or issues encountered or anticipated that may affect the schedule and efforts to mitigate such issues/delays; and,
6. Community Air Monitoring Program (CAMP) activities.

SESI performed or coordinated the performance of the activities listed below.

1. GENERAL DETAILS

- The weather was observed to be partly cloudy and 34-40 degrees F.
- The contractors included two (2) staff members from Griffon Construction, ten (10) staff members from Renova, one (1) NYSDEC inspector, one (1) representative from Arcadis, one (1) representative from one (1) courier from PACE, one (1) representative from KSCJ Consulting (town of Ossining representative), one (1) staff member from SESI.

2. ACTIONS CONDUCTED DURING FEBRUARY 7, 2025

- On the southeast portion of the site, within pilot program area H (ISS-H), In-Situ Stabilization (ISS) operations were performed. Prior to operations commencing, four (4) locations and elevations, adjacent to the corners of the excavation, were recorded by Renova, with their GPS rover, and a measuring tape to confirm that the excavation had removed the proposed quantity of soil.
- Up to 5 feet of soil was excavated from ISS-H/Pilot H and the amendments were added per the table below. Larger material was removed from the mix and stockpiled properly for disposal.
- See **Attachment C** and the summary table below.

Table 1. ISS Pilot Grid Amendments

ISS Area	Grid	Volume of Soil Treated (CY)	Mass of PC (Tons)	Mass of GGBFS (Tons)
ISS-H	Pilot H	301	26.4	8.8
ISS-D	Pilot D			
ISS-J	Pilot J			

3. SUMMARY OF SAMPLE COLLECTION

- Renova collected two (2) sets of cylinders, ten (10) cylinders per set as noted in the table below.

Table 2. ISS Pilot Grid Sample Collection

ISS Area	Grid	Sample 1 depth collected (feet)	Sample 2 depth collected (feet)	UCS Results >50 psi	Permeability Results <10-6 cm/sec
ISS-H	Pilot H	6-8	12-14	TBD	TBD
ISS-D	Pilot D				
ISS-J	Pilot J				

4. ANTICIPATED ACTIONS FOR FEBRUARY 10, 2025

- Excavation of the surficial 5 ft-bgs of soil within pilot area D of ISS-D (Renova).
- Lead delineation of ISS-M for waste characterization (SESI/Renova).

5. DELAYS OR MODIFICATIONS TO THE SCHEDULE

None.

6. CAMP ACTIVITIES

Community air monitoring has been conducted for the above-mentioned “Actions conducted during February 7, 2025” per the CAMP. Two (2) air monitor stations (AMSs) were located downwind, and one (1) AMS was located upwind of the site’s location. The AMSs were at these locations to monitor areas that are more vulnerable to any dust or vapor generated from the work. During the day No visible dust was observed to be generated, and foam odor suppressants were

used as needed during the ISS operations. No dust or PID exceedances were recorded associated with the Site work operations (**Attachment D**).

If you have any questions or need additional information, please feel free to call.

Sincerely,
SESI CONSULTING ENGINEERS D.P.C.

Chris Malvicini

Chris Malvicini
Assistant Project Manager

Attachments:
A – Photographs
B – General Site Plan
C – Cell Layout
D – CAMP Data

Attachment A – Photographs

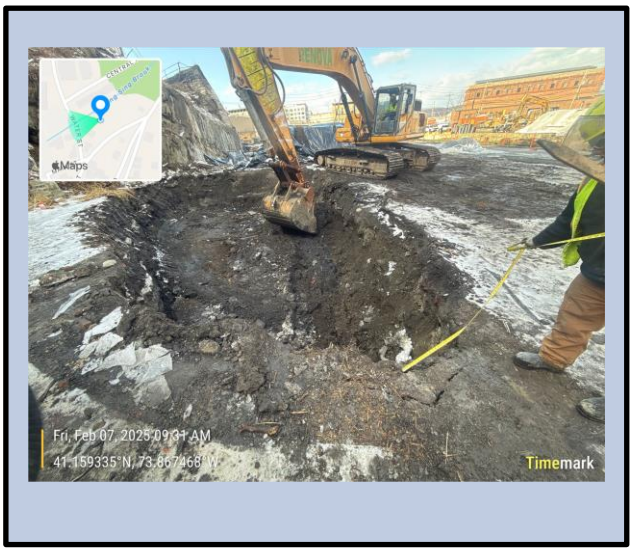


Photo #1

Sample view of south-east portion of the site, excavation measurement observations, facing west



Photo #2

Sample view of southeast portion of the Site, pilot area H ISS observations, facing west



Photo #3

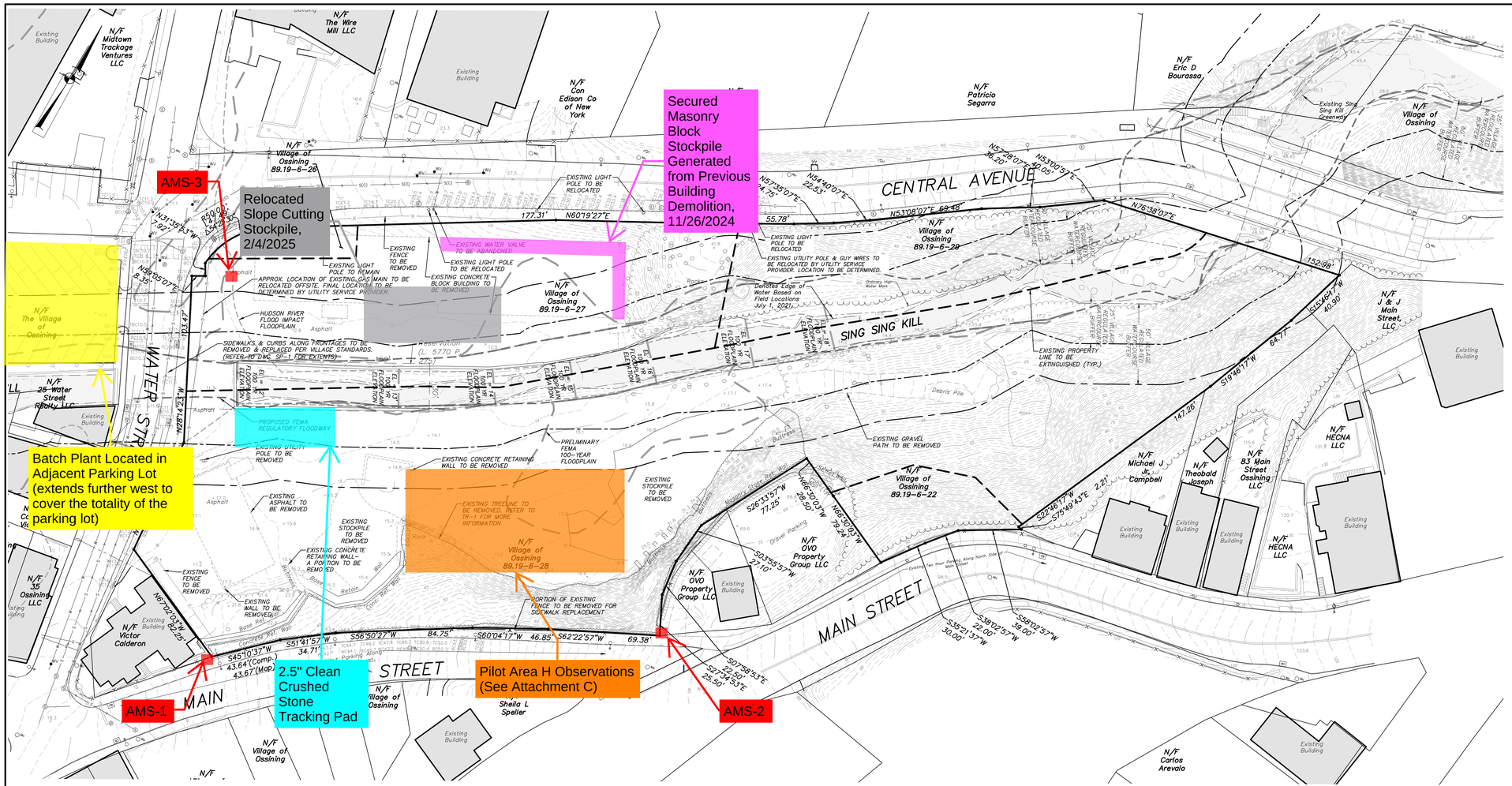
Sample view of sampling ISS-H, facing south

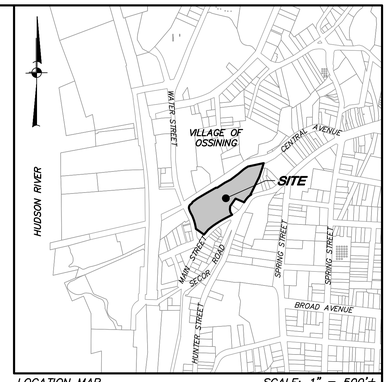


Photo #4

Sample view of southeast portion of the site, AMS-2, facing west

Attachment B – General Site Plan





LOCATION MAP — SCALE: 1" = 500'±

OWNER:
VILLAGE OF OSSINING
16 CROTON AVENUE
OSSINING, NY 10562

APPLICANT:
WBP DEVELOPMENT, LLC
480 BEDFORD ROAD
CHAPPAQUA, NY 10514-1715

SITE DATA:

Zone:	PW-b (Central Waterfront-Transit)
Total Acreage	3.2 AC ±
Tax Map No.:	89.19-6-22
	89.19-6-26
	89.19-6-27
	89.19-6-28
	89.19-6-29

ZONE PW-b BULK ZONING REQUIREMENTS (See notes below for Variances Granted)

	REQUIRED/ PERMITTED		EXISTING		PROPOSED LOT 1		PROPOSED LOT 2 (PROPOSED OPEN SPACE LOT)
Setbacks:							
Minimum Lot Area (s.f.):	40,000 s.f.		3.2 AC ± (139,395 s.f. ±)		2.1 AC ± (89,551 s.f. ±)		1.1 AC ± (49,844 s.f. ±)
Building Width and Open Area (ft.); Section 270-23(F)(2)	Shall not exceed 50% of the width of the parcel (Lot Width x 50% = Building Width)		Permitted: 250'x50%=125'		Permitted: 252'x50%=126'		N/A
			Existing: 47'		Provided: 125.33'		
	No structure or building shall exceed 75'		47'		71.5'		N/A
	One uninterrupted space shall be at least 30% of parcel width (250'x30%=75')		194'±		69.8' (Variance granted)		N/A
No Building or part thereof shall be situated within: Section 270-23(D)	20 ft. of any street or 15 ft. of any lot line		10' (Street) 2' (Lot Line)		7.5' (Parking Structure to Street-Variance granted) 0' (Parking Structure to Lot Line-Variance granted) 18.4' (Residential Building to Lot Line) (2 Variances granted)		N/A
Minimum Setback for Parking or Loading Areas from Street or Lot Line (ft.); Section 270-23(D)	10 ft.		0' (Lot Line)		0' (For Parking Structure to Lot Line) (Variance granted)		N/A
Minimum distance between any two Buildings (except Attached Dwellings sharing a Party Wall)(ft.):	50 ft.		N/A		62.5'		N/A
Maximum spacing between Pedestrian Building Entrances on Main, Secor, Central and Water Street Frontages (ft.):	70 ft.; entrances must be useable for ingress and egress by building users	Water Street	N/A	N/A	N/A		N/A
		Central Avenue	N/A	N/A	N/A (Parking garage)		N/A
		Main Street	N/A	N/A	N/A (Parking garage)		N/A
Maximum Parking along Street Frontage:	30% of total street frontage for any given lot along Water Street, Central Ave, Main and Secor Street (Lot 1) Water Street = 198' x 0.3 = 59' Central Avenue = 348.6' x 0.3 = 104.6 (Lot 1) Main Street = 370' x 0.3 = 111'	Water Street	N/A	N/A	32ft (Variance granted)		N/A
		Central Avenue	348.6' Lot 1		73ft (Variance granted)		N/A
		Main Street	356'		N/A		N/A
Residential Requirements:							
Density (3):	15 units per acre pursuant to §270-23		N/A		N/A		N/A
Density (Special Permit Application) (3):	**Baseline density: 22 units per acre up to 32 dwelling units per acre pursuant to §270-23. 125 units (see calculation below)		N/A		109 (2)		
Bedroom Mix:	One-bedroom units or studios: 10% of total units, two-bedroom units: 20% of total units		N/A		40-One Bedroom (37%) 60-Two Bedroom (55%) 9-Three Bedroom (8%)		
Heights:							
Maximum Building Height:	No building shall extend more than 4.0 stories or 48 ft. from either the average elevation of the proposed finished grade of the site or the curbline on Water Street, Central Avenue, State Street, Main Street and Secor Road, whichever is greater; no building shall extend more than 1.0 story or 16 ft. above Market or Hunter Streets		Less than 48'		Less than 48' – Refer to Mixed Use Building Elevation prepared by Beyer Blinder Belle Architects & Planners LLP dated 4-7-22		N/A
Coverage:							
Maximum Impervious Coverage:	60%		19.2%		65.9% (Variance granted)		5.9%
Maximum Building Coverage:	40%		7.5%		38.3%		N/A
Open Space:							
Minimum Open Space:	15% of Lot Area		50%		49%		100%
VARIANCES NEEDED FOR LOT 1:	REQUIRED:				PROVIDED:		
Section 270-23(F)(3)a. Habitable floor area for the proposed residential apartments.	1-bedroom: 600 S.F. 2-bedroom: 750 S.F. 3-bedroom: 1,000 S.F.				490 S.F. (Variance granted) 655 S.F. (Variance granted) 823 S.F.(Variance granted)		N/A N/A N/A
Section 270-28(C)b. Where feasible access to lots having frontage on more than one street shall be from a non-residential street.	See column to left				Access provided from Water St. and Central Ave.		Variance to allow access from Water St. and Central Ave.
Section 270-28(F)a. Not providing 25-foot buffer on each side of watercourse.	25'				0'		25'
Section 270-30(A)(3)a. Having Parking in front yard.	Assumed 15'				0'		15'
Section 270-30(A)(6)a. Proposing to install a driveway entrance within 50 feet of an intersection.	50'				39.5'		10.5'
Section 270-30(A)(9)a. Proposing parking on the first floor extending a minimum of 40 feet back from the building line.	40' from building				0'		40'

(1) Uninterrupted space requirement can be excluded if the planning board determines the structure to be irrelevant to preserving view corridors either to or from the Hudson River.

(2) Pursuant to section 270-23 I (4), the following has been incorporated into the site plan in pursuit of a density bonus:
- 270-23 I (4)(b) – Provision of Public Park or Public Open Space.
- 270-23 I (4)(d) – Use of Green Building Techniques.
- 270-23 I (4)(e) – Brownfields Remediation.
- 270-23 I (4)(f) – Contribution to non-site related infrastructure improvements.
- 270-23 I (4)(h) – Stream bank restoration or stabilization.
- An additional 15% increase in density is permitted based on the provision of affordable housing.
- Pursuant to section 270-23 I (8), the total property area or 3.2 acres was used to establish the permitted density.
- Special permit density= 32x3.2=102 units.
- Additional 15% density permitted by providing affordable housing= 102x15%=15 units.
- Total permitted density= 102+15=117 units.

(3) The density calculations have been based on the full 3.2 acre area.

(4) Noted variances were granted by the Village of Ossining Zoning Board of Appeals on November 29, 2022.
(5) A parking variance was granted by the Zoning Board of Appeals on December 12, 2023 for the use of the proposed spaces.
(6) A variance was granted by the Zoning Board of Appeals on December 12, 2023 for exceeding the maximum 6% grade permitted within 25 feet of the street line.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING PROPERTY LINE TO BE EXTINGUISHED
- EXISTING BUILDING
- EXISTING BUILDING TO BE REMOVED
- EXISTING STONE & MASONRY RETAINING WALL
- EXISTING CONCRETE CURB
- EXISTING RETAINING WALL
- PRELIMINARY FEMA 100-YEAR FLOODPLAIN
- EXISTING HUDSON RIVER FLOOD IMPACT FLOODPLAIN
- EXISTING 50' VILLAGE REGULATED WATERCOURSE BUFFER
- EXISTING 25' VILLAGE REGULATED WATERCOURSE BUFFER PER §270-28F
- EXISTING WATERCOURSE
- EXISTING TREELINE
- EXISTING CROSSWALK
- EXISTING FENCE TO BE REMOVED
- EXISTING PARKING STRIPING
- EXISTING UTILITY POLE
- EXISTING UTILITY POLE TO BE REMOVED
- EXISTING POST MOUNTED LIGHT
- EXISTING OVERHEAD WIRE
- EXISTING VILLAGE OF OSSINING SEWER MAIN
- EXISTING COUNTY SEWER MAIN
- EXISTING UNDERGROUND WATER MAIN
- EXISTING SEWER MANHOLE
- EXISTING HYDRANT
- EXISTING WATER VALVE
- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- EXISTING TREE

GENERAL NOTES:

1. Property line shown hereon is based upon a survey performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed on July 26, 2021.
2. Topography shown hereon is based upon field work conducted by Insite Engineering, Surveying & Landscape Architecture, P.C., completed October 2023 and aerial photography dated December 7, 2017 which is photogrammetrically compiled. Elevations shown hereon conform to the North American Vertical Datum of 1988 (NAVD 88). The contour interval is 1'.
3. Planimetric details shown hereon were derived from Aerial Photography dated December 7, 2017 by GEO Maps International and field work performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed July 2021, February & March 2022, and October 2023.
4. Offsite property lines based on Westchester County GIS, aerial pictometry, and municipal tax mapping.
5. Floodplain elevations and Hudson River Flood Impact lines shown hereon taken from Scenic Hudson, NYS Flood Impact Decision Support System (FIDSS), and the Flood Emergency Management Agency (FEMA).
6. 11 parking spaces are proposed to be eliminated along Central Avenue.
7. All retaining walls are to be designed by a NYS Licensed Professional Engineer prior to issuance of a building permit and the construction of the retaining walls are to be certified by the Design Professional prior to issuance of the certificate of occupancy.

REMOVAL NOTES

1. Prior to submitting the bid, the contractor shall visit the site and familiarize themselves with the site conditions and existing improvements to be removed.
2. The contractor shall provide all removals incidental and necessary to execute the work prescribed in the contract documents. All existing features specified to be removed shall be removed in their entirety unless otherwise authorized in writing by the owner or the project engineer.
3. These drawings are intended to show an overall Limit of Disturbance and general features to be removed. Not all features incidental to the general scope of the site work have been shown to be removed. The contractor shall be responsible for all removals within the limits of both above and below grade features, necessary for the construction of the site improvements shown hereon.
4. Refer to construction sequence prepared by owner for sequence of utility removal and replacement.
5. All underground utility piping (water, sewer, drainage conduits) shall be capped and abandoned in place. All abandoned pipes left in place shall be filled with controlled low strength material (CLSM) sealing both ends. Any exposed utility piping shall be cut and removed such that a minimum of 1' of soil cover is maintained on all pipes that or to be capped and abandoned in place.
6. All building materials shall be demolished and removed from the site.
7. Burying of any demolished building materials on site is prohibited. Building foundations may be crushed and abandoned, filled in and restored in accordance with the project specifications.
8. For any below grade slab or bottom of tank that is to be demolished and abandoned in place, the slab shall be pulverized so that there are no places of concrete remaining that are larger than 3 ft by 3 ft.
9. Remove existing electrical wiring and conduit back to the source panel.
10. Refer to the Project Specifications for hazardous material disposal.

EXCAVATION NOTES:

1. All pavement to be saw cut to its full depth by the contractor prior to excavation.
2. The Contractor shall provide sheeting, shoring, a benched excavation, or a sloped excavation for all excavations 5.0 feet or greater in depth.
3. All sheeting and shoring protective systems used for excavation shall be designed and stamped by a NYS licensed Professional Engineer.
4. Where construction crosses or is adjacent to existing utility lines (fuel, water, gas, telephone, electric or communication), the contractor shall carefully hand excavate so as to locate, mark and protect the utility lines against disturbance or damage by providing adequate support and protection as approved by the Engineer. The contractor shall repair any power or communication interruption immediately, at no additional cost to the owner.
5. Trench excavation outside of temporary construction fence is to be backfilled on the same day as excavation. Temporary orange construction fence is required around these work areas for on going work.
6. All utility trenching in and adjacent to roadways shall be backfilled prior to the end of the work day, unless otherwise authorized by the Engineer. Item 4 shall be temporarily brought to the surface of the utility trench flush with the adjacent pavement and maintained until the final pavement is installed. Road plates, if used, shall be designed to meet H25 loading requirements.
7. Excavations needing to be open greater than a single day on the property shall have 6' temporary chain link fence installed overnight or when no work is being performed at the location. Temporary orange construction fence shall be in place when work is being performed.

WINTER SITE STABILIZATION NOTES:

1. All bare / exposed soils must be stabilized by an established vegetation, straw or mulch, matting, or other approved product such as raised erosion control products.
2. Sediment barriers must be properly installed at all necessary perimeter and sensitive locations.
3. All slopes and grades must be properly stabilized with approved methods. Rolled erosion control products must be used on all slopes greater than 3:1, or where conditions for erosion dictate such measures.
4. Stockpiled soils must be protected by the use of established vegetation, an anchored-down straw or mulch, rolled erosion control product or other durable covering. A barrier must be installed around the pile to prevent erosion away from that location.
5. All entrance / exit locations to the site must be properly stabilized and must be maintained to accommodate snow management as set forth in the NYS Standard and Specifications for Erosion and Sediment Control.
6. Snow management must not destroy or degrade erosion and sediment control devices.

UTILITY NOTES:

1. The locations of existing utilities, water, sewers, and drainage structures have been indicated based on the best available information. It is possible that the actual subsurface utilities and piping may vary from that indicated. Therefore, prior to starting work in any area, the contractor shall take the necessary steps to determine the locations of all existing underground piping, conduit and structures. The contractor shall carry out their operations in such a manner as to prevent interference with lines which are to remain. Any pipe or conduit disturbed in the course of contract shall be repaired by the contractor at no extra cost to the owner.
2. Existing utility locations, sizes and elevations to be verified by contractor prior to the start of construction and any discrepancies reported to the project engineer immediately.
3. Whenever a connection to an existing pipe or structure is shown, the contractor shall confirm existing pipe materials of construction, dimensions, and connection requirement prior to submitting materials for approval.
4. When structures are to be placed on existing utility lines or where the proposed utility lines are assume to cross existing utilities, the contractor shall locate the existing utility and shall verify its existing invert elevation. The contractor shall notify the engineer if different utility invert elevations or locations are revealed by field exploration.
5. Where interference with other utilities or construction are encountered during construction of new utility lines, the contractor may adjust the alignment or invert elevations of that system only at the direction of the project engineer.
6. All existing utilities shall be removed to the main unless otherwise permitted by the utility service provider.
7. It shall be the contractor's responsibility to locate all overhead wires and utility poles, if any, in the vicinity of the proposed work. Furthermore, it is the contractor's responsibility to make the necessary arrangements to perform the work in the vicinity of these overhead wires.
8. The contractor shall exercise extreme caution when working adjacent to active power and communication lines to prevent damage to these lines. The contractor shall hand excavate test pits to expose those lines prior to performing any other excavation work in the area. The contractor is responsible and shall repair at their expense, any power or communication interruption immediately.
9. Should any utility poles require bracing or relocating to accomplish the proposed work, it shall be the contractor's responsibility to make the appropriate arrangements to properly secure or relocate such utility poles. The contractor will not receive any additional payment for utility pole bracing or relocating. The contractor must include any costs for such work within their bid submittal.
10. The location of the proposed electric and gas service lines for the property are approximate and subject to the utility company design. The contractor shall coordinate with the owner and utility service provider(s) to determine the location of the site's electric and gas service connections. The contractor shall be responsible for obtaining all required permits necessary for the installation of utility connections, and shall provide electric service lines to each light in accordance with the owner's direction, manufacturer's specifications, and applicable electric code.
11. The gas, electric and communication utilities shall be installed in accordance with the utility provider specifications including but not limited to providing the proper bedding, cover, and detectable warning tape / tracer wire.
12. All sewer manhole pipe penetrations shall be provided with a waterproof rubber boot and gasket.
13. For cuts and fills are proposed over existing utilities, Site contractor shall protect all utilities whether shown or not shown during earthwork operations. Site contractor shall lower existing utilities as required to maintain adequate cover and adjust access and covers for existing structures to proposed grade.
14. Site contractor shall be responsible for trenching and backfill of electrical (including lighting) and communication conduits, including bedding materials. See electrical drawings for trench details. Electrical contractor shall be responsible for installation of conduit and wiring. Site contractor shall be responsible for setting light pole bases. Electrical contractor shall be responsible for setting light poles, conduit and wiring. Site contractor shall be responsible for installation of transformer pads. Electrical contractor shall be responsible for installation of conduits, transformers and wiring.
15. The location of the existing gas main internal to the site, running parallel with Water Street shown on this drawing is shown as approximate based on utility markout by others. Said gas main is proposed to be removed and relocated off site by the utility service provider. The new location of the gas main is unknown and currently not shown on any site plans prepared by Insite Engineering, Surveying, and Landscape Architecture, P.C.

CONSTRUCTION NOTES:

1. The contractor is advised that additional notes will be found on subsequent drawings and such notes, while pertaining to the specific drawings they are placed in, also supplement the construction notes listed hereon.
2. All work and materials shall be in accordance with these plans and project specifications.
3. The contractor shall notify the Engineer 72 hours prior to start of work.
4. The subject project has coverage under the New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity, permit No. GP-0-20-001. As required by the permit all contractors and subcontractors will be required to sign a certification statement that they understand and agree to comply with the requirements of GP-0-20-001.
5. The contractor shall have a representative onsite that is a NYSDEC Trained Contractor at all times site work is being performed under this contract. The contractor shall provide a contractor's certification as contained in the NYSDEC Construction Site Logbook to the project engineer upon start of construction.
6. The contractor shall coordinate the layout of the work with the owner, and the project engineer, and eliminate all conflicts including but not limited to utility location conflicts, prior to commencement of any proposed work.
7. The contractor shall coordinate their construction operations with the project engineer and any other contractors/subcontractors and construction activities occurring simultaneously on the property.
8. It shall be the contractor's/subcontractor's responsibility to provide sanitary facilities (i.e. porta-johns (and other necessary temporary facilities) throughout the duration of construction.
9. The contractor shall be responsible for providing all power, water, and other resources necessary to complete the project work.
10. Minimum OSHA site standards must be maintained including personal protective equipment and vests. The contractor shall be responsible for guarding and protecting all open excavations in accordance with the latest edition and current OSHA requirements.
11. The contractor shall field verify all dimensions relative to the scope of work.
12. The contractor shall stake out the limits of clearing and it shall be reviewed with the project engineer prior to the start of clearing operations. Existing trees to remain outside the limits of clearing shall be protected per the detail.
13. It shall be the contractor's responsibility to identify and protect all underground utilities. The contractor shall contact Dig Safely New York at 811 or 1-800-962-7962 and any other required utility locators prior to the start of construction.
14. The exact location, size, and type of the existing utilities may differ from what is shown hereon. The contractor shall field verify the location, size and type of the existing utilities by performing a test pit ahead of construction as necessary to permit revisions to meet existing utilities or relocate proposed utilities as required. Horizontal location and elevation of the existing utility as determined by test pit shall be provided to the project engineer.
15. The contractor shall field verify the existing grades / utility locations prior to commencement of any work. Any discrepancy shall be reported to the project engineer when identified.
16. The contractor shall perform all work with care so that any materials which are to remain in place, or which are to remain on the property, shall not be damaged. The contractor will be held responsible for all damage caused to existing utilities / features / facilities / vegetation during execution of the work not proposed to be modified or removed by these plans. All damage to any existing utilities / features / facilities / vegetation not proposed to be modified by the contract shall be repaired or replaced by the contractor to the satisfaction of the owner at no additional cost.
17. Original condition shall mean the condition in which the feature was found (or better) at the start of construction.
18. The contractor shall be responsible for the implementation and maintenance of erosion and sediment controls (shown or not) as necessary to prevent erosion and migration of sediment outside of the contract limit line or into the stormwater collection system. Erosion and sediment controls may include but are not limited to silt fence, stabilized construction entrance, berms and inlet protection. All erosion and sediment controls shall be installed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. Additional erosion and sediment controls may be required during construction by the project engineer. All disturbed areas shall be stabilized in accordance with the Erosion & Sediment Control Notes and details.
19. Silt fence shall be installed parallel to the contours.
20. Contractor is responsible for protecting soil stockpiles, trenches, and building excavations against weather. No additional fee will be paid to the contractor for removal and replacement of suitable soils due to degradation from weather related events.
21. During execution of the work, the contractor shall be responsible for dewatering and control of surface water in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. The New York State Standards and Specifications for Erosion and Sediment Control can be found at http://www.dec.ny.gov/chemical/29066.html.
22. All existing pavement shall be cleaned and swept prior to the completion of construction.
23. The contractor shall provide temporary construction fence for all work areas including the material storage/staging areas.
24. All personal vehicles, materials, and construction equipment must be kept within the construction staging area. Use of additional onsite storage areas must be pre-authorized by the owner of the property.
25. Trees shown on the plans for reference only. All trees and vegetation within the contract limit line shall be removed unless otherwise labeled to be protected and saved. Not all trees to be removed may be shown.
26. Topsoil and subsoil shall be stripped, screened, and stockpiled in locations shown for future use. The contractor must keep enough topsoil onsite for final restoration. Four inches of screened topsoil shall be placed and raked to finish grade over all disturbed areas not covered by pavement, concrete and/or gravel surfaces, unless otherwise noted.
27. The contractor shall maintain existing grades unless otherwise noted.
28. Contractor shall be responsible for removal of all excess rock, topsoil, subsoil, and construction debris from the site.
29. There shall be no burying of construction and demolition (C&D) debris or stumps on site. All C&D debris and stumps must be removed by the contractor, and disposed of in accordance with all pertinent regulations.
30. All proposed concrete drainage structures shall be precast concrete and all structures, frames, and grates are to meet H-20 loading requirements.
31. Design Engineer to approve locations and elevations of all structures prior to placement.
32. Where side drain inlets are proposed the Contractor shall extend the upstream swale to the side inlet of the drainage structure.
33. Unless otherwise shown on the drawings the contractor shall match the material, thickness and quality of all existing pavements that are to be replaced.
34. Temporary asphalt wedges shall be placed in all areas open to vehicular access. The wedges shall be placed on any sudden and significant changes in grade of 1" as a result of construction. All temporary wedges shall be removed prior to placement of asphalt course.
35. The contractor will be responsible for the implementation of all maintenance and protection of traffic (MP&T) measures if necessary. MP&T shall include but not be limited to placement of traffic cones and warning signs around work zone. Safe and adequate pedestrian vehicular traffic flow shall be maintained at all times to the existing buildings, while the work is in progress. The contractor shall submit for approval of the architect, a construction sequence schedule and plan for pedestrian and vehicular traffic flow.
36. A retaining wall design signed and sealed by a NYS licensed Engineer shall be submitted to the Consulting Town Engineer prior to the construction of any wall greater than 4 feet in height.
37. For work/improvements within Village of Ossining right-of-way, should a discrepancy come up between what is specified hereon and the Village of Ossining standards, the Village standard/standard details will control.

PARKING REQUIREMENTS:

Required – Residential		
1 parking space per 1 bedroom unit	40 units x 1.0 =	40 spaces
1.5 parking spaces per 2 bedroom unit	60 units x 1.5 =	90 spaces
1.5 parking spaces per 3 bedroom unit	9 units x 1.5 =	13.5 spaces
		144 spaces
Required – Retail		
1 parking space per 350 s.f.	3,170 s.f. / 350 =	10 spaces
Total Parking Spaces Required:		154 spaces
Total Parking Spaces Provided:		154 spaces

1. A parking allocation for the community space is not provided as it is accommodated in the 1st level of the parking structure.
2. The total parking provided above (154 spaces) does not include level four of the parking structure or on street parking spaces.

NO.	DATE	REVISION	BY
7	8-5-24	REVISED FOR ACOE SUBMISSION	TSM
6	7-31-24	REVISED FOR VILLAGE PLANNING / BAR SUBMISSION	MEU
5	7-25-24	BULLETIN 01	MEU
4	5-22-24	REVISED FOR WCDOH SUBMISSION	TSM
3	4-5-24	100% CONSTRUCTION DOCUMENTS	TSM
2	4-5-24	ISSUED FOR PERMIT REVISION	TSM
1	3-5-24	ISSUED FOR 70% CDs	TSM

INSITE
ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.
3 Garrett Place
Carmel, NY 10512
(845) 225-9690
(845) 225-9717 fax
www.insite-eng.com

PROJECT:
WBP/OSSINING DPW
STATION PLAZA
30 WATER STREET, VILLAGE OF OSSINING, WESTCHESTER COUNTY, N.Y.

DRAWING:
EXISTING CONDITIONS

STATE OF NEW YORK — RICHARD D. WILLIAMS — 095866 — LICENSED PROFESSIONAL ENGINEER

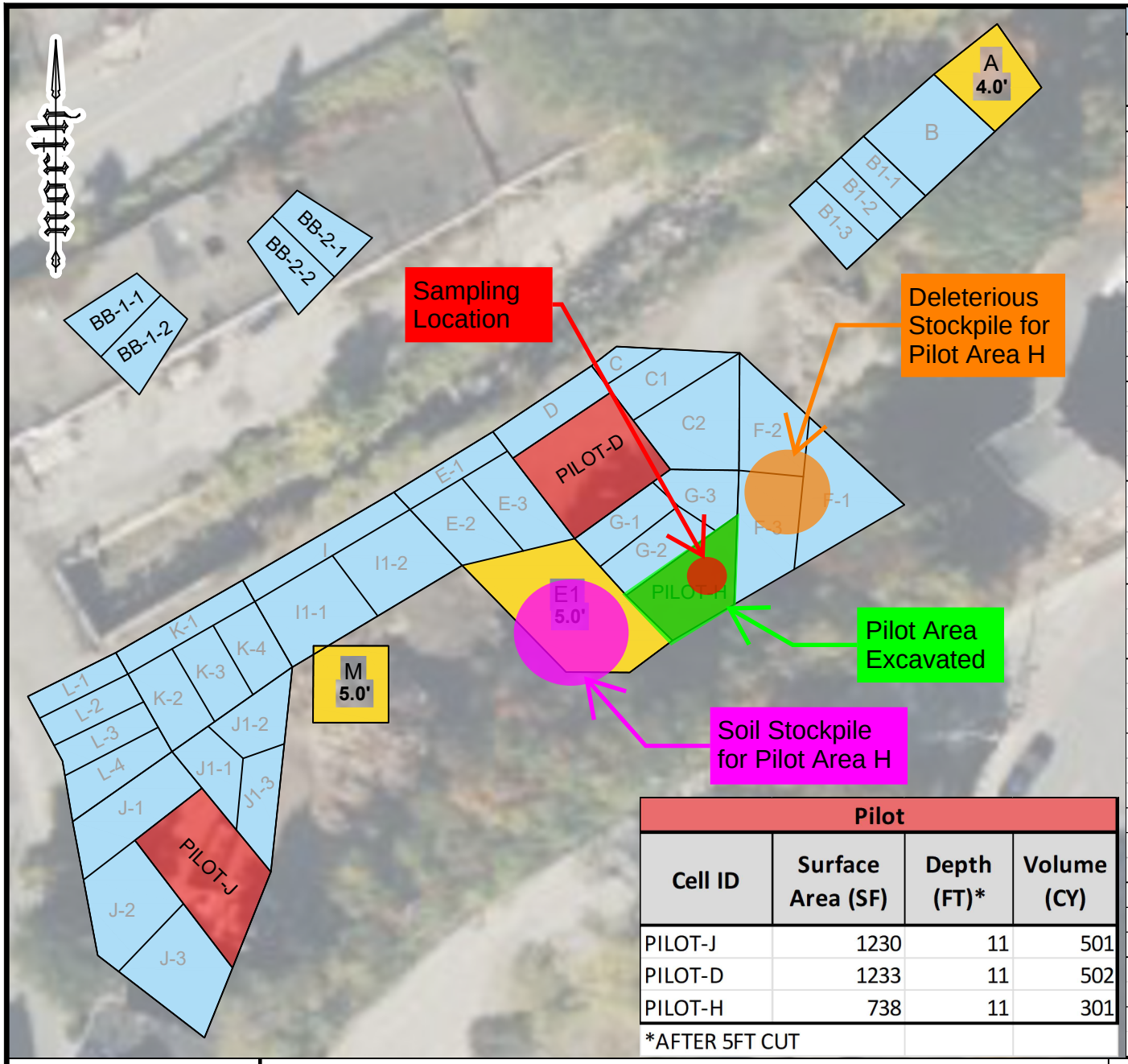
PROJECT NUMBER	20190.100	PROJECT MANAGER	R.D.W.
DATE	3-5-24	DRAWN BY	E.R.A.
SCALE	1" = 30'	CHECKED BY	D.L.M.

DRAWING NO. EX-1 SHEET 1 / 13

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

Z:\C\20190100 - WBP\Drawing\SPA\01 EX-1.dwg, 8/2/2024 11:49:24 AM, mwills, 1:1

Attachment C – Cell Layout



Pilot

Cell ID	Surface Area (SF)	Depth (FT)*	Volume (CY)
PILOT-J	1230	11	501
PILOT-D	1233	11	502
PILOT-H	738	11	301

*AFTER 5FT CUT

Environmental Mix Areas

Cell ID	Surface Area (SF)	Depth (FT) (From existing Grade)	Depth (FT) (After 5ft Cut)	Volume (CY)
B	835	13	8	247
B1-1	289	34	29	310
B1-2	299	34	29	322
B1-3	353	34	29	380
F-1	828	16	11	337
F-2	633	16	11	258
F-3	729	16	11	297
G-1	367	25	20	272
G-2	443	25	20	328
G-3	369	25	20	273
D	410	16	11	167
K-1	377	22	17	237
K-2	467	22	17	294
K-3	405	22	17	255
K-4	389	22	17	245
L-1	254	27	22	207
L-2	326	27	22	266
L-3	323	27	22	263
L-4	421	27	22	343
J-1	715	16	11	291
J-2	777	16	11	317
J-3	803	16	11	327
J1-1	376	27	22	307
J1-2	410	27	22	334
J1-3	410	27	22	334
E-1	285	20	15	158
E-2	516	20	15	287
E-3	539	20	15	299
I	444	12	7	115
I1-1	742	15.5	10.5	288
I1-2	740	15.5	10.5	288
C	133	11.5	6.5	32
C1	451	15	10	167
C2	827	14	9	276
BB-1-1	377	42	37	516
BB-1-2	409	42	37	560
BB-2-1	411	42	37	563
BB-2-2	400	42	37	548

RENOVA environmental company
3417 SUNSET AVENUE, OCEAN, NJ 07712
PHONE: (732)659-1000
www.renovaenviro.com

LEGEND:

PILOT MIX AREA

CELL BORDER

ISS MIX AREA

EXCAVATION ONLY AREA

SCALE IN FEET
0 25 50

CELL LAYOUT

30 WATER STREET
OSSINING, NEW YORK

FIGURE 3

DATE: 2/3/2025

DRAWN BY: BI

Attachment D – CAMP Data

SESI CONSULTING ENGINEERS

959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

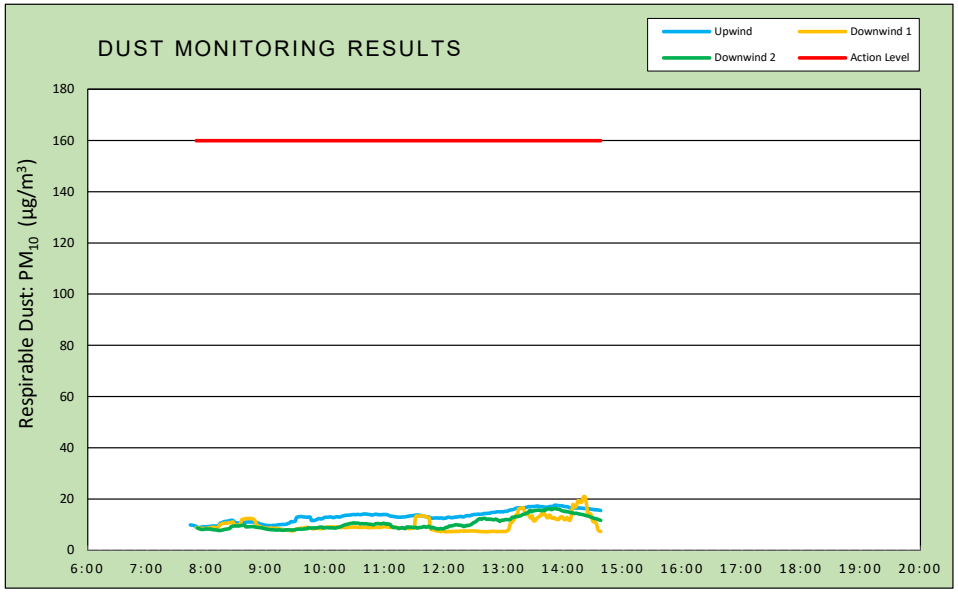
DAILY AIR MONITORING REPORT
30 Water Street
Ossining, New York

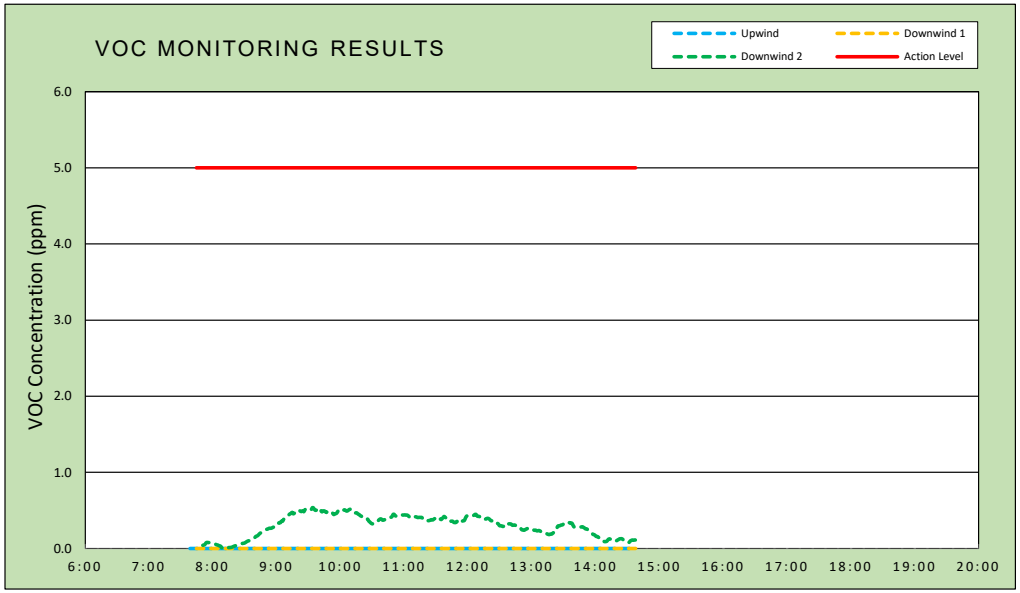
02/10/2025

Rev. No. 0	Page 1 of 2
Project Number: 11498 Phase 32	
Dust Action Level	159.9 µg/m^3
VOC Action Level	5.0 ppm

Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	49.0 - 80.0	Daily Rain Total (in)	0.02	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	23.0 - 36.0	Wind Speed (MPH)	1.1 - 6.5	Barometer (inHg)	30.30 - 30.40	Avg. Dew Point Temp (°F)	19.6	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	13.3	17.6	13:53	0.0	0.0	7:39
Downwind 1	9.9	20.9	14:21	0.0	0.0	7:45
Downwind 2	10.5	16.2	13:52	0.3	0.5	8:10



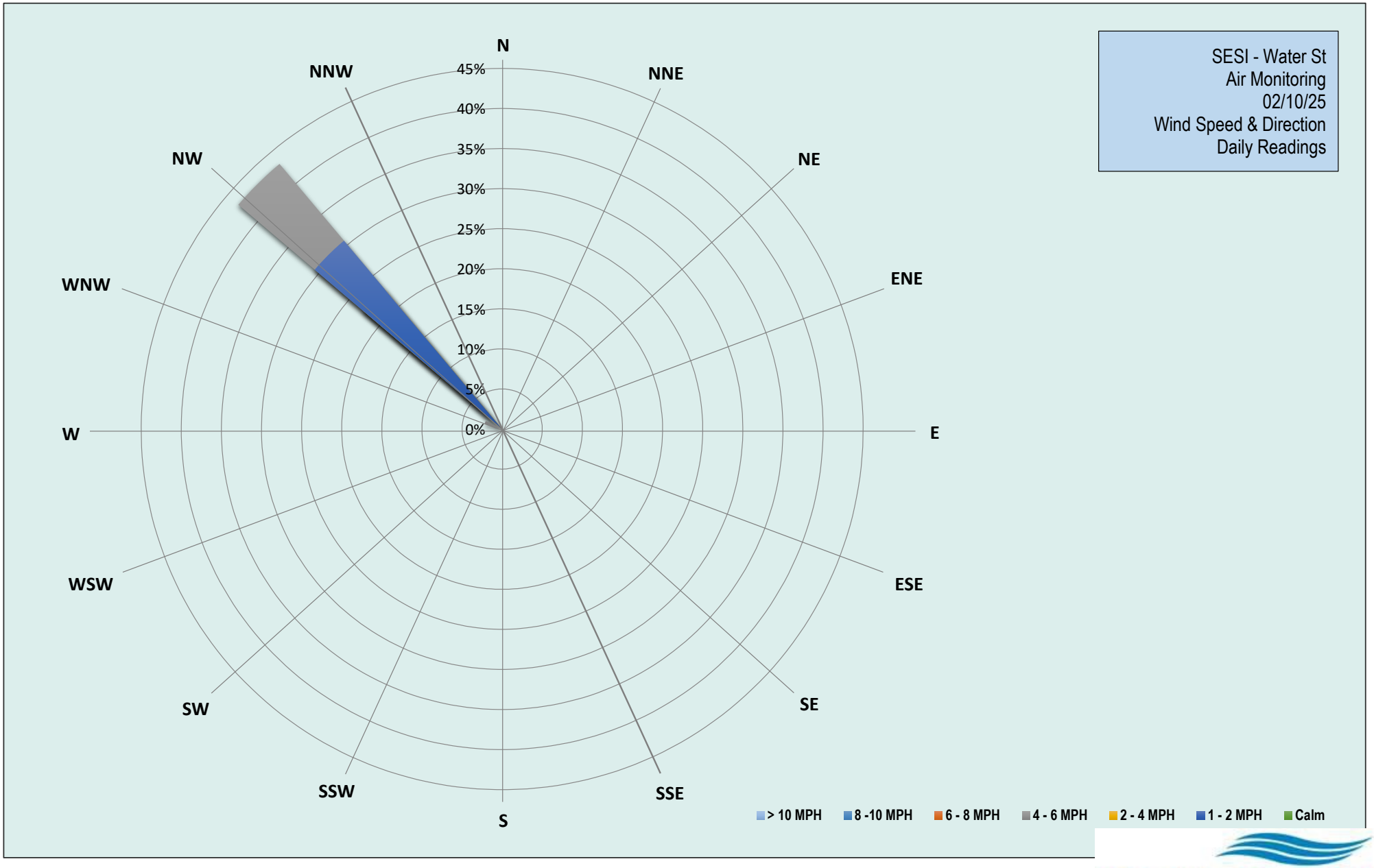


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

Monday, February 10, 2025

Number of Instances Where Downwind Particulates Exceeds 159.9 =	**0**
Number of Comparable Data Points =	**409**
Start Time:	**7:29**
End Time:	**14:38**

PARTICULATE DATA

Upwind			Downwind			Downwind			
Time	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Time**	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Time**	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Exceeds Particulate Alarm Limit**
7:29	0.0	-	7:29	-	-	7:29	-	-	-
7:30	10.6	-	7:30	-	-	7:30	-	-	-
7:31	9.2	-	7:31	-	-	7:31	-	-	-
7:32	9.2	-	7:32	-	-	7:32	-	-	-
7:33	10.2	-	7:33	-	-	7:33	-	-	-
7:34	10.6	-	7:34	-	-	7:34	-	-	-
7:35	12.7	-	7:35	0.0	-	7:35	-	-	-
7:36	12.0	-	7:36	8.9	-	7:36	5.0	-	-
7:37	11.0	-	7:37	8.5	-	7:37	10.0	-	-
7:38	8.8	-	7:38	13.3	-	7:38	10.2	-	-
7:39	9.0	-	7:39	11.2	-	7:39	10.5	-	-
7:40	8.8	-	7:40	8.7	-	7:40	9.3	-	-
7:41	8.8	-	7:41	8.1	-	7:41	9.3	-	-
7:42	9.0	-	7:42	9.8	-	7:42	8.0	-	-
7:43	9.5	-	7:43	9.6	-	7:43	8.8	-	-
7:44	9.3	9.9	7:44	8.9	-	7:44	7.5	-	-
7:45	9.3	9.8	7:45	7.7	-	7:45	8.0	-	-
7:46	8.5	9.8	7:46	7.7	-	7:46	7.8	-	-
7:47	8.3	9.7	7:47	7.8	-	7:47	7.5	-	-
7:48	8.5	9.6	7:48	8.0	-	7:48	7.3	-	-
7:49	9.3	9.5	7:49	7.4	-	7:49	7.8	-	-
7:50	8.3	9.2	7:50	7.3	8.9	7:50	8.0	-	-
7:51	9.3	9.0	7:51	8.0	8.8	7:51	10.5	8.7	-
7:52	8.8	8.9	7:52	8.3	8.8	7:52	8.5	8.6	-
7:53	8.5	8.9	7:53	8.7	8.5	7:53	7.5	8.4	-
7:54	10.3	8.9	7:54	9.7	8.4	7:54	8.0	8.2	-
7:55	9.5	9.0	7:55	10.6	8.5	7:55	8.0	8.2	-
7:56	10.5	9.1	7:56	9.3	8.6	7:56	8.5	8.1	-
7:57	10.3	9.2	7:57	8.8	8.5	7:57	8.3	8.1	-
7:58	9.8	9.2	7:58	9.7	8.5	7:58	10.0	8.2	-
7:59	8.8	9.2	7:59	7.8	8.4	7:59	8.3	8.3	-
8:00	9.0	9.2	8:00	8.0	8.5	8:00	8.3	8.3	-
8:01	9.0	9.2	8:01	8.3	8.5	8:01	7.8	8.3	-
8:02	9.0	9.2	8:02	8.8	8.6	8:02	7.3	8.3	-
8:03	9.0	9.3	8:03	9.3	8.7	8:03	7.5	8.3	-
8:04	9.5	9.3	8:04	9.0	8.8	8:04	7.5	8.3	-
8:05	10.0	9.4	8:05	9.0	8.9	8:05	8.0	8.3	-
8:06	9.5	9.4	8:06	8.8	8.9	8:06	7.8	8.1	-
8:07	9.3	9.5	8:07	8.8	9.0	8:07	7.5	8.0	-
8:08	9.3	9.5	8:08	8.3	8.9	8:08	7.3	8.0	-
8:09	9.0	9.4	8:09	8.3	8.8	8:09	7.3	7.9	-
8:10	9.5	9.4	8:10	9.5	8.8	8:10	7.8	7.9	-
8:11	9.8	9.4	8:11	9.0	8.7	8:11	7.3	7.8	-
8:12	11.3	9.4	8:12	8.8	8.7	8:12	7.5	7.8	-
8:13	16.8	9.9	8:13	21.5	9.5	8:13	8.5	7.7	-
8:14	17.3	10.5	8:14	14.3	10.0	8:14	9.0	7.7	-
8:15	11.8	10.7	8:15	11.3	10.2	8:15	9.0	7.8	-
8:16	10.8	10.8	8:16	10.5	10.3	8:16	8.8	7.9	-
8:17	12.0	11.0	8:17	10.8	10.5	8:17	9.0	8.0	-
8:18	11.8	11.2	8:18	11.0	10.6	8:18	9.0	8.1	-
8:19	10.8	11.2	8:19	8.5	10.5	8:19	9.3	8.2	-
8:20	10.8	11.3	8:20	9.3	10.6	8:20	8.3	8.2	-
8:21	10.0	11.3	8:21	9.8	10.6	8:21	8.8	8.3	-
8:22	10.8	11.4	8:22	9.3	10.7	8:22	8.5	8.3	-
8:23	10.0	11.5	8:23	10.0	10.8	8:23	8.5	8.4	-
8:24	10.8	11.6	8:24	8.5	10.8	8:24	9.0	8.5	-
8:25	10.8	11.7	8:25	9.8	10.8	8:25	17.5	9.2	-
8:26	10.3	11.7	8:26	10.8	10.9	8:26	9.0	9.3	-
8:27	10.0	11.6	8:27	11.0	11.1	8:27	9.3	9.4	-
8:28	10.8	11.2	8:28	8.8	10.2	8:28	9.0	9.5	-
8:29	11.3	10.8	8:29	9.3	9.9	8:29	9.3	9.5	-
8:30	10.3	10.7	8:30	10.0	9.8	8:30	8.8	9.5	-
8:31	10.0	10.7	8:31	9.8	9.8	8:31	9.0	9.5	-
8:32	11.0	10.6	8:32	10.3	9.7	8:32	9.0	9.5	-
8:33	11.8	10.6	8:33	12.8	9.8	8:33	9.0	9.5	-
8:34	12.3	10.7	8:34	12.5	10.1	8:34	10.3	9.5	-
8:35	11.0	10.7	8:35	21.3	10.9	8:35	10.0	9.7	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
8:36	11.0	10.8	8:36	25.3	11.9	8:36	8.9	9.7	-
8:37	10.3	10.8	8:37	11.8	12.1	8:37	9.3	9.7	-
8:38	10.8	10.8	8:38	10.0	12.1	8:38	8.8	9.7	-
8:39	12.8	10.9	8:39	11.5	12.3	8:39	9.0	9.7	-
8:40	10.5	10.9	8:40	10.8	12.4	8:40	8.5	9.1	-
8:41	11.5	11.0	8:41	11.0	12.4	8:41	9.0	9.1	-
8:42	11.3	11.1	8:42	10.5	12.4	8:42	9.5	9.1	-
8:43	10.8	11.1	8:43	9.3	12.4	8:43	9.8	9.2	-
8:44	9.8	11.0	8:44	10.3	12.5	8:44	9.0	9.2	-
8:45	11.3	11.1	8:45	9.3	12.4	8:45	9.8	9.2	-
8:46	10.0	11.1	8:46	9.0	12.4	8:46	8.8	9.2	-
8:47	11.3	11.1	8:47	8.8	12.3	8:47	9.3	9.2	-
8:48	10.0	11.0	8:48	9.3	12.0	8:48	8.6	9.2	-
8:49	9.8	10.8	8:49	7.5	11.7	8:49	8.4	9.1	-
8:50	10.3	10.7	8:50	8.8	10.9	8:50	8.8	9.0	-
8:51	9.8	10.7	8:51	9.0	9.8	8:51	8.1	9.0	-
8:52	9.8	10.6	8:52	8.8	9.6	8:52	8.3	8.9	-
8:53	9.5	10.5	8:53	8.5	9.5	8:53	8.1	8.9	-
8:54	9.3	10.3	8:54	8.5	9.3	8:54	8.5	8.8	-
8:55	9.3	10.2	8:55	9.3	9.2	8:55	8.1	8.8	-
8:56	9.5	10.1	8:56	8.5	9.0	8:56	8.4	8.8	-
8:57	9.5	10.0	8:57	8.8	8.9	8:57	7.5	8.6	-
8:58	9.5	9.9	8:58	8.3	8.8	8:58	8.3	8.5	-
8:59	9.3	9.9	8:59	8.3	8.7	8:59	7.8	8.4	-
9:00	10.0	9.8	9:00	8.5	8.6	9:00	8.1	8.3	-
9:01	9.3	9.7	9:01	8.5	8.6	9:01	7.6	8.3	-
9:02	10.0	9.6	9:02	9.0	8.6	9:02	8.0	8.2	-
9:03	10.0	9.6	9:03	8.8	8.6	9:03	8.0	8.1	-
9:04	10.0	9.7	9:04	8.5	8.7	9:04	8.0	8.1	-
9:05	10.0	9.6	9:05	9.0	8.7	9:05	7.8	8.0	-
9:06	10.0	9.7	9:06	8.8	8.7	9:06	7.8	8.0	-
9:07	10.3	9.7	9:07	7.0	8.5	9:07	8.3	8.0	-
9:08	9.8	9.7	9:08	9.0	8.6	9:08	7.8	8.0	-
9:09	9.5	9.7	9:09	8.5	8.6	9:09	7.5	7.9	-
9:10	9.3	9.7	9:10	9.0	8.6	9:10	7.8	7.9	-
9:11	10.0	9.8	9:11	9.3	8.6	9:11	8.0	7.9	-
9:12	11.8	9.9	9:12	8.5	8.6	9:12	7.8	7.9	-
9:13	10.3	10.0	9:13	4.5	8.3	9:13	9.0	7.9	-
9:14	9.8	10.0	9:14	8.5	8.4	9:14	7.8	7.9	-
9:15	10.3	10.0	9:15	4.8	8.1	9:15	7.3	7.9	-
9:16	10.0	10.1	9:16	8.5	8.1	9:16	7.3	7.9	-
9:17	10.3	10.1	9:17	8.8	8.1	9:17	7.3	7.8	-
9:18	9.8	10.1	9:18	8.8	8.1	9:18	8.0	7.8	-
9:19	10.5	10.1	9:19	5.5	7.9	9:19	8.8	7.9	-
9:20	10.3	10.1	9:20	8.0	7.8	9:20	8.8	7.9	-
9:21	10.8	10.2	9:21	8.3	7.8	9:21	8.5	8.0	-
9:22	13.5	10.4	9:22	7.8	7.8	9:22	8.0	8.0	-
9:23	11.5	10.5	9:23	8.5	7.8	9:23	7.3	7.9	-
9:24	11.5	10.6	9:24	8.8	7.8	9:24	7.8	7.9	-
9:25	15.5	11.0	9:25	6.8	7.7	9:25	7.8	7.9	-
9:26	12.0	11.2	9:26	8.5	7.6	9:26	7.8	7.9	-
9:27	10.8	11.1	9:27	6.3	7.5	9:27	7.8	7.9	-
9:28	11.3	11.2	9:28	8.5	7.7	9:28	8.8	7.9	-
9:29	11.0	11.3	9:29	9.0	7.8	9:29	8.3	7.9	-
9:30	12.3	11.4	9:30	10.5	8.2	9:30	8.8	8.0	-
9:31	30.3	12.7	9:31	11.0	8.3	9:31	8.5	8.1	-
9:32	12.8	12.9	9:32	8.5	8.3	9:32	8.3	8.2	-
9:33	11.8	13.0	9:33	9.5	8.4	9:33	8.5	8.2	-
9:34	11.3	13.1	9:34	8.5	8.6	9:34	9.0	8.2	-
9:35	11.0	13.1	9:35	8.3	8.6	9:35	8.5	8.2	-
9:36	11.3	13.2	9:36	8.3	8.6	9:36	8.8	8.2	-
9:37	11.5	13.0	9:37	8.3	8.6	9:37	7.8	8.2	-
9:38	11.3	13.0	9:38	9.0	8.6	9:38	8.0	8.3	-
9:39	11.8	13.0	9:39	9.3	8.7	9:39	8.0	8.3	-
9:40	13.5	12.9	9:40	9.8	8.9	9:40	9.0	8.4	-
9:41	11.8	12.9	9:41	9.5	8.9	9:41	8.3	8.4	-
9:42	11.8	13.0	9:42	6.3	8.9	9:42	8.0	8.4	-
9:43	11.0	12.9	9:43	6.5	8.8	9:43	13.8	8.8	-
9:44	11.3	13.0	9:44	8.3	8.8	9:44	8.3	8.8	-
9:45	11.5	12.9	9:45	9.5	8.7	9:45	8.0	8.7	-
9:46	11.8	11.7	9:46	8.5	8.5	9:46	8.0	8.7	-
9:47	11.8	11.6	9:47	8.8	8.5	9:47	8.3	8.7	-
9:48	11.8	11.6	9:48	6.0	8.3	9:48	9.0	8.7	-
9:49	11.5	11.6	9:49	9.5	8.4	9:49	9.0	8.7	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
9:50	12.8	11.7	9:50	9.5	8.5	9:50	8.3	8.7	-
9:51	13.5	11.9	9:51	9.3	8.5	9:51	9.0	8.7	-
9:52	14.3	12.1	9:52	10.0	8.6	9:52	8.5	8.8	-
9:53	15.0	12.3	9:53	9.0	8.6	9:53	9.3	8.8	-
9:54	12.3	12.4	9:54	6.8	8.5	9:54	10.3	9.0	-
9:55	11.8	12.2	9:55	8.8	8.4	9:55	9.3	9.0	-
9:56	11.8	12.2	9:56	9.0	8.4	9:56	8.5	9.0	-
9:57	12.5	12.3	9:57	8.8	8.5	9:57	8.0	9.0	-
9:58	14.0	12.5	9:58	10.5	8.8	9:58	8.3	8.7	-
9:59	15.8	12.8	9:59	10.0	8.9	9:59	9.0	8.7	-
10:00	12.5	12.9	10:00	9.0	8.9	10:00	9.3	8.8	-
10:01	12.0	12.9	10:01	9.3	8.9	10:01	8.5	8.8	-
10:02	12.0	12.9	10:02	8.5	8.9	10:02	8.5	8.8	-
10:03	12.0	12.9	10:03	9.0	9.1	10:03	8.3	8.8	-
10:04	12.5	13.0	10:04	9.3	9.1	10:04	8.3	8.7	-
10:05	13.0	13.0	10:05	10.0	9.1	10:05	8.3	8.7	-
10:06	13.3	13.0	10:06	9.0	9.1	10:06	8.8	8.7	-
10:07	12.8	12.9	10:07	9.0	9.1	10:07	9.0	8.8	-
10:08	13.0	12.7	10:08	9.0	9.1	10:08	9.3	8.8	-
10:09	13.3	12.8	10:09	6.5	9.0	10:09	8.8	8.7	-
10:10	13.3	12.9	10:10	9.3	9.1	10:10	9.0	8.6	-
10:11	13.8	13.0	10:11	9.0	9.1	10:11	9.0	8.7	-
10:12	13.0	13.1	10:12	9.5	9.1	10:12	10.3	8.8	-
10:13	13.8	13.1	10:13	9.0	9.0	10:13	9.5	8.9	-
10:14	13.8	12.9	10:14	9.0	9.0	10:14	10.3	9.0	-
10:15	13.8	13.0	10:15	9.5	9.0	10:15	11.5	9.1	-
10:16	14.0	13.1	10:16	6.8	8.8	10:16	10.3	9.3	-
10:17	14.0	13.3	10:17	9.8	8.9	10:17	11.3	9.4	-
10:18	13.8	13.4	10:18	9.8	9.0	10:18	11.0	9.6	-
10:19	14.3	13.5	10:19	10.0	9.0	10:19	10.8	9.8	-
10:20	14.3	13.6	10:20	7.5	8.8	10:20	10.8	10.0	-
10:21	14.0	13.6	10:21	9.8	8.9	10:21	10.5	10.1	-
10:22	13.3	13.7	10:22	9.0	8.9	10:22	9.5	10.1	-
10:23	13.0	13.7	10:23	8.8	8.9	10:23	10.3	10.2	-
10:24	13.8	13.7	10:24	8.8	9.0	10:24	11.3	10.3	-
10:25	14.3	13.8	10:25	9.0	9.0	10:25	10.3	10.4	-
10:26	13.8	13.8	10:26	8.8	9.0	10:26	10.0	10.5	-
10:27	14.8	13.9	10:27	9.0	9.0	10:27	10.5	10.5	-
10:28	14.3	13.9	10:28	10.8	9.1	10:28	11.3	10.6	-
10:29	13.8	13.9	10:29	9.0	9.1	10:29	11.0	10.7	-
10:30	14.0	13.9	10:30	9.3	9.1	10:30	10.3	10.6	-
10:31	13.0	13.9	10:31	6.8	9.1	10:31	10.8	10.6	-
10:32	15.8	14.0	10:32	8.8	9.0	10:32	11.0	10.6	-
10:33	13.5	14.0	10:33	9.3	9.0	10:33	10.3	10.6	-
10:34	13.8	13.9	10:34	8.8	8.9	10:34	10.5	10.5	-
10:35	14.0	13.9	10:35	8.8	9.0	10:35	7.8	10.3	-
10:36	13.8	13.9	10:36	8.8	8.9	10:36	10.0	10.3	-
10:37	14.5	14.0	10:37	9.3	8.9	10:37	10.5	10.4	-
10:38	13.8	14.0	10:38	9.3	8.9	10:38	10.5	10.4	-
10:39	15.8	14.2	10:39	9.5	9.0	10:39	10.5	10.3	-
10:40	13.8	14.1	10:40	9.0	9.0	10:40	10.3	10.3	-
10:41	13.8	14.1	10:41	8.8	9.0	10:41	10.3	10.4	-
10:42	14.3	14.1	10:42	8.8	9.0	10:42	10.0	10.3	-
10:43	13.0	14.0	10:43	8.5	8.8	10:43	10.3	10.3	-
10:44	13.0	14.0	10:44	8.8	8.8	10:44	9.8	10.2	-
10:45	13.0	13.9	10:45	8.5	8.8	10:45	10.0	10.2	-
10:46	12.8	13.9	10:46	8.8	8.9	10:46	10.5	10.1	-
10:47	13.5	13.7	10:47	8.8	8.9	10:47	10.3	10.1	-
10:48	14.3	13.8	10:48	8.8	8.9	10:48	7.5	9.9	-
10:49	15.8	13.9	10:49	9.3	8.9	10:49	11.3	10.0	-
10:50	14.8	14.0	10:50	10.8	9.0	10:50	11.3	10.2	-
10:51	15.3	14.1	10:51	7.8	9.0	10:51	12.3	10.3	-
10:52	13.8	14.0	10:52	9.3	9.0	10:52	11.3	10.4	-
10:53	13.0	14.0	10:53	9.0	8.9	10:53	11.0	10.4	-
10:54	13.8	13.8	10:54	8.8	8.9	10:54	10.5	10.4	-
10:55	14.8	13.9	10:55	9.3	8.9	10:55	8.3	10.3	-
10:56	13.0	13.9	10:56	9.0	8.9	10:56	10.5	10.3	-
10:57	14.3	13.9	10:57	9.8	9.0	10:57	10.5	10.3	-
10:58	14.5	14.0	10:58	10.8	9.1	10:58	11.8	10.4	-
10:59	12.8	13.9	10:59	9.8	9.2	10:59	11.3	10.5	-
11:00	13.3	14.0	11:00	9.0	9.2	11:00	7.5	10.4	-
11:01	13.0	14.0	11:01	6.8	9.1	11:01	10.0	10.3	-
11:02	12.5	13.9	11:02	8.8	9.1	11:02	7.3	10.1	-
11:03	13.0	13.8	11:03	8.5	9.1	11:03	10.3	10.3	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
11:04	12.8	13.6	11:04	8.5	9.0	11:04	9.5	10.2	-
11:05	12.5	13.5	11:05	8.5	8.9	11:05	9.8	10.1	-
11:06	13.3	13.3	11:06	9.5	9.0	11:06	9.3	9.9	-
11:07	13.0	13.3	11:07	8.3	8.9	11:07	2.3	9.3	-
11:08	12.5	13.3	11:08	8.5	8.9	11:08	7.3	9.1	-
11:09	12.5	13.2	11:09	11.8	9.1	11:09	7.3	8.8	-
11:10	13.0	13.1	11:10	9.0	9.1	11:10	9.8	8.9	-
11:11	13.0	13.1	11:11	8.0	9.0	11:11	9.3	8.9	-
11:12	13.5	13.0	11:12	8.5	8.9	11:12	9.8	8.8	-
11:13	13.0	12.9	11:13	8.3	8.8	11:13	10.3	8.7	-
11:14	13.0	12.9	11:14	8.3	8.7	11:14	7.3	8.4	-
11:15	12.8	12.9	11:15	8.0	8.6	11:15	9.8	8.6	-
11:16	13.3	12.9	11:16	8.0	8.7	11:16	10.3	8.6	-
11:17	13.3	13.0	11:17	8.0	8.6	11:17	10.5	8.8	-
11:18	13.3	13.0	11:18	8.3	8.6	11:18	10.0	8.8	-
11:19	13.0	13.0	11:19	9.2	8.7	11:19	7.0	8.6	-
11:20	13.3	13.0	11:20	8.0	8.6	11:20	7.5	8.5	-
11:21	13.3	13.0	11:21	8.5	8.6	11:21	9.8	8.5	-
11:22	14.8	13.2	11:22	8.5	8.6	11:22	9.8	9.0	-
11:23	13.5	13.2	11:23	8.3	8.6	11:23	8.0	9.1	-
11:24	13.5	13.3	11:24	8.8	8.4	11:24	7.5	9.1	-
11:25	14.3	13.4	11:25	10.5	8.5	11:25	7.8	9.0	-
11:26	13.8	13.4	11:26	9.3	8.5	11:26	10.3	9.0	-
11:27	14.0	13.5	11:27	9.0	8.6	11:27	10.0	9.0	-
11:28	13.5	13.5	11:28	8.5	8.6	11:28	9.8	9.0	-
11:29	13.8	13.5	11:29	10.0	8.7	11:29	4.5	8.8	-
11:30	13.5	13.6	11:30	9.5	8.8	11:30	10.5	8.9	-
11:31	15.0	13.7	11:31	64.0	12.5	11:31	10.5	8.9	-
11:32	13.8	13.7	11:32	19.5	13.3	11:32	11.3	8.9	-
11:33	13.5	13.8	11:33	8.5	13.3	11:33	5.0	8.6	-
11:34	12.8	13.7	11:34	8.8	13.3	11:34	9.5	8.8	-
11:35	12.3	13.7	11:35	8.3	13.3	11:35	9.0	8.9	-
11:36	12.5	13.6	11:36	9.8	13.4	11:36	9.8	8.9	-
11:37	12.8	13.5	11:37	9.5	13.5	11:37	10.5	8.9	-
11:38	13.0	13.5	11:38	8.0	13.5	11:38	9.5	9.0	-
11:39	12.8	13.4	11:39	8.0	13.4	11:39	9.5	9.2	-
11:40	12.5	13.3	11:40	8.3	13.3	11:40	9.5	9.3	-
11:41	12.0	13.2	11:41	8.0	13.2	11:41	7.3	9.1	-
11:42	12.0	13.0	11:42	7.8	13.1	11:42	9.3	9.0	-
11:43	12.5	13.0	11:43	5.5	12.9	11:43	10.0	9.0	-
11:44	15.0	13.1	11:44	8.0	12.8	11:44	9.0	9.3	-
11:45	12.0	13.0	11:45	8.0	12.7	11:45	9.0	9.2	-
11:46	11.3	12.7	11:46	7.5	8.9	11:46	6.8	9.0	-
11:47	12.3	12.6	11:47	7.5	8.1	11:47	6.5	8.7	-
11:48	12.3	12.5	11:48	7.0	8.0	11:48	9.0	8.9	-
11:49	12.3	12.5	11:49	8.0	7.9	11:49	8.8	8.9	-
11:50	13.5	12.6	11:50	7.0	7.9	11:50	6.3	8.7	-
11:51	13.3	12.6	11:51	7.3	7.7	11:51	7.0	8.5	-
11:52	12.5	12.6	11:52	8.3	7.6	11:52	10.3	8.5	-
11:53	13.3	12.6	11:53	6.3	7.5	11:53	7.0	8.3	-
11:54	12.0	12.6	11:54	7.5	7.5	11:54	9.5	8.3	-
11:55	12.3	12.6	11:55	7.3	7.4	11:55	9.0	8.3	-
11:56	12.3	12.6	11:56	7.0	7.3	11:56	9.5	8.5	-
11:57	12.5	12.6	11:57	7.0	7.3	11:57	9.3	8.5	-
11:58	12.5	12.6	11:58	7.3	7.4	11:58	9.0	8.4	-
11:59	12.0	12.4	11:59	7.5	7.4	11:59	9.5	8.4	-
12:00	12.3	12.4	12:00	7.5	7.3	12:00	9.8	8.5	-
12:01	12.8	12.5	12:01	5.8	7.2	12:01	10.3	8.7	-
12:02	12.5	12.5	12:02	7.5	7.2	12:02	10.3	9.0	-
12:03	16.0	12.8	12:03	7.5	7.2	12:03	8.3	8.9	-
12:04	13.8	12.9	12:04	8.3	7.3	12:04	11.8	9.1	-
12:05	13.3	12.9	12:05	9.0	7.4	12:05	11.3	9.4	-
12:06	12.0	12.8	12:06	5.8	7.3	12:06	7.5	9.5	-
12:07	12.0	12.8	12:07	7.8	7.3	12:07	10.3	9.5	-
12:08	12.0	12.7	12:08	7.5	7.3	12:08	8.0	9.5	-
12:09	13.3	12.8	12:09	7.5	7.3	12:09	11.0	9.6	-
12:10	14.0	12.9	12:10	7.0	7.3	12:10	10.8	9.8	-
12:11	13.5	13.0	12:11	7.3	7.3	12:11	11.3	9.9	-
12:12	12.3	12.9	12:12	7.0	7.3	12:12	11.0	10.0	-
12:13	13.0	13.0	12:13	7.5	7.4	12:13	8.3	9.9	-
12:14	13.0	13.0	12:14	7.5	7.4	12:14	8.0	9.8	-
12:15	13.3	13.1	12:15	7.5	7.4	12:15	8.5	9.8	-
12:16	13.8	13.2	12:16	7.8	7.5	12:16	11.3	9.8	-
12:17	13.3	13.2	12:17	8.3	7.5	12:17	8.0	9.7	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
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PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
12:18	13.5	13.1	12:18	7.3	7.5	12:18	8.0	9.7	-
12:19	13.3	13.0	12:19	7.8	7.5	12:19	8.0	9.4	-
12:20	14.0	13.1	12:20	7.5	7.4	12:20	8.5	9.2	-
12:21	15.0	13.3	12:21	8.3	7.6	12:21	11.0	9.5	-
12:22	14.0	13.4	12:22	7.0	7.5	12:22	11.0	9.5	-
12:23	13.5	13.5	12:23	7.3	7.5	12:23	11.5	9.7	-
12:24	13.3	13.5	12:24	7.3	7.5	12:24	9.3	9.6	-
12:25	13.3	13.5	12:25	7.3	7.5	12:25	12.0	9.7	-
12:26	13.5	13.5	12:26	7.5	7.5	12:26	13.5	9.9	-
12:27	15.3	13.7	12:27	7.8	7.6	12:27	12.5	10.0	-
12:28	15.0	13.8	12:28	8.0	7.6	12:28	12.8	10.3	-
12:29	13.3	13.8	12:29	7.0	7.6	12:29	12.8	10.6	-
12:30	15.8	14.0	12:30	7.0	7.5	12:30	12.5	10.8	-
12:31	13.8	14.0	12:31	7.5	7.5	12:31	12.3	10.9	-
12:32	13.8	14.0	12:32	7.3	7.4	12:32	12.8	11.2	-
12:33	13.5	14.0	12:33	7.0	7.4	12:33	12.8	11.5	-
12:34	14.5	14.1	12:34	7.0	7.4	12:34	13.0	11.9	-
12:35	14.0	14.1	12:35	7.3	7.4	12:35	12.8	12.2	-
12:36	14.0	14.0	12:36	7.3	7.3	12:36	13.0	12.3	-
12:37	14.3	14.0	12:37	7.0	7.3	12:37	9.8	12.2	-
12:38	14.3	14.1	12:38	7.0	7.3	12:38	9.8	12.1	-
12:39	14.5	14.2	12:39	7.0	7.3	12:39	13.0	12.3	-
12:40	14.8	14.3	12:40	7.3	7.3	12:40	13.8	12.5	-
12:41	15.3	14.4	12:41	7.5	7.3	12:41	13.3	12.4	-
12:42	14.5	14.3	12:42	7.5	7.2	12:42	10.0	12.3	-
12:43	14.8	14.3	12:43	7.3	7.2	12:43	9.8	12.1	-
12:44	15.3	14.5	12:44	7.5	7.2	12:44	13.3	12.1	-
12:45	15.0	14.4	12:45	8.0	7.3	12:45	14.0	12.2	-
12:46	15.3	14.5	12:46	7.3	7.3	12:46	10.0	12.1	-
12:47	14.8	14.6	12:47	7.8	7.3	12:47	13.3	12.1	-
12:48	15.8	14.7	12:48	7.8	7.4	12:48	13.3	12.1	-
12:49	14.8	14.7	12:49	7.5	7.4	12:49	9.8	11.9	-
12:50	14.8	14.8	12:50	7.3	7.4	12:50	13.0	11.9	-
12:51	14.5	14.8	12:51	7.0	7.4	12:51	13.0	11.9	-
12:52	15.0	14.9	12:52	5.3	7.3	12:52	13.5	12.2	-
12:53	15.8	15.0	12:53	7.3	7.3	12:53	7.0	12.0	-
12:54	15.0	15.0	12:54	7.8	7.3	12:54	9.5	11.8	-
12:55	15.0	15.0	12:55	7.0	7.3	12:55	13.3	11.7	-
12:56	14.8	15.0	12:56	7.5	7.3	12:56	6.5	11.3	-
12:57	14.8	15.0	12:57	7.5	7.3	12:57	13.3	11.5	-
12:58	15.0	15.0	12:58	7.3	7.3	12:58	13.3	11.7	-
12:59	15.0	15.0	12:59	8.3	7.4	12:59	13.3	11.7	-
13:00	15.3	15.0	13:00	7.3	7.3	13:00	13.3	11.7	-
13:01	17.5	15.2	13:01	7.0	7.3	13:01	13.8	11.9	-
13:02	15.3	15.2	13:02	8.8	7.4	13:02	13.5	11.9	-
13:03	15.5	15.2	13:03	10.0	7.5	13:03	13.8	12.0	-
13:04	15.8	15.3	13:04	10.0	7.7	13:04	10.3	12.0	-
13:05	18.3	15.5	13:05	11.3	7.9	13:05	11.0	11.9	-
13:06	16.8	15.6	13:06	26.5	9.2	13:06	14.8	12.0	-
13:07	15.8	15.7	13:07	26.8	10.7	13:07	14.8	12.1	-
13:08	17.5	15.8	13:08	8.8	10.8	13:08	14.3	12.6	-
13:09	15.8	15.9	13:09	13.3	11.1	13:09	15.3	12.9	-
13:10	16.5	16.0	13:10	16.3	11.8	13:10	11.3	12.8	-
13:11	16.8	16.1	13:11	11.8	12.0	13:11	8.0	12.9	-
13:12	18.3	16.3	13:12	29.0	13.5	13:12	15.8	13.1	-
13:13	17.0	16.5	13:13	12.3	13.8	13:13	15.3	13.2	-
13:14	15.8	16.5	13:14	11.3	14.0	13:14	12.0	13.1	-
13:15	16.8	16.6	13:15	39.3	16.1	13:15	14.8	13.2	-
13:16	16.0	16.5	13:16	8.0	16.2	13:16	15.3	13.3	-
13:17	16.0	16.6	13:17	12.3	16.4	13:17	15.3	13.4	-
13:18	15.8	16.6	13:18	11.3	16.5	13:18	16.3	13.6	-
13:19	16.0	16.6	13:19	10.3	16.5	13:19	15.3	13.9	-
13:20	18.0	16.6	13:20	12.0	16.6	13:20	11.8	14.0	-
13:21	16.5	16.6	13:21	8.3	15.4	13:21	16.3	14.1	-
13:22	17.8	16.7	13:22	9.3	14.2	13:22	17.5	14.3	-
13:23	17.8	16.7	13:23	8.8	14.2	13:23	17.0	14.5	-
13:24	18.0	16.9	13:24	13.5	14.2	13:24	17.8	14.6	-
13:25	18.3	17.0	13:25	8.3	13.7	13:25	13.3	14.8	-
13:26	18.3	17.1	13:26	9.8	13.6	13:26	17.5	15.4	-
13:27	16.5	17.0	13:27	14.3	12.6	13:27	16.5	15.4	-
13:28	18.0	17.0	13:28	18.5	13.0	13:28	9.0	15.0	-
13:29	16.5	17.1	13:29	16.8	13.4	13:29	16.0	15.3	-
13:30	16.3	17.0	13:30	12.5	11.6	13:30	15.8	15.4	-
13:31	16.0	17.0	13:31	9.3	11.7	13:31	16.3	15.4	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
13:32	17.8	17.2	13:32	10.3	11.5	13:32	17.0	15.5	-
13:33	16.3	17.2	13:33	23.5	12.3	13:33	16.3	15.5	-
13:34	17.5	17.3	13:34	13.8	12.6	13:34	16.8	15.6	-
13:35	16.3	17.2	13:35	17.5	12.9	13:35	12.0	15.7	-
13:36	16.0	17.1	13:36	10.5	13.1	13:36	16.0	15.6	-
13:37	16.0	17.0	13:37	15.8	13.5	13:37	15.8	15.5	-
13:38	16.5	16.9	13:38	17.8	14.1	13:38	16.5	15.5	-
13:39	19.5	17.0	13:39	9.0	13.8	13:39	16.8	15.4	-
13:40	16.5	16.9	13:40	13.3	14.2	13:40	16.3	15.6	-
13:41	16.5	16.8	13:41	13.0	14.4	13:41	16.5	15.6	-
13:42	17.3	16.9	13:42	7.0	13.9	13:42	16.5	15.6	-
13:43	17.3	16.8	13:43	8.8	13.2	13:43	16.3	16.0	-
13:44	16.8	16.8	13:44	8.3	12.7	13:44	16.8	16.1	-
13:45	17.5	16.9	13:45	14.5	12.8	13:45	16.5	16.1	-
13:46	18.0	17.0	13:46	21.0	13.6	13:46	16.5	16.2	-
13:47	18.0	17.1	13:47	10.5	13.6	13:47	16.8	16.1	-
13:48	17.0	17.1	13:48	10.8	12.8	13:48	12.3	15.9	-
13:49	16.3	17.0	13:49	10.0	12.5	13:49	17.5	15.9	-
13:50	18.3	17.2	13:50	17.8	12.5	13:50	15.8	16.2	-
13:51	20.8	17.5	13:51	14.0	12.8	13:51	16.5	16.2	-
13:52	17.8	17.6	13:52	11.0	12.4	13:52	16.3	16.2	-
13:53	16.8	17.6	13:53	11.8	12.0	13:53	15.8	16.2	-
13:54	16.5	17.4	13:54	10.5	12.1	13:54	15.0	16.1	-
13:55	16.8	17.4	13:55	11.3	12.0	13:55	15.8	16.0	-
13:56	16.5	17.4	13:56	15.0	12.1	13:56	15.3	16.0	-
13:57	16.5	17.4	13:57	17.8	12.9	13:57	15.3	15.9	-
13:58	17.5	17.4	13:58	10.0	12.9	13:58	11.5	15.6	-
13:59	16.0	17.3	13:59	11.0	13.1	13:59	14.8	15.4	-
14:00	15.8	17.2	14:00	8.0	12.7	14:00	15.0	15.3	-
14:01	16.5	17.1	14:01	9.8	11.9	14:01	14.8	15.2	-
14:02	16.8	17.0	14:02	11.0	12.0	14:02	15.0	15.1	-
14:03	16.0	17.0	14:03	16.5	12.4	14:03	14.5	15.2	-
14:04	17.0	17.0	14:04	16.8	12.8	14:04	14.0	15.0	-
14:05	17.0	16.9	14:05	8.5	12.2	14:05	16.0	15.0	-
14:06	16.3	16.6	14:06	8.3	11.8	14:06	14.8	14.9	-
14:07	17.0	16.6	14:07	9.0	11.7	14:07	14.5	14.8	-
14:08	16.5	16.6	14:08	28.8	12.8	14:08	15.0	14.7	-
14:09	16.3	16.6	14:09	50.5	15.5	14:09	13.8	14.7	-
14:10	16.8	16.6	14:10	46.8	17.8	14:10	13.5	14.5	-
14:11	16.5	16.6	14:11	7.5	17.3	14:11	14.0	14.4	-
14:12	16.3	16.5	14:12	10.8	16.9	14:12	14.0	14.3	-
14:13	16.3	16.5	14:13	12.0	17.0	14:13	13.5	14.5	-
14:14	16.0	16.5	14:14	26.0	18.0	14:14	13.3	14.4	-
14:15	16.5	16.5	14:15	28.0	19.3	14:15	13.5	14.3	-
14:16	16.5	16.5	14:16	8.0	19.2	14:16	13.5	14.2	-
14:17	16.0	16.5	14:17	8.8	19.1	14:17	13.5	14.1	-
14:18	16.3	16.5	14:18	9.8	18.6	14:18	13.5	14.0	-
14:19	16.0	16.4	14:19	21.5	18.9	14:19	13.0	14.0	-
14:20	16.3	16.4	14:20	30.5	20.4	14:20	15.5	13.9	-
14:21	15.8	16.3	14:21	16.3	20.9	14:21	12.8	13.8	-
14:22	16.3	16.3	14:22	8.5	20.9	14:22	13.0	13.7	-
14:23	16.5	16.3	14:23	7.8	19.5	14:23	13.0	13.6	-
14:24	16.8	16.3	14:24	10.8	16.9	14:24	12.0	13.4	-
14:25	16.0	16.3	14:25	6.5	14.2	14:25	12.3	13.4	-
14:26	15.5	16.2	14:26	10.8	14.4	14:26	12.5	13.3	-
14:27	15.3	16.1	14:27	9.3	14.3	14:27	11.3	13.1	-
14:28	15.3	16.1	14:28	8.5	14.1	14:28	11.5	12.9	-
14:29	15.5	16.0	14:29	7.8	12.8	14:29	11.3	12.8	-
14:30	15.3	15.9	14:30	4.5	11.3	14:30	11.3	12.7	-
14:31	15.0	15.8	14:31	6.5	11.2	14:31	11.3	12.5	-
14:32	16.5	15.9	14:32	6.3	11.0	14:32	12.3	12.4	-
14:33	14.5	15.8	14:33	5.8	10.7	14:33	11.8	12.3	-
14:34	16.8	15.8	14:34	7.8	9.8	14:34	12.0	12.2	-
14:35	15.0	15.7	14:35	7.3	8.3	14:35	12.3	12.0	-
14:36	15.3	15.7	14:36	6.3	7.6	14:36	11.3	11.9	-
14:37	15.0	15.6	14:37	6.3	7.5	14:37	11.0	11.8	-
14:38	15.0	15.5	14:38	5.8	7.3	14:38	11.0	11.7	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

Monday, February 10, 2025									
							Number of Instances Where Downwind VOCs Exceeds 5.0 =		0
							Number of Comparable Data Points =		414
							Start Time:		7:24
							End Time:		14:38
PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
7:24	0.0	-	7:24	-	-	7:24	-	-	-
7:25	0.0	-	7:25	-	-	7:25	-	-	-
7:26	0.0	-	7:26	-	-	7:26	-	-	-
7:27	0.0	-	7:27	-	-	7:27	-	-	-
7:28	0.0	-	7:28	-	-	7:28	-	-	-
7:29	0.0	-	7:29	-	-	7:29	-	-	-
7:30	0.0	-	7:30	0.0	-	7:30	-	-	-
7:31	0.0	-	7:31	0.0	-	7:31	-	-	-
7:32	0.0	-	7:32	0.0	-	7:32	-	-	-
7:33	0.0	-	7:33	0.0	-	7:33	-	-	-
7:34	0.0	-	7:34	0.0	-	7:34	-	-	-
7:35	0.0	-	7:35	0.0	-	7:35	-	-	-
7:36	0.0	-	7:36	0.0	-	7:36	0.0	-	-
7:37	0.0	-	7:37	0.0	-	7:37	0.0	-	-
7:38	0.0	-	7:38	0.0	-	7:38	0.0	-	-
7:39	0.0	0.0	7:39	0.0	-	7:39	0.0	-	-
7:40	0.0	0.0	7:40	0.0	-	7:40	0.0	-	-
7:41	0.0	0.0	7:41	0.0	-	7:41	0.0	-	-
7:42	0.0	0.0	7:42	0.0	-	7:42	0.0	-	-
7:43	0.0	0.0	7:43	0.0	-	7:43	0.0	-	-
7:44	0.0	0.0	7:44	0.0	-	7:44	0.0	-	-
7:45	0.0	0.0	7:45	0.0	0.0	7:45	0.1	-	-
7:46	0.0	0.0	7:46	0.0	0.0	7:46	0.0	-	-
7:47	0.0	0.0	7:47	0.0	0.0	7:47	0.1	-	-
7:48	0.0	0.0	7:48	0.0	0.0	7:48	0.1	-	-
7:49	0.0	0.0	7:49	0.0	0.0	7:49	0.1	-	-
7:50	0.0	0.0	7:50	0.0	0.0	7:50	0.0	-	-
7:51	0.0	0.0	7:51	0.0	0.0	7:51	0.1	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	7:52	0.1	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	7:53	0.1	0.1	-
7:54	0.0	0.0	7:54	0.0	0.0	7:54	0.3	0.1	-
7:55	0.0	0.0	7:55	0.0	0.0	7:55	0.1	0.1	-
7:56	0.0	0.0	7:56	0.0	0.0	7:56	0.0	0.1	-
7:57	0.0	0.0	7:57	0.0	0.0	7:57	0.0	0.1	-
7:58	0.0	0.0	7:58	0.0	0.0	7:58	0.0	0.1	-
7:59	0.0	0.0	7:59	0.0	0.0	7:59	0.0	0.1	-
8:00	0.0	0.0	8:00	0.0	0.0	8:00	0.0	0.1	-
8:01	0.0	0.0	8:01	0.0	0.0	8:01	0.0	0.1	-
8:02	0.0	0.0	8:02	0.0	0.0	8:02	0.0	0.1	-
8:03	0.0	0.0	8:03	0.0	0.0	8:03	0.0	0.1	-
8:04	0.0	0.0	8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	8:15	0.1	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	8:19	0.1	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	8:20	0.1	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	8:21	0.1	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	8:22	0.1	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	8:23	0.1	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	8:25	0.1	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	8:26	0.1	0.1	-
8:27	0.0	0.0	8:27	0.0	0.0	8:27	0.1	0.1	-
8:28	0.0	0.0	8:28	0.0	0.0	8:28	0.1	0.1	-
8:29	0.0	0.0	8:29	0.0	0.0	8:29	0.1	0.1	-
8:30	0.0	0.0	8:30	0.0	0.0	8:30	0.1	0.1	-
8:31	0.0	0.0	8:31	0.0	0.0	8:31	0.1	0.1	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
8:32	0.0	0.0	8:32	0.0	0.0	8:32	0.2	0.1	-
8:33	0.0	0.0	8:33	0.0	0.0	8:33	0.2	0.1	-
8:34	0.0	0.0	8:34	0.0	0.0	8:34	0.2	0.1	-
8:35	0.0	0.0	8:35	0.0	0.0	8:35	0.1	0.1	-
8:36	0.0	0.0	8:36	0.0	0.0	8:36	0.2	0.1	-
8:37	0.0	0.0	8:37	0.0	0.0	8:37	0.1	0.1	-
8:38	0.0	0.0	8:38	0.0	0.0	8:38	0.2	0.1	-
8:39	0.0	0.0	8:39	0.0	0.0	8:39	0.2	0.1	-
8:40	0.0	0.0	8:40	0.0	0.0	8:40	0.3	0.1	-
8:41	0.0	0.0	8:41	0.0	0.0	8:41	0.3	0.2	-
8:42	0.0	0.0	8:42	0.0	0.0	8:42	0.2	0.2	-
8:43	0.0	0.0	8:43	0.0	0.0	8:43	0.2	0.2	-
8:44	0.0	0.0	8:44	0.0	0.0	8:44	0.3	0.2	-
8:45	0.0	0.0	8:45	0.0	0.0	8:45	0.3	0.2	-
8:46	0.0	0.0	8:46	0.0	0.0	8:46	0.2	0.2	-
8:47	0.0	0.0	8:47	0.0	0.0	8:47	0.3	0.2	-
8:48	0.0	0.0	8:48	0.0	0.0	8:48	0.3	0.2	-
8:49	0.0	0.0	8:49	0.0	0.0	8:49	0.3	0.2	-
8:50	0.0	0.0	8:50	0.0	0.0	8:50	0.2	0.2	-
8:51	0.0	0.0	8:51	0.0	0.0	8:51	0.3	0.3	-
8:52	0.0	0.0	8:52	0.0	0.0	8:52	0.2	0.3	-
8:53	0.0	0.0	8:53	0.0	0.0	8:53	0.3	0.3	-
8:54	0.0	0.0	8:54	0.0	0.0	8:54	0.3	0.3	-
8:55	0.0	0.0	8:55	0.0	0.0	8:55	0.3	0.3	-
8:56	0.0	0.0	8:56	0.0	0.0	8:56	0.4	0.3	-
8:57	0.0	0.0	8:57	0.0	0.0	8:57	0.3	0.3	-
8:58	0.0	0.0	8:58	0.0	0.0	8:58	0.3	0.3	-
8:59	0.0	0.0	8:59	0.0	0.0	8:59	0.4	0.3	-
9:00	0.0	0.0	9:00	0.0	0.0	9:00	0.4	0.3	-
9:01	0.0	0.0	9:01	0.0	0.0	9:01	0.7	0.3	-
9:02	0.0	0.0	9:02	0.0	0.0	9:02	0.3	0.3	-
9:03	0.0	0.0	9:03	0.0	0.0	9:03	0.5	0.3	-
9:04	0.0	0.0	9:04	0.0	0.0	9:04	0.3	0.3	-
9:05	0.0	0.0	9:05	0.0	0.0	9:05	0.5	0.4	-
9:06	0.0	0.0	9:06	0.0	0.0	9:06	0.3	0.4	-
9:07	0.0	0.0	9:07	0.0	0.0	9:07	0.6	0.4	-
9:08	0.0	0.0	9:08	0.0	0.0	9:08	0.5	0.4	-
9:09	0.0	0.0	9:09	0.0	0.0	9:09	0.4	0.4	-
9:10	0.0	0.0	9:10	0.0	0.0	9:10	0.4	0.4	-
9:11	0.0	0.0	9:11	0.0	0.0	9:11	0.7	0.4	-
9:12	0.0	0.0	9:12	0.0	0.0	9:12	0.5	0.4	-
9:13	0.0	0.0	9:13	0.0	0.0	9:13	0.5	0.5	-
9:14	0.0	0.0	9:14	0.0	0.0	9:14	0.5	0.5	-
9:15	0.0	0.0	9:15	0.0	0.0	9:15	0.6	0.5	-
9:16	0.0	0.0	9:16	0.0	0.0	9:16	0.4	0.5	-
9:17	0.0	0.0	9:17	0.0	0.0	9:17	0.4	0.5	-
9:18	0.0	0.0	9:18	0.0	0.0	9:18	0.5	0.5	-
9:19	0.0	0.0	9:19	0.0	0.0	9:19	0.3	0.5	-
9:20	0.0	0.0	9:20	0.0	0.0	9:20	0.5	0.5	-
9:21	0.0	0.0	9:21	0.0	0.0	9:21	0.7	0.5	-
9:22	0.0	0.0	9:22	0.0	0.0	9:22	0.6	0.5	-
9:23	0.0	0.0	9:23	0.0	0.0	9:23	0.3	0.5	-
9:24	0.0	0.0	9:24	0.0	0.0	9:24	0.4	0.5	-
9:25	0.0	0.0	9:25	0.0	0.0	9:25	0.5	0.5	-
9:26	0.0	0.0	9:26	0.0	0.0	9:26	0.5	0.5	-
9:27	0.0	0.0	9:27	0.0	0.0	9:27	0.8	0.5	-
9:28	0.0	0.0	9:28	0.0	0.0	9:28	0.6	0.5	-
9:29	0.0	0.0	9:29	0.0	0.0	9:29	0.4	0.5	-
9:30	0.0	0.0	9:30	0.0	0.0	9:30	0.6	0.5	-
9:31	0.0	0.0	9:31	0.0	0.0	9:31	0.4	0.5	-
9:32	0.0	0.0	9:32	0.0	0.0	9:32	0.6	0.5	-
9:33	0.0	0.0	9:33	0.0	0.0	9:33	0.4	0.5	-
9:34	0.0	0.0	9:34	0.0	0.0	9:34	0.7	0.5	-
9:35	0.0	0.0	9:35	0.0	0.0	9:35	0.4	0.5	-
9:36	0.0	0.0	9:36	0.0	0.0	9:36	0.4	0.5	-
9:37	0.0	0.0	9:37	0.0	0.0	9:37	0.5	0.5	-
9:38	0.0	0.0	9:38	0.0	0.0	9:38	0.4	0.5	-
9:39	0.0	0.0	9:39	0.0	0.0	9:39	0.7	0.5	-
9:40	0.0	0.0	9:40	0.0	0.0	9:40	0.5	0.5	-
9:41	0.0	0.0	9:41	0.0	0.0	9:41	0.5	0.5	-
9:42	0.0	0.0	9:42	0.0	0.0	9:42	0.4	0.5	-
9:43	0.0	0.0	9:43	0.0	0.0	9:43	0.3	0.5	-
9:44	0.0	0.0	9:44	0.0	0.0	9:44	0.5	0.5	-
9:45	0.0	0.0	9:45	0.0	0.0	9:45	0.6	0.5	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
9:46	0.0	0.0	9:46	0.0	0.0	9:46	0.3	0.5	-
9:47	0.0	0.0	9:47	0.0	0.0	9:47	0.4	0.5	-
9:48	0.0	0.0	9:48	0.0	0.0	9:48	0.5	0.5	-
9:49	0.0	0.0	9:49	0.0	0.0	9:49	0.4	0.5	-
9:50	0.0	0.0	9:50	0.0	0.0	9:50	0.5	0.5	-
9:51	0.0	0.0	9:51	0.0	0.0	9:51	0.5	0.5	-
9:52	0.0	0.0	9:52	0.0	0.0	9:52	0.4	0.5	-
9:53	0.0	0.0	9:53	0.0	0.0	9:53	0.4	0.5	-
9:54	0.0	0.0	9:54	0.0	0.0	9:54	0.4	0.4	-
9:55	0.0	0.0	9:55	0.0	0.0	9:55	0.5	0.5	-
9:56	0.0	0.0	9:56	0.0	0.0	9:56	0.6	0.5	-
9:57	0.0	0.0	9:57	0.0	0.0	9:57	0.6	0.5	-
9:58	0.0	0.0	9:58	0.0	0.0	9:58	0.7	0.5	-
9:59	0.0	0.0	9:59	0.0	0.0	9:59	0.7	0.5	-
10:00	0.0	0.0	10:00	0.0	0.0	10:00	0.4	0.5	-
10:01	0.0	0.0	10:01	0.0	0.0	10:01	0.5	0.5	-
10:02	0.0	0.0	10:02	0.0	0.0	10:02	0.5	0.5	-
10:03	0.0	0.0	10:03	0.0	0.0	10:03	0.4	0.5	-
10:04	0.0	0.0	10:04	0.0	0.0	10:04	0.5	0.5	-
10:05	0.0	0.0	10:05	0.0	0.0	10:05	0.4	0.5	-
10:06	0.0	0.0	10:06	0.0	0.0	10:06	0.4	0.5	-
10:07	0.0	0.0	10:07	0.0	0.0	10:07	0.4	0.5	-
10:08	0.0	0.0	10:08	0.0	0.0	10:08	0.5	0.5	-
10:09	0.0	0.0	10:09	0.0	0.0	10:09	0.5	0.5	-
10:10	0.0	0.0	10:10	0.0	0.0	10:10	0.5	0.5	-
10:11	0.0	0.0	10:11	0.0	0.0	10:11	0.4	0.5	-
10:12	0.0	0.0	10:12	0.0	0.0	10:12	0.6	0.5	-
10:13	0.0	0.0	10:13	0.0	0.0	10:13	0.5	0.5	-
10:14	0.0	0.0	10:14	0.0	0.0	10:14	0.4	0.5	-
10:15	0.0	0.0	10:15	0.0	0.0	10:15	0.4	0.5	-
10:16	0.0	0.0	10:16	0.0	0.0	10:16	0.4	0.5	-
10:17	0.0	0.0	10:17	0.0	0.0	10:17	0.3	0.5	-
10:18	0.0	0.0	10:18	0.0	0.0	10:18	0.3	0.4	-
10:19	0.0	0.0	10:19	0.0	0.0	10:19	0.3	0.4	-
10:20	0.0	0.0	10:20	0.0	0.0	10:20	0.3	0.4	-
10:21	0.0	0.0	10:21	0.0	0.0	10:21	0.2	0.4	-
10:22	0.0	0.0	10:22	0.0	0.0	10:22	0.3	0.4	-
10:23	0.0	0.0	10:23	0.0	0.0	10:23	0.3	0.4	-
10:24	0.0	0.0	10:24	0.0	0.0	10:24	0.4	0.4	-
10:25	0.0	0.0	10:25	0.0	0.0	10:25	0.5	0.4	-
10:26	0.0	0.0	10:26	0.0	0.0	10:26	0.5	0.4	-
10:27	0.0	0.0	10:27	0.0	0.0	10:27	0.2	0.4	-
10:28	0.0	0.0	10:28	0.0	0.0	10:28	0.3	0.3	-
10:29	0.0	0.0	10:29	0.0	0.0	10:29	0.2	0.3	-
10:30	0.0	0.0	10:30	0.0	0.0	10:30	0.3	0.3	-
10:31	0.0	0.0	10:31	0.0	0.0	10:31	0.4	0.3	-
10:32	0.0	0.0	10:32	0.0	0.0	10:32	0.3	0.3	-
10:33	0.0	0.0	10:33	0.0	0.0	10:33	0.5	0.3	-
10:34	0.0	0.0	10:34	0.0	0.0	10:34	0.4	0.3	-
10:35	0.0	0.0	10:35	0.0	0.0	10:35	0.3	0.3	-
10:36	0.0	0.0	10:36	0.0	0.0	10:36	0.5	0.4	-
10:37	0.0	0.0	10:37	0.0	0.0	10:37	0.5	0.4	-
10:38	0.0	0.0	10:38	0.0	0.0	10:38	0.4	0.4	-
10:39	0.0	0.0	10:39	0.0	0.0	10:39	0.4	0.4	-
10:40	0.0	0.0	10:40	0.0	0.0	10:40	0.3	0.4	-
10:41	0.0	0.0	10:41	0.0	0.0	10:41	0.5	0.4	-
10:42	0.0	0.0	10:42	0.0	0.0	10:42	0.3	0.4	-
10:43	0.0	0.0	10:43	0.0	0.0	10:43	0.4	0.4	-
10:44	0.0	0.0	10:44	0.0	0.0	10:44	0.4	0.4	-
10:45	0.0	0.0	10:45	0.0	0.0	10:45	0.4	0.4	-
10:46	0.0	0.0	10:46	0.0	0.0	10:46	0.4	0.4	-
10:47	0.0	0.0	10:47	0.0	0.0	10:47	0.4	0.4	-
10:48	0.0	0.0	10:48	0.0	0.0	10:48	0.4	0.4	-
10:49	0.0	0.0	10:49	0.0	0.0	10:49	0.5	0.4	-
10:50	0.0	0.0	10:50	0.0	0.0	10:50	0.7	0.4	-
10:51	0.0	0.0	10:51	0.0	0.0	10:51	0.5	0.4	-
10:52	0.0	0.0	10:52	0.0	0.0	10:52	0.3	0.4	-
10:53	0.0	0.0	10:53	0.0	0.0	10:53	0.4	0.4	-
10:54	0.0	0.0	10:54	0.0	0.0	10:54	0.5	0.4	-
10:55	0.0	0.0	10:55	0.0	0.0	10:55	0.4	0.4	-
10:56	0.0	0.0	10:56	0.0	0.0	10:56	0.4	0.4	-
10:57	0.0	0.0	10:57	0.0	0.0	10:57	0.4	0.4	-
10:58	0.0	0.0	10:58	0.0	0.0	10:58	0.4	0.4	-
10:59	0.0	0.0	10:59	0.0	0.0	10:59	0.4	0.4	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
11:00	0.0	0.0	11:00	0.0	0.0	11:00	0.4	0.4	-
11:01	0.0	0.0	11:01	0.0	0.0	11:01	0.4	0.4	-
11:02	0.0	0.0	11:02	0.0	0.0	11:02	0.4	0.4	-
11:03	0.0	0.0	11:03	0.0	0.0	11:03	0.4	0.4	-
11:04	0.0	0.0	11:04	0.0	0.0	11:04	0.4	0.4	-
11:05	0.0	0.0	11:05	0.0	0.0	11:05	0.5	0.4	-
11:06	0.0	0.0	11:06	0.0	0.0	11:06	0.3	0.4	-
11:07	0.0	0.0	11:07	0.0	0.0	11:07	0.5	0.4	-
11:08	0.0	0.0	11:08	0.0	0.0	11:08	0.4	0.4	-
11:09	0.0	0.0	11:09	0.0	0.0	11:09	0.5	0.4	-
11:10	0.0	0.0	11:10	0.0	0.0	11:10	0.3	0.4	-
11:11	0.0	0.0	11:11	0.0	0.0	11:11	0.3	0.4	-
11:12	0.0	0.0	11:12	0.0	0.0	11:12	0.4	0.4	-
11:13	0.0	0.0	11:13	0.0	0.0	11:13	0.3	0.4	-
11:14	0.0	0.0	11:14	0.0	0.0	11:14	0.4	0.4	-
11:15	0.0	0.0	11:15	0.0	0.0	11:15	0.4	0.4	-
11:16	0.0	0.0	11:16	0.0	0.0	11:16	0.4	0.4	-
11:17	0.0	0.0	11:17	0.0	0.0	11:17	0.4	0.4	-
11:18	0.0	0.0	11:18	0.0	0.0	11:18	0.2	0.4	-
11:19	0.0	0.0	11:19	0.0	0.0	11:19	0.4	0.4	-
11:20	0.0	0.0	11:20	0.0	0.0	11:20	0.4	0.4	-
11:21	0.0	0.0	11:21	0.0	0.0	11:21	0.4	0.4	-
11:22	0.0	0.0	11:22	0.0	0.0	11:22	0.2	0.4	-
11:23	0.0	0.0	11:23	0.0	0.0	11:23	0.3	0.4	-
11:24	0.0	0.0	11:24	0.0	0.0	11:24	0.5	0.4	-
11:25	0.0	0.0	11:25	0.0	0.0	11:25	0.4	0.4	-
11:26	0.0	0.0	11:26	0.0	0.0	11:26	0.4	0.4	-
11:27	0.0	0.0	11:27	0.0	0.0	11:27	0.3	0.4	-
11:28	0.0	0.0	11:28	0.0	0.0	11:28	0.4	0.4	-
11:29	0.0	0.0	11:29	0.0	0.0	11:29	0.6	0.4	-
11:30	0.0	0.0	11:30	0.0	0.0	11:30	0.4	0.4	-
11:31	0.0	0.0	11:31	0.0	0.0	11:31	0.3	0.4	-
11:32	0.0	0.0	11:32	0.0	0.0	11:32	0.5	0.4	-
11:33	0.0	0.0	11:33	0.0	0.0	11:33	0.4	0.4	-
11:34	0.0	0.0	11:34	0.0	0.0	11:34	0.3	0.4	-
11:35	0.0	0.0	11:35	0.0	0.0	11:35	0.2	0.4	-
11:36	0.0	0.0	11:36	0.0	0.0	11:36	0.6	0.4	-
11:37	0.0	0.0	11:37	0.0	0.0	11:37	0.5	0.4	-
11:38	0.0	0.0	11:38	0.0	0.0	11:38	0.6	0.4	-
11:39	0.0	0.0	11:39	0.0	0.0	11:39	0.3	0.4	-
11:40	0.0	0.0	11:40	0.0	0.0	11:40	0.3	0.4	-
11:41	0.0	0.0	11:41	0.0	0.0	11:41	0.4	0.4	-
11:42	0.0	0.0	11:42	0.0	0.0	11:42	0.4	0.4	-
11:43	0.0	0.0	11:43	0.0	0.0	11:43	0.1	0.4	-
11:44	0.0	0.0	11:44	0.0	0.0	11:44	0.2	0.4	-
11:45	0.0	0.0	11:45	0.0	0.0	11:45	0.4	0.4	-
11:46	0.0	0.0	11:46	0.0	0.0	11:46	0.3	0.4	-
11:47	0.0	0.0	11:47	0.0	0.0	11:47	0.3	0.3	-
11:48	0.0	0.0	11:48	0.0	0.0	11:48	0.4	0.3	-
11:49	0.0	0.0	11:49	0.0	0.0	11:49	0.3	0.3	-
11:50	0.0	0.0	11:50	0.0	0.0	11:50	0.4	0.4	-
11:51	0.0	0.0	11:51	0.0	0.0	11:51	0.3	0.3	-
11:52	0.0	0.0	11:52	0.0	0.0	11:52	0.4	0.3	-
11:53	0.0	0.0	11:53	0.0	0.0	11:53	0.4	0.3	-
11:54	0.0	0.0	11:54	0.0	0.0	11:54	0.6	0.3	-
11:55	0.0	0.0	11:55	0.0	0.0	11:55	0.5	0.4	-
11:56	0.0	0.0	11:56	0.0	0.0	11:56	0.4	0.4	-
11:57	0.0	0.0	11:57	0.0	0.0	11:57	0.4	0.4	-
11:58	0.0	0.0	11:58	0.0	0.0	11:58	0.6	0.4	-
11:59	0.0	0.0	11:59	0.0	0.0	11:59	0.6	0.4	-
12:00	0.0	0.0	12:00	0.0	0.0	12:00	0.5	0.4	-
12:01	0.0	0.0	12:01	0.0	0.0	12:01	0.3	0.4	-
12:02	0.0	0.0	12:02	0.0	0.0	12:02	0.4	0.4	-
12:03	0.0	0.0	12:03	0.0	0.0	12:03	0.3	0.4	-
12:04	0.0	0.0	12:04	0.0	0.0	12:04	0.3	0.4	-
12:05	0.0	0.0	12:05	0.0	0.0	12:05	0.4	0.4	-
12:06	0.0	0.0	12:06	0.0	0.0	12:06	0.4	0.4	-
12:07	0.0	0.0	12:07	0.0	0.0	12:07	0.6	0.4	-
12:08	0.0	0.0	12:08	0.0	0.0	12:08	0.4	0.4	-
12:09	0.0	0.0	12:09	0.0	0.0	12:09	0.3	0.4	-
12:10	0.0	0.0	12:10	0.0	0.0	12:10	0.4	0.4	-
12:11	0.0	0.0	12:11	0.0	0.0	12:11	0.4	0.4	-
12:12	0.0	0.0	12:12	0.0	0.0	12:12	0.3	0.4	-
12:13	0.0	0.0	12:13	0.0	0.0	12:13	0.4	0.4	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
12:14	0.0	0.0	12:14	0.0	0.0	12:14	0.4	0.4	-
12:15	0.0	0.0	12:15	0.0	0.0	12:15	0.6	0.4	-
12:16	0.0	0.0	12:16	0.0	0.0	12:16	0.3	0.4	-
12:17	0.0	0.0	12:17	0.0	0.0	12:17	0.3	0.4	-
12:18	0.0	0.0	12:18	0.0	0.0	12:18	0.4	0.4	-
12:19	0.0	0.0	12:19	0.0	0.0	12:19	0.3	0.4	-
12:20	0.0	0.0	12:20	0.0	0.0	12:20	0.3	0.4	-
12:21	0.0	0.0	12:21	0.0	0.0	12:21	0.2	0.4	-
12:22	0.0	0.0	12:22	0.0	0.0	12:22	0.4	0.4	-
12:23	0.0	0.0	12:23	0.0	0.0	12:23	0.4	0.4	-
12:24	0.0	0.0	12:24	0.0	0.0	12:24	0.1	0.4	-
12:25	0.0	0.0	12:25	0.0	0.0	12:25	0.2	0.3	-
12:26	0.0	0.0	12:26	0.0	0.0	12:26	0.2	0.3	-
12:27	0.0	0.0	12:27	0.0	0.0	12:27	0.4	0.3	-
12:28	0.0	0.0	12:28	0.0	0.0	12:28	0.3	0.3	-
12:29	0.0	0.0	12:29	0.0	0.0	12:29	0.3	0.3	-
12:30	0.0	0.0	12:30	0.0	0.0	12:30	0.3	0.3	-
12:31	0.0	0.0	12:31	0.0	0.0	12:31	0.3	0.3	-
12:32	0.0	0.0	12:32	0.0	0.0	12:32	0.3	0.3	-
12:33	0.0	0.0	12:33	0.0	0.0	12:33	0.3	0.3	-
12:34	0.0	0.0	12:34	0.0	0.0	12:34	0.4	0.3	-
12:35	0.0	0.0	12:35	0.0	0.0	12:35	0.6	0.3	-
12:36	0.0	0.0	12:36	0.0	0.0	12:36	0.5	0.3	-
12:37	0.0	0.0	12:37	0.0	0.0	12:37	0.3	0.3	-
12:38	0.0	0.0	12:38	0.0	0.0	12:38	0.4	0.3	-
12:39	0.0	0.0	12:39	0.0	0.0	12:39	0.2	0.3	-
12:40	0.0	0.0	12:40	0.0	0.0	12:40	0.2	0.3	-
12:41	0.0	0.0	12:41	0.0	0.0	12:41	0.2	0.3	-
12:42	0.0	0.0	12:42	0.0	0.0	12:42	0.2	0.3	-
12:43	0.0	0.0	12:43	0.0	0.0	12:43	0.3	0.3	-
12:44	0.0	0.0	12:44	0.0	0.0	12:44	0.3	0.3	-
12:45	0.0	0.0	12:45	0.0	0.0	12:45	0.2	0.3	-
12:46	0.0	0.0	12:46	0.0	0.0	12:46	0.3	0.3	-
12:47	0.0	0.0	12:47	0.0	0.0	12:47	0.2	0.3	-
12:48	0.0	0.0	12:48	0.0	0.0	12:48	0.3	0.3	-
12:49	0.0	0.0	12:49	0.0	0.0	12:49	0.2	0.3	-
12:50	0.0	0.0	12:50	0.0	0.0	12:50	0.3	0.3	-
12:51	0.0	0.0	12:51	0.0	0.0	12:51	0.2	0.2	-
12:52	0.0	0.0	12:52	0.0	0.0	12:52	0.3	0.2	-
12:53	0.0	0.0	12:53	0.0	0.0	12:53	0.3	0.2	-
12:54	0.0	0.0	12:54	0.0	0.0	12:54	0.3	0.2	-
12:55	0.0	0.0	12:55	0.0	0.0	12:55	0.3	0.3	-
12:56	0.0	0.0	12:56	0.0	0.0	12:56	0.2	0.3	-
12:57	0.0	0.0	12:57	0.0	0.0	12:57	0.3	0.3	-
12:58	0.0	0.0	12:58	0.0	0.0	12:58	0.2	0.3	-
12:59	0.0	0.0	12:59	0.0	0.0	12:59	0.2	0.2	-
13:00	0.0	0.0	13:00	0.0	0.0	13:00	0.2	0.2	-
13:01	0.0	0.0	13:01	0.0	0.0	13:01	0.2	0.2	-
13:02	0.0	0.0	13:02	0.0	0.0	13:02	0.2	0.2	-
13:03	0.0	0.0	13:03	0.0	0.0	13:03	0.2	0.2	-
13:04	0.0	0.0	13:04	0.0	0.0	13:04	0.2	0.2	-
13:05	0.0	0.0	13:05	0.0	0.0	13:05	0.2	0.2	-
13:06	0.0	0.0	13:06	0.0	0.0	13:06	0.2	0.2	-
13:07	0.0	0.0	13:07	0.0	0.0	13:07	0.3	0.2	-
13:08	0.0	0.0	13:08	0.0	0.0	13:08	0.2	0.2	-
13:09	0.0	0.0	13:09	0.0	0.0	13:09	0.1	0.2	-
13:10	0.0	0.0	13:10	0.0	0.0	13:10	0.2	0.2	-
13:11	0.0	0.0	13:11	0.0	0.0	13:11	0.2	0.2	-
13:12	0.0	0.0	13:12	0.0	0.0	13:12	0.2	0.2	-
13:13	0.0	0.0	13:13	0.0	0.0	13:13	0.2	0.2	-
13:14	0.0	0.0	13:14	0.0	0.0	13:14	0.2	0.2	-
13:15	0.0	0.0	13:15	0.0	0.0	13:15	0.1	0.2	-
13:16	0.0	0.0	13:16	0.0	0.0	13:16	0.1	0.2	-
13:17	0.0	0.0	13:17	0.0	0.0	13:17	0.2	0.2	-
13:18	0.0	0.0	13:18	0.0	0.0	13:18	0.3	0.2	-
13:19	0.0	0.0	13:19	0.0	0.0	13:19	0.2	0.2	-
13:20	0.0	0.0	13:20	0.0	0.0	13:20	0.4	0.2	-
13:21	0.0	0.0	13:21	0.0	0.0	13:21	0.4	0.2	-
13:22	0.0	0.0	13:22	0.0	0.0	13:22	0.5	0.2	-
13:23	0.0	0.0	13:23	0.0	0.0	13:23	0.2	0.2	-
13:24	0.0	0.0	13:24	0.0	0.0	13:24	0.8	0.3	-
13:25	0.0	0.0	13:25	0.0	0.0	13:25	0.6	0.3	-
13:26	0.0	0.0	13:26	0.0	0.0	13:26	0.2	0.3	-
13:27	0.0	0.0	13:27	0.0	0.0	13:27	0.2	0.3	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 10, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
13:28	0.0	0.0	13:28	0.0	0.0	13:28	0.3	0.3	-
13:29	0.0	0.0	13:29	0.0	0.0	13:29	0.2	0.3	-
13:30	0.0	0.0	13:30	0.0	0.0	13:30	0.3	0.3	-
13:31	0.0	0.0	13:31	0.0	0.0	13:31	0.4	0.3	-
13:32	0.0	0.0	13:32	0.0	0.0	13:32	0.2	0.3	-
13:33	0.0	0.0	13:33	0.0	0.0	13:33	0.2	0.3	-
13:34	0.0	0.0	13:34	0.0	0.0	13:34	0.3	0.3	-
13:35	0.0	0.0	13:35	0.0	0.0	13:35	0.3	0.3	-
13:36	0.0	0.0	13:36	0.0	0.0	13:36	0.4	0.3	-
13:37	0.0	0.0	13:37	0.0	0.0	13:37	0.4	0.3	-
13:38	0.0	0.0	13:38	0.0	0.0	13:38	0.3	0.3	-
13:39	0.0	0.0	13:39	0.0	0.0	13:39	0.4	0.3	-
13:40	0.0	0.0	13:40	0.0	0.0	13:40	0.2	0.3	-
13:41	0.0	0.0	13:41	0.0	0.0	13:41	0.3	0.3	-
13:42	0.0	0.0	13:42	0.0	0.0	13:42	0.2	0.3	-
13:43	0.0	0.0	13:43	0.0	0.0	13:43	0.3	0.3	-
13:44	0.0	0.0	13:44	0.0	0.0	13:44	0.2	0.3	-
13:45	0.0	0.0	13:45	0.0	0.0	13:45	0.2	0.3	-
13:46	0.0	0.0	13:46	0.0	0.0	13:46	0.3	0.3	-
13:47	0.0	0.0	13:47	0.0	0.0	13:47	0.2	0.3	-
13:48	0.0	0.0	13:48	0.0	0.0	13:48	0.3	0.3	-
13:49	0.0	0.0	13:49	0.0	0.0	13:49	0.2	0.3	-
13:50	0.0	0.0	13:50	0.0	0.0	13:50	0.2	0.3	-
13:51	0.0	0.0	13:51	0.0	0.0	13:51	0.2	0.3	-
13:52	0.0	0.0	13:52	0.0	0.0	13:52	0.4	0.3	-
13:53	0.0	0.0	13:53	0.0	0.0	13:53	0.1	0.2	-
13:54	0.0	0.0	13:54	0.0	0.0	13:54	0.1	0.2	-
13:55	0.0	0.0	13:55	0.0	0.0	13:55	0.0	0.2	-
13:56	0.0	0.0	13:56	0.0	0.0	13:56	0.1	0.2	-
13:57	0.0	0.0	13:57	0.0	0.0	13:57	0.1	0.2	-
13:58	0.0	0.0	13:58	0.0	0.0	13:58	0.1	0.2	-
13:59	0.0	0.0	13:59	0.0	0.0	13:59	0.2	0.2	-
14:00	0.0	0.0	14:00	0.0	0.0	14:00	0.1	0.2	-
14:01	0.0	0.0	14:01	0.0	0.0	14:01	0.1	0.2	-
14:02	0.0	0.0	14:02	0.0	0.0	14:02	0.2	0.2	-
14:03	0.0	0.0	14:03	0.0	0.0	14:03	0.1	0.1	-
14:04	0.0	0.0	14:04	0.0	0.0	14:04	0.1	0.1	-
14:05	0.0	0.0	14:05	0.0	0.0	14:05	0.2	0.1	-
14:06	0.0	0.0	14:06	0.0	0.0	14:06	0.0	0.1	-
14:07	0.0	0.0	14:07	0.0	0.0	14:07	0.0	0.1	-
14:08	0.0	0.0	14:08	0.0	0.0	14:08	0.0	0.1	-
14:09	0.0	0.0	14:09	0.0	0.0	14:09	0.0	0.1	-
14:10	0.0	0.0	14:10	0.0	0.0	14:10	0.1	0.1	-
14:11	0.0	0.0	14:11	0.0	0.0	14:11	0.2	0.1	-
14:12	0.0	0.0	14:12	0.0	0.0	14:12	0.4	0.1	-
14:13	0.0	0.0	14:13	0.0	0.0	14:13	0.3	0.1	-
14:14	0.0	0.0	14:14	0.0	0.0	14:14	0.1	0.1	-
14:15	0.0	0.0	14:15	0.0	0.0	14:15	0.2	0.1	-
14:16	0.0	0.0	14:16	0.0	0.0	14:16	0.0	0.1	-
14:17	0.0	0.0	14:17	0.0	0.0	14:17	0.0	0.1	-
14:18	0.0	0.0	14:18	0.0	0.0	14:18	0.0	0.1	-
14:19	0.0	0.0	14:19	0.0	0.0	14:19	0.1	0.1	-
14:20	0.0	0.0	14:20	0.0	0.0	14:20	0.1	0.1	-
14:21	0.0	0.0	14:21	0.0	0.0	14:21	0.2	0.1	-
14:22	0.0	0.0	14:22	0.0	0.0	14:22	0.1	0.1	-
14:23	0.0	0.0	14:23	0.0	0.0	14:23	0.1	0.1	-
14:24	0.0	0.0	14:24	0.0	0.0	14:24	0.1	0.1	-
14:25	0.0	0.0	14:25	0.0	0.0	14:25	0.1	0.1	-
14:26	0.0	0.0	14:26	0.0	0.0	14:26	0.0	0.1	-
14:27	0.0	0.0	14:27	0.0	0.0	14:27	0.2	0.1	-
14:28	0.0	0.0	14:28	0.0	0.0	14:28	0.1	0.1	-
14:29	0.0	0.0	14:29	0.0	0.0	14:29	0.1	0.1	-
14:30	0.0	0.0	14:30	0.0	0.0	14:30	0.1	0.1	-
14:31	0.0	0.0	14:31	0.0	0.0	14:31	0.0	0.1	-
14:32	0.0	0.0	14:32	0.0	0.0	14:32	0.0	0.1	-
14:33	0.0	0.0	14:33	0.0	0.0	14:33	0.3	0.1	-
14:34	0.0	0.0	14:34	0.0	0.0	14:34	0.2	0.1	-
14:35	0.0	0.0	14:35	0.0	0.0	14:35	0.1	0.1	-
14:36	0.0	0.0	14:36	0.0	0.0	14:36	0.1	0.1	-
14:37	0.0	0.0	14:37	0.0	0.0	14:37	0.2	0.1	-
14:38	0.0	0.0	14:38	0.0	0.0	14:38	0.1	0.1	-

SESI
CONSULTING ENGINEERS

Geotechnical
Foundations
Land Planning
Geo-Structural
Environmental
Water Resources

Principals:

Anthony Castillo, PE
Fuad Dahan, PhD, PE, LSRP
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John M. Nederfield, PE
Justin M. Protasiewicz, PE
Michael St. Pierre, PE
Jose M. Rodriguez, PE

February 12, 2025

Ms. Caroline Jalanti, Professional Engineer I
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

RE: Daily Progress Report – February 11, 2025
Former Ossining Works Site, Operable Unit 1 (OU-1) Site (C360172)
30 Water Street, Ossining, New York
SESI Project No. 11498

Dear Ms. Jalanti:

On behalf of our Client, WB 30 Water Street, LLC (the Volunteer"), SESI Consulting Engineers (SESI) has prepared this Daily Progress Report (DPR) at the request of the New York Department of Environmental Conservation (NYSDEC) regarding construction activities at the above referenced Site. This DPR includes the following:

1. Weather and general details;
2. Actions conducted during the reporting period;
3. Summary of all samples collected for any media;
4. Anticipated actions for the next reporting period;
5. Unresolved delays or issues encountered or anticipated that may affect the schedule and efforts to mitigate such issues/delays; and,
6. Community Air Monitoring Program (CAMP) activities.

SESI performed or coordinated the performance of the activities listed below.

1. GENERAL DETAILS

- The weather was observed to be overcast and 16-33 degrees F.

- The contractors included two (2) staff members from Griffon Construction, eight (8) staff members from Renova, one (1) representative from NYSDEC, one (1) representative from Arcadis, two (2) representatives from SESI.

2. ACTIONS CONDUCTED DURING FEBRUARY 11, 2025

- On the southeast portion of the site, within pilot program area D (ISS-D), In-Situ Stabilization (ISS) operations were performed. Prior to operations commencing, four (4) locations and elevations, adjacent to the corners of the excavation, were recorded by Renova, with their GPS rover.
- Up to 5 feet of soil was excavated from ISS-D/Pilot D and the amendments were added per the table below. Larger material was removed from the mix and stockpiled properly for disposal.
- Due to an operational error with the batch plant, only a portion of the amendment batches were added on this day. The remainder of the amendments will be added the following day to complete the ISS Pilot D.
- Up to 5 feet of soil was excavated from a portion of ISS-J/Pilot J. Concrete was placed in a roll-off container for disposal and all soil was stockpiled separately to prepare for disposal. Due to odors, the excavation was not complete, and the area was backfilled, and plastic was placed above the excavated area to prevent any odors from migrating off-site. The stockpile was covered with foam and plastic to suppress any odors.
- See **Attachment C** and the summary table below.

Table 1. ISS Pilot Grid Amendments

Date	ISS Area	Grid	Volume of Soil Treated (CY)	Mass of PC (Tons)	Mass of GGBFS (Tons)
2/7/2025	ISS-H	Pilot H	301	26.4	8.8
2/11/2025	ISS-D	Pilot D	502	20.4	6.8
	ISS-J	Pilot J			

3. SUMMARY OF SAMPLE COLLECTION

None.

Table 2. ISS Pilot Grid Sample Collection

Date	ISS Area	Grid	Sample 1 depth collected (feet)	Sample 2 depth collected (feet)	UCS Results >50 psi	Permeability Results <10-6 cm/sec
2/7/2025	ISS-H	Pilot H	6-8	12-14	TBD	TBD
	ISS-D	Pilot D				
	ISS-J	Pilot J				

4. ANTICIPATED ACTIONS FOR FEBRUARY 12, 2025

- Continuation of ISS of ISS-D and sample collection (Renova).
- Addressing soil erosion controls (Griffon/Renova)

5. **DELAYS OR MODIFICATIONS TO THE SCHEDULE**
   None.

6. **CAMP ACTIVITIES**
   Community air monitoring has been conducted for the above-mentioned “Actions conducted during February 11, 2025” per the CAMP. Two (2) air monitor stations (AMSs) were located downwind, and one (1) AMS was located upwind of the site’s location. The AMSs were at these locations to monitor areas that are more vulnerable to any dust or vapor generated from the work. Approximately from 7:40 to 7:50, AMS-2’s PID was not sending data to the telemetry system; the PID was troubleshot and the issue was resolved. During the day, no visible dust was observed to be generated, and odor suppressants were used during the ISS operations. No dust or PID exceedances were recorded associated with the Site work operations (**Attachment D)**.

If you have any questions or need additional information, please feel free to call.

Sincerely,
SESI CONSULTING ENGINEERS D.P.C.

Chris Malvicini
Chris Malvicini
Assistant Project Manager

Attachments:
A – Photographs
B – General Site Plan
C – Cell Layout
D – CAMP Data

Attachment A – Photographs



Photo #1

Sample view of southeast portion of the site, pilot area D ISS observations, facing south



Photo #2

Sample view of southwest portion of the Site, pilot area J excavation observations, facing southeast

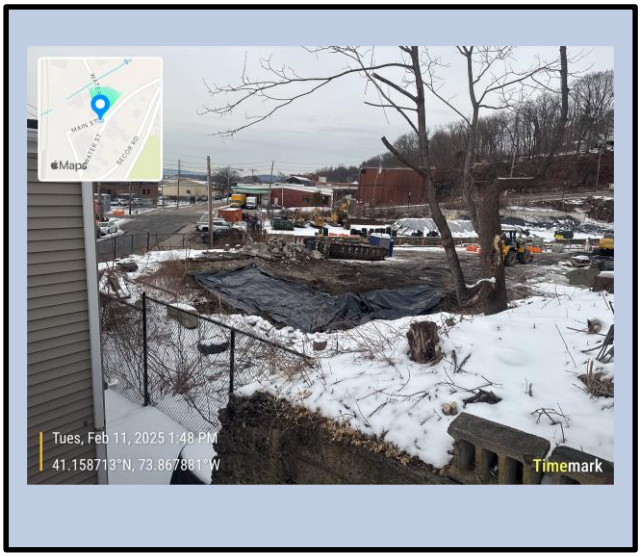


Photo #3

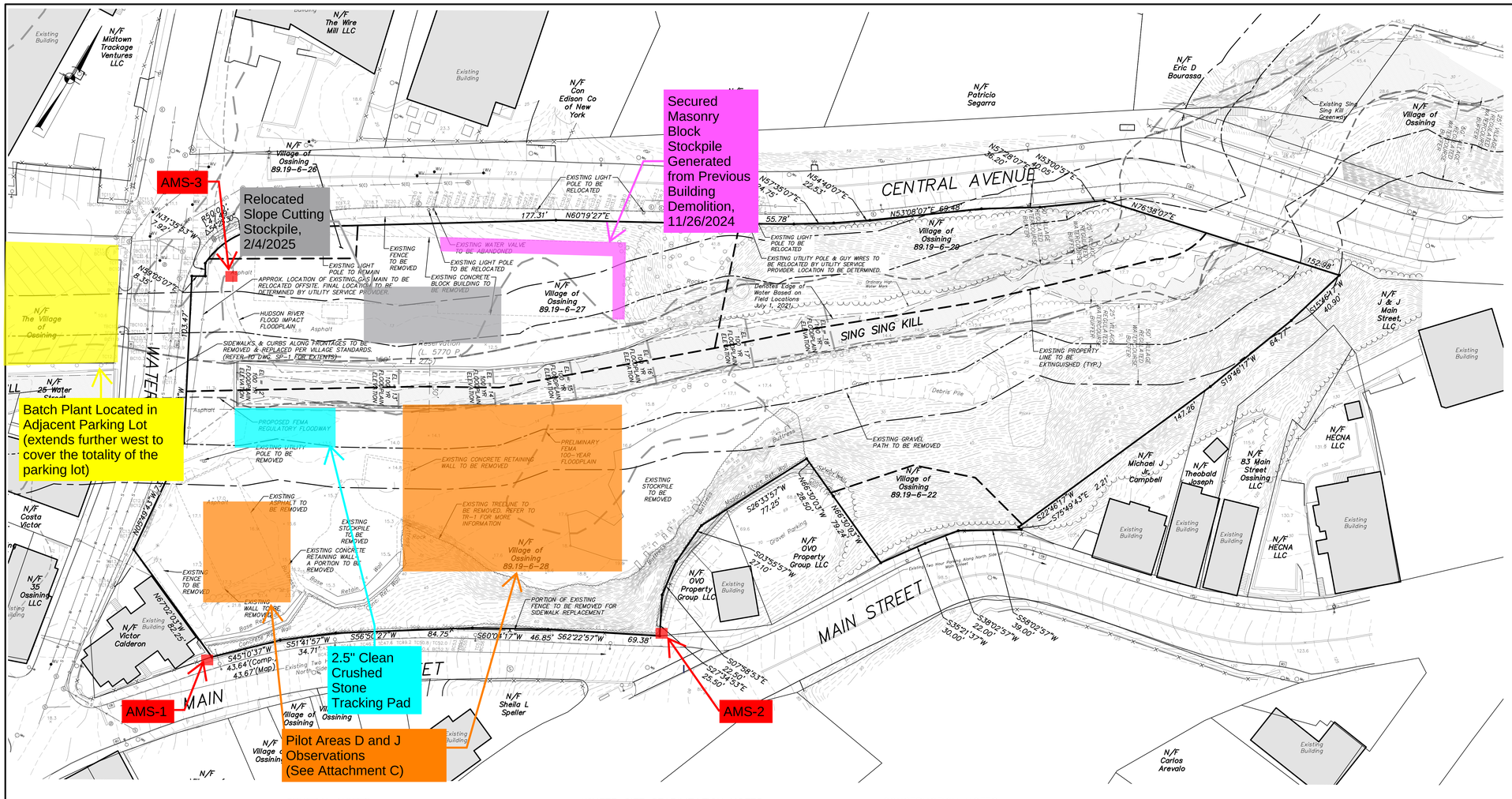
Sample view of southwest portion of site, backfill and covered pilot area J, facing north

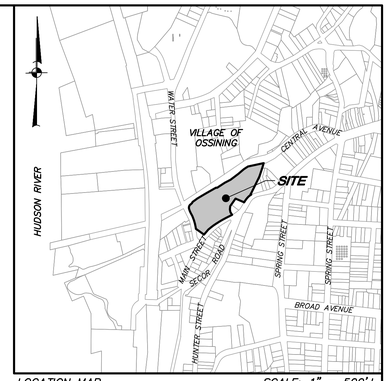


Photo #4

Sample view of northwest portion of the site, AMS-3, facing southeast

Attachment B – General Site Plan





LOCATION MAP SCALE: 1" = 500'±

OWNER:

VILLAGE OF OSSINING
16 CROTON AVENUE
OSSINING, NY 10562

APPLICANT:

WBP DEVELOPMENT, LLC
480 BEDFORD ROAD
CHAPPAQUA, NY 10514-1715

SITE DATA:

Zone:	PW-b (Central Waterfront-Transit)
Total Acreage	3.2 AC ±
Tax Map No.:	89.19-6-22 89.19-6-26 89.19-6-27 89.19-6-28 89.19-6-29

ZONE PW-b BULK ZONING REQUIREMENTS (See notes below for Variances Granted)

	REQUIRED/ PERMITTED	EXISTING	PROPOSED LOT 1	PROPOSED LOT 2 (PROPOSED OPEN SPACE LOT)
Setbacks:				
Minimum Lot Area (s.f.):	40,000 s.f.	3.2 AC ± (139,395 s.f. ±)	2.1 AC ± (89,551 s.f. ±)	1.1 AC ± (49,844 s.f. ±)
Building Width and Open Area (ft.); Section 270-23(F)(2)	Shall not exceed 50% of the width of the parcel (Lot Width x 50% = Building Width)	Permitted: 250'x50%=125' Existing: 47'	Permitted: 252'x50%=126' Provided: 125.33'	N/A
	No structure or building shall exceed 75'	47'	71.5'	N/A
	One uninterrupted space shall be at least 30% of parcel width (250'x30%=75')	194'±	69.8' (Variance granted)	N/A
No Building or part thereof shall be situated within: Section 270-23(D)	20 ft. of any street or 15 ft. of any lot line	10' (Street) 2' (Lot Line)	7.5' (Parking Structure to Street-Variance granted) 0' (Parking Structure to Lot Line-Variance granted) 18.4' (Residential Building to Lot Line) (2 Variances granted)	N/A
Minimum Setback for Parking or Loading Areas from Street or Lot Line (ft.); Section 270-23(D)	10 ft.	0' (Lot Line)	0' (For Parking Structure to Lot Line) (Variance granted)	N/A
Minimum distance between any two Buildings (except Attached Dwellings sharing a Party Wall)(ft.):	50 ft.	N/A	62.5'	N/A
Maximum spacing between Pedestrian Building Entrances on Main, Secor, Central and Water Street Frontages (ft.):	70 ft.; entrances must be useable for ingress and egress by building users	Water Street N/A Central Avenue N/A Main Street N/A	N/A N/A (Parking garage) N/A (Parking garage)	N/A N/A N/A
Maximum Parking along Street Frontage:	30% of total street frontage for any given lot along Water Street, Central Main and Secor Street (Lot 1): Water Street = 198' x 0.3 = 59' Central Avenue = 348.6' x 0.3 = 104.6 (Lot 1) Main Street = 370' x 0.3 = 111'	Water Street N/A Central Avenue 348.6' Lot 1 Main Street 356'	32% (Variance granted) 73% (Variance granted) N/A	N/A N/A N/A
Residential Requirements:				
Density (3):	15 units per acre pursuant to §270-23	N/A	N/A	N/A
Density (Special Permit Application) (3):	**Baseline density: 22 units per acre up to 32 dwelling units per acre pursuant to §270-23. 125 units (see calculation below)	N/A	109 (2)	
Bedroom Mix:	One-bedroom units or studios: 10% of total units, two-bedroom units: 20% of total units	N/A	40-One Bedroom (37%) 60-Two Bedroom (55%) 9-Three Bedroom (8%)	
Heights:				
Maximum Building Height:	No building shall extend more than 4.0 stories or 48 ft. from either the average elevation of the proposed finished grade of the site or the Water Street, Central Avenue, State Street, Main Street and Secor Road, whichever is greater; no building shall extend more than 1.0 story or 16 ft. above Market or Hunter Streets	Less than 48'	Less than 48' – Refer to Mixed Use Building Elevation prepared by Beyer Blinder Belle Architects & Planners LLP dated 4-7-22	N/A
Coverage:				
Maximum Impervious Coverage:	60%	19.2%	65.9% (Variance granted)	5.9%
Maximum Building Coverage:	40%	7.5%	38.3%	N/A
Open Space:				
Minimum Open Space:	15% of Lot Area	50%	49%	100%
VARIANCES NEEDED FOR LOT 1:	REQUIRED:		PROVIDED:	
Section 270-23(F)(3)a. Habitable floor area for the proposed residential apartments.	1-bedroom: 600 S.F. 2-bedroom: 750 S.F. 3-bedroom: 1,000 S.F.		490 S.F.(Variance granted) 655 S.F. (Variance granted) 823 S.F.(Variance granted)	N/A N/A N/A
Section 270-28(C)b. Where feasible access to lots fronting on more than one street shall be from a non-residential street.	See column to left		Access provided from Water St. and Central Ave.	Variance to allow access from Water St. and Central Ave.
Section 270-28(F)a. Not providing 25-foot buffer on each side of watercourse.	25'		0'	25'
Section 270-30(A)(5)a. Having Parking in front yard.	Assumed 15'		0'	15'
Section 270-30(A)(6)a. Proposing to install a driveway entrance within 50 feet of an intersection.	50'		39.5'	10.5'
Section 270-30(9)(B)a. Proposing parking on the first floor extending a minimum of 40 feet back from the building line.	40' from building		0'	40'

(1) Uninterrupted space requirement can be excluded if the planning board determines the structure to be irrelevant to preserving view corridors either to or from the Hudson River.

(2) Pursuant to section 270-23 I (4), the following has been incorporated into the site plan in pursuit of a density bonus:
- 270-23 I (4)(b) – Provision of Public Park or Public Open Space.
- 270-23 I (4)(d) – Use of Green Building Techniques.
- 270-23 I (4)(e) – Brownfields Remediation.
- 270-23 I (4)(f) – Contribution to non-site related infrastructure improvements.
- 270-23 I (4)(h) – Stream bank restoration or stabilization.
- An additional 15% increase in density is permitted based on the provision of affordable housing.
- Pursuant to section 270-23 I (8), the total property area or 3.2 acres was used to establish the permitted density.
- Special permit density= 32x3.2=102 units.
- Additional 15% density permitted by providing affordable housing= 102x15%=15 units.
- Total permitted density= 102+15=117 units.

(3) The density calculations have been based on the full 3.2 acre area.

(4) Noted variances were granted by the Village of Ossining Zoning Board of Appeals on November 29, 2022.

(5) A parking variance was granted by the Zoning Board of Appeals on December 12, 2023 for the size of the proposed spaces.

(6) A variance was granted by the Zoning Board of Appeals on December 12, 2023 for exceeding the maximum 6% grade permitted within 25 feet of the street line.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING PROPERTY LINE TO BE EXTINGUISHED
- EXISTING BUILDING
- EXISTING BUILDING TO BE REMOVED
- EXISTING STONE & MASONRY RETAINING WALL
- EXISTING CONCRETE CURB
- EXISTING RETAINING WALL
- PRELIMINARY FEMA 100-YEAR FLOODPLAIN
- EXISTING HUDSON RIVER FLOOD IMPACT FLOODPLAIN
- EXISTING 50' VILLAGE REGULATED WATERCOURSE BUFFER
- EXISTING 25' VILLAGE REGULATED WATERCOURSE BUFFER PER §270-28F
- EXISTING WATERCOURSE
- EXISTING TREELINE
- EXISTING CROSSWALK
- EXISTING FENCE TO BE REMOVED
- EXISTING PARKING STRIPING
- EXISTING UTILITY POLE
- EXISTING UTILITY POLE TO BE REMOVED
- EXISTING POST MOUNTED LIGHT
- EXISTING OVERHEAD WIRE
- EXISTING VILLAGE OF OSSINING SEWER MAIN
- EXISTING COUNTY SEWER MAIN
- EXISTING UNDERGROUND WATER MAIN
- EXISTING SEWER MANHOLE
- EXISTING HYDRANT
- EXISTING WATER VALVE
- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- EXISTING TREE

GENERAL NOTES:

1. Property line shown hereon is based upon a survey performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed on July 29, 2021.
2. Topographic shown hereon is based upon field work conducted by Insite Engineering, Surveying & Landscape Architecture, P.C., completed October 2023 and aerial photography dated December 7, 2017 which is photogrammetrically compiled. Elevations shown hereon conform to the North American Vertical Datum of 1988 (NAVD 88). The contour interval is 1'.
3. Planimetric details shown hereon were derived from Aerial Photography dated December 7, 2017 by GEO Maps International and field work performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed July 2021, February & March 2022, and October 2023.
4. Offsite property lines based on Westchester County GIS, aerial pictometry, and municipal tax mapping.
5. Floodplain elevations and Hudson River Flood Impact lines shown hereon taken from Scenic Hudson, NYS Flood Impact Decision Support System (FIDSS), and the Flood Emergency Management Agency (FEMA).
6. 11 parking spaces are proposed to be eliminated along Central Avenue.
7. All retaining walls are to be designed by a NYS Licensed Professional Engineer prior to issuance of a building permit and the construction of the retaining walls are to be certified by the Design Professional prior to issuance of the certificate of occupancy.

REMOVAL NOTES

1. Prior to submitting the bid, the contractor shall visit the site and familiarize themselves with the site conditions and existing improvements to be removed.
2. The contractor shall provide all removals incidental and necessary to execute the work prescribed in the contract documents. All existing features specified to be removed shall be removed in their entirety unless otherwise authorized in writing by the owner or the project engineer.
3. These drawings are intended to show an overall Limit of Disturbance and general features to be removed. Not all features incidental to the general scope of the site work have been shown to be removed. The contractor shall be responsible for all removals within the limits of both above and below grade features, necessary for the construction of the site improvements shown hereon.
4. Refer to construction sequence prepared by owner for sequence of utility removal and replacement.
5. All underground utility piping (water, sewer, drainage conduits) shall be capped and abandoned in place. All abandoned pipes left in place shall be filled with controlled low strength material (CLSM) sealing both ends. Any exposed utility piping shall be cut and removed such that a minimum of 1' of soil cover is maintained on all pipes that are to be capped and left in place.
6. All building materials shall be demolished and removed from the site.
7. Burying of any demolished building materials on site is prohibited. Building foundations may be crushed and abandoned, filled in and restored in accordance with the project specifications.
8. For any below grade slab or bottom of tank that is to be demolished and abandoned in place, the concrete shall be pulverized so that there are no pieces of concrete remaining that are larger than 3 ft by 3 ft.
9. Remove existing electrical wiring and conduit back to the source panel.
10. Refer to the Project Specifications for hazardous material disposal.

EXCAVATION NOTES:

1. All pavement to be saw cut to its full depth by the contractor prior to excavation.
2. The Contractor shall provide sheeting, shoring, a benched excavation, or a sloped excavation for all excavations 5.0 feet or greater in depth.
3. All sheeting and shoring protective systems used for excavation shall be designed and stamped by a NYS licensed Professional Engineer.
4. Where construction crosses or is adjacent to existing utility lines (fuel, water, gas, telephone, electric or communication), the contractor shall carefully hand excavate so as to locate, mark and protect the utility lines against disturbance or damage by providing adequate support and protection as approved by the Engineer. The contractor shall repair any power or communication interruption immediately, at no additional cost to the owner.
5. Trench excavation outside of temporary construction fence is to be backfilled on the same day as excavation. Temporary orange construction fence is required around these work areas for on going work.
6. All utility trenching in and adjacent to roadways shall be backfilled prior to the end of the work day, unless otherwise authorized by the Engineer. Item 4 shall be temporarily brought to the surface of the utility trench flush with the adjacent pavement and maintained until the final pavement is installed. Road plates, if used, shall be designed to meet H25 loading requirements.
7. Excavations needing to be open greater than a single day on the property shall have 6' temporary chain link fence installed overnight or when no work is being performed at the location. Temporary orange construction fence shall be in place when work is being performed.

WINTER SITE STABILIZATION NOTES:

1. All bare / exposed soils must be stabilized by an established vegetation, straw or mulch, matting, or other approved product such as rolled erosion control product.
2. Sediment barriers must be properly installed at all necessary perimeter and sensitive locations.
3. All slopes and grades must be properly stabilized with approved methods. Rolled erosion control products must be used on all slopes greater than 3:1, or where conditions for erosion dictate such measures.
4. Stockpiled soils must be protected by the use of established vegetation, an anchored-down straw or mulch, rolled erosion control product or other durable covering. A barrier must be installed around the pile to prevent erosion away from that location.
5. All entrance / exit locations to the site must be properly stabilized and must be maintained to accommodate snow management as set forth in the NYS Standard and Specifications for Erosion and Sediment Control.
6. Snow management must not destroy or degrade erosion and sediment control devices.

UTILITY NOTES:

1. The locations of existing utilities, water, sewers, and drainage structures have been indicated based on the best available information. It is possible that the actual subsurface utilities and piping may vary from that indicated. Therefore, prior to starting work in any area, the contractor shall take the necessary steps to determine the locations of all existing underground piping, conduit and structures. The contractor shall carry out their operations in such a manner as to prevent interference with lines which are to remain. Any pipe or conduit disturbed in the course of contract shall be repaired by the contractor at no extra cost to the owner.
2. Existing utility locations, sizes and elevations to be verified by contractor prior to the start of construction and any discrepancies reported to the project engineer immediately.
3. Whenever a connection to an existing pipe or structure is shown, the contractor shall confirm existing pipe materials of construction, dimensions, and connection requirement prior to submitting materials for approval.
4. When structures are to be placed on existing utility lines or where the proposed utility lines are assume to cross existing utilities, the contractor shall locate the existing utility and shall verify its existing invert elevation. The contractor shall notify the engineer if different utility invert elevations or locations are revealed by field exploration.
5. Where interference with other utilities or construction are encountered during construction of new utility lines, the contractor may adjust the alignment or invert elevations of that system only at the direction of the project engineer.
6. All existing utilities shall be removed to the main unless otherwise permitted by the utility service provider.
7. It shall be the contractor's responsibility to locate all overhead wires and utility poles, if any, in the vicinity of the proposed work. Furthermore, it is the contractor's responsibility to make the necessary arrangements to perform the work in the vicinity of these overhead wires.
8. The contractor shall exercise extreme caution when working adjacent to active power and communication lines to prevent damage to these lines. The contractor shall hand excavate test pits to expose those lines prior to performing any other excavation work in the area. The contractor shall repair at their expense, any power or communication interruption immediately.
9. Should any utility poles require bracing or relocating to accomplish the proposed work, it shall be the contractor's responsibility to make the appropriate arrangements to properly secure or relocate such utility poles. The contractor will not receive any additional payment for utility pole bracing or relocating. The contractor must include any costs for such work within their bid submittal.
10. The location of the proposed electric and gas service lines for the property are approximate and subject to the utility company design. The contractor shall coordinate with the owner and utility service provider(s) to determine the location of the site's electric and gas service connections. The contractor shall be responsible for obtaining all required permits necessary for the installation of utility connections, and shall provide electric service lines to each light in accordance with the owner's direction, manufacturer's specifications, and applicable electric code.
11. The gas, electric and communication utilities shall be installed in accordance with the utility provider specifications including but not limited to providing the proper bedding, cover, and detectable warning tape / wire.
12. All sewer manhole pipe penetrations shall be provided with a waterproof rubber boot and gasket.
13. For cuts and fills are proposed over existing utilities. Site contractor shall protect all utilities whether shown or not shown during earthwork operations. Site contractor shall lower existing utilities as required to maintain adequate cover and adjust access and covers for existing structures to proposed grade.
14. Site contractor shall be responsible for trenching and backfill of electrical (including lighting) and communication conduits, including bedding materials. See electrical drawings for trench details. Electrical contractor shall be responsible for installation of conduit and wiring. Site contractor shall be responsible for setting light pole bases. Electrical contractor shall be responsible for setting light poles, conduit and wiring. Site contractor shall be responsible for installation of transformer pads. Electrical contractor shall be responsible for installation of conduits, transformers and wiring.
15. The location of the existing gas main internal to the site, running parallel with Water Street shown on this drawing is shown as approximate based on utility markout by others. Said gas main is proposed to be removed and relocated off site by the utility service provider. The new location of the gas main is unknown and currently not shown on any site plans prepared by Insite Engineering, Surveying, and Landscape Architecture, P.C.

CONSTRUCTION NOTES:

1. The contractor is advised that additional notes will be found on subsequent drawings and such notes, while pertaining to the specific drawings they are placed in, also supplement the construction notes listed herein.
2. All work and materials shall be in accordance with these plans and project specifications.
3. The contractor shall notify the Engineer 72 hours prior to start of work.
4. The subject project has coverage under the New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity, permit No. GP-0-20-001. As required by the permit all contractors and subcontractors will be required to sign a certification statement that they understand and agree to comply with the requirements of GP-0-20-001.
5. The contractor shall have a representative onsite that is a NYSDEC Trained Contractor at all times site work is being performed under this contract. The contractor shall provide a contractor's certification as contained in the NYSDEC Construction Site Logbook to the project engineer upon start of construction.
6. The contractor shall coordinate the layout of the work with the owner, and the project engineer, and eliminate all conflicts including but not limited to utility location conflicts, prior to commencement of any proposed work.
7. The contractor shall coordinate their construction operations with the project engineer and any other contractors/subcontractors and construction activities occurring simultaneously on the property.
8. It shall be the contractor's/subcontractor's responsibility to provide sanitary facilities (i.e. porta-john (and other necessary temporary facilities) throughout the duration of construction.
9. The contractor shall be responsible for providing all power, water, and other resources necessary to complete the project work.
10. Minimum OSHA site standards must be maintained including personal protective equipment and vests. The contractor shall be responsible for guarding and protecting all open excavations in accordance with the latest edition and current OSHA requirements.
11. The contractor shall field verify all dimensions relative to the scope of work.
12. The contractor shall stake out the limits of clearing and it shall be reviewed with the project engineer prior to the start of clearing operations. Existing trees to remain outside the limits of clearing shall be protected per the detail.
13. It shall be the contractor's responsibility to identify and protect all underground utilities. The contractor shall contact Dig Safely New York at 811 or 1-800-962-7962 and any other required utility locators prior to the start of construction.
14. The exact location, size, and type of the existing utilities may differ from what is shown hereon. The contractor shall field verify the location, size and type of the existing utilities by performing a test pit ahead of construction as necessary to permit revisions to meet existing utilities or relocate proposed utilities as required. Horizontal location and elevation of the existing utility as determined by test pit shall be provided to the project engineer.
15. The contractor shall field verify the existing grades / utility locations prior to commencement of any work. Any discrepancy shall be reported to the project engineer when identified.
16. The contractor shall perform all work with care so that any materials which are to remain in place, or which are to remain on the property, shall not be damaged. The contractor will be held responsible for all damage caused to existing utilities / features / facilities / vegetation during execution of the work not proposed to be modified or removed by these plans. All damage to any existing utilities / features / facilities / vegetation not proposed to be modified by the contract shall be repaired or replaced by the contractor to the satisfaction of the owner at no additional cost.
17. Original condition shall mean the condition in which the feature was found (or better) at the start of construction.
18. The contractor shall be responsible for the implementation and maintenance of erosion and sediment controls (shown or not) as necessary to prevent erosion and migration of sediment outside of the contract limit line or into the stormwater collection system. Erosion and sediment controls may include but are not limited to silt fence, stabilized construction entrance, berms and inlet protection. All erosion and sediment controls shall be installed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. Additional erosion and sediment controls may be required during construction by the project engineer. All disturbed areas shall be stabilized in accordance with the Erosion & Sediment Control Notes and details.
19. Silt fence shall be installed parallel to the contours.
20. Contractor is responsible for protecting soil stockpiles, trenches, and building excavations against weather. No additional fee will be paid to the contractor for removal and replacement of suitable soils due to degradation from weather related events.
21. During execution of the work, the contractor shall be responsible for dewatering and control of surface water in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. The New York State Standards and Specifications for Erosion and Sediment Control can be found at http://www.dec.ny.gov/chemical/29066.html.
22. All existing pavement shall be cleaned and swept prior to the completion of construction.
23. The contractor shall provide temporary construction fence for all work areas including the material storage/staging areas.
24. All personal vehicles, materials, and construction equipment must be kept within the construction staging area. Use of additional onsite storage areas must be pre-authorized by the owner of the property.
25. Trees shown on the plans for reference only. All trees and vegetation within the contract limit line shall be removed unless otherwise labeled to be protected and saved. Not all trees to be removed may be shown.
26. Topsoil and subsoil shall be stripped, screened, and stockpiled in locations shown for future use. The contractor must keep enough topsoil onsite for final restoration. Four inches of screened topsoil shall be placed and raked finish to finish grade over all disturbed areas not covered by pavement, concrete and/or gravel surfaces, unless otherwise noted.
27. The contractor shall maintain existing grades unless otherwise noted.
28. Contractor shall be responsible for removal of all excess rock, topsoil, subsoil, and construction debris from the site.
29. There shall be no burying of construction and demolition (C&D) debris or stumps on site. All C&D debris and stumps must be removed by the contractor, and disposed of in accordance with all pertinent regulations.
30. All proposed concrete drainage structures shall be precast concrete and all structures, frames, and grates are to meet H-20 loading requirements.
31. Design Engineer to approve locations and elevations of all structures prior to placement.
32. Where side drain inlets are proposed the Contractor shall extend the upstream swale to the side inlet of the drainage structure.
33. Unless otherwise shown on the drawings the contractor shall match the material, thickness and quality of all existing pavements that are to be replaced.
34. Temporary asphalt wedges shall be placed in all areas open to vehicular access. The wedges shall be installed between any sudden abrupt grade changes in excess of 1" as a result of construction. All temporary wedges shall be removed prior to placement of asphalt course.
35. The contractor will be responsible for the implementation of all maintenance and protection of traffic (MPT) measures if necessary. MPT shall include but not be limited to placement of traffic cones and warning signs around work zone. Safe and adequate pedestrian vehicular traffic flow shall be maintained at all times to the existing buildings, while the work is in progress. The contractor shall submit for approval of the architect, a construction sequence schedule and plan for pedestrian and vehicular traffic flow.
36. A retaining wall design signed and sealed by a NYS licensed Engineer shall be submitted to the Consulting Town Engineer prior to the construction of any wall greater than 4 feet in height.
37. For work/improvements within Village of Ossining right-of-way, should a discrepancy come up between what is specified hereon and the Village of Ossining standards, the Village standard/standard details will control.

PARKING REQUIREMENTS:

Required – Residential		
1 parking space per 1 bedroom unit	40 units x 1.0 =	40 spaces
1.5 parking spaces per 2 bedroom unit	60 units x 1.5 =	90 spaces
1.5 parking spaces per 3 bedroom unit	9 units x 1.5 =	13.5 spaces
		144 spaces
Required – Retail		
1 parking space per 350 s.f.	3,170 s.f. / 350 =	10 spaces
Total Parking Spaces Required:		154 spaces
Total Parking Spaces Provided:		154 spaces

1. A parking allocation for the community space is not provided as it is accommodated in the 1st level of the parking structure.
2. The total parking provided above (154 spaces) does not include level four of the parking structure or on street parking spaces.

GRAPHIC SCALE

0 15 30 60

(IN FEET)
1 inch = 30 ft.

NO.	DATE	REVISION	BY
7	8-5-24	REVISED FOR ACOE SUBMISSION	TSM
6	7-31-24	REVISED FOR VILLAGE PLANNING / BAR SUBMISSION	MEU
5	7-25-24	BULLETIN 01	MEU
4	5-22-24	REVISED FOR WCDOH SUBMISSION	TSM
3	4-5-24	100% CONSTRUCTION DOCUMENTS	TSM
2	4-5-24	ISSUED FOR PERMIT REVISION	TSM
1	3-5-24	ISSUED FOR 70% CDs	TSM

INSITE
ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.
3 Garrett Place
Carmel, NY 10512
(845) 225-9690
(845) 225-9717 fax
www.insite-eng.com

PROJECT:
WBP/OSSINING DPW
STATION PLAZA
30 WATER STREET, VILLAGE OF OSSINING, WESTCHESTER COUNTY, N.Y.

DRAWING:
EXISTING CONDITIONS

STATE OF NEW YORK — RICHARD D. WILLIAMS — 085868 — LICENSED PROFESSIONAL ENGINEER

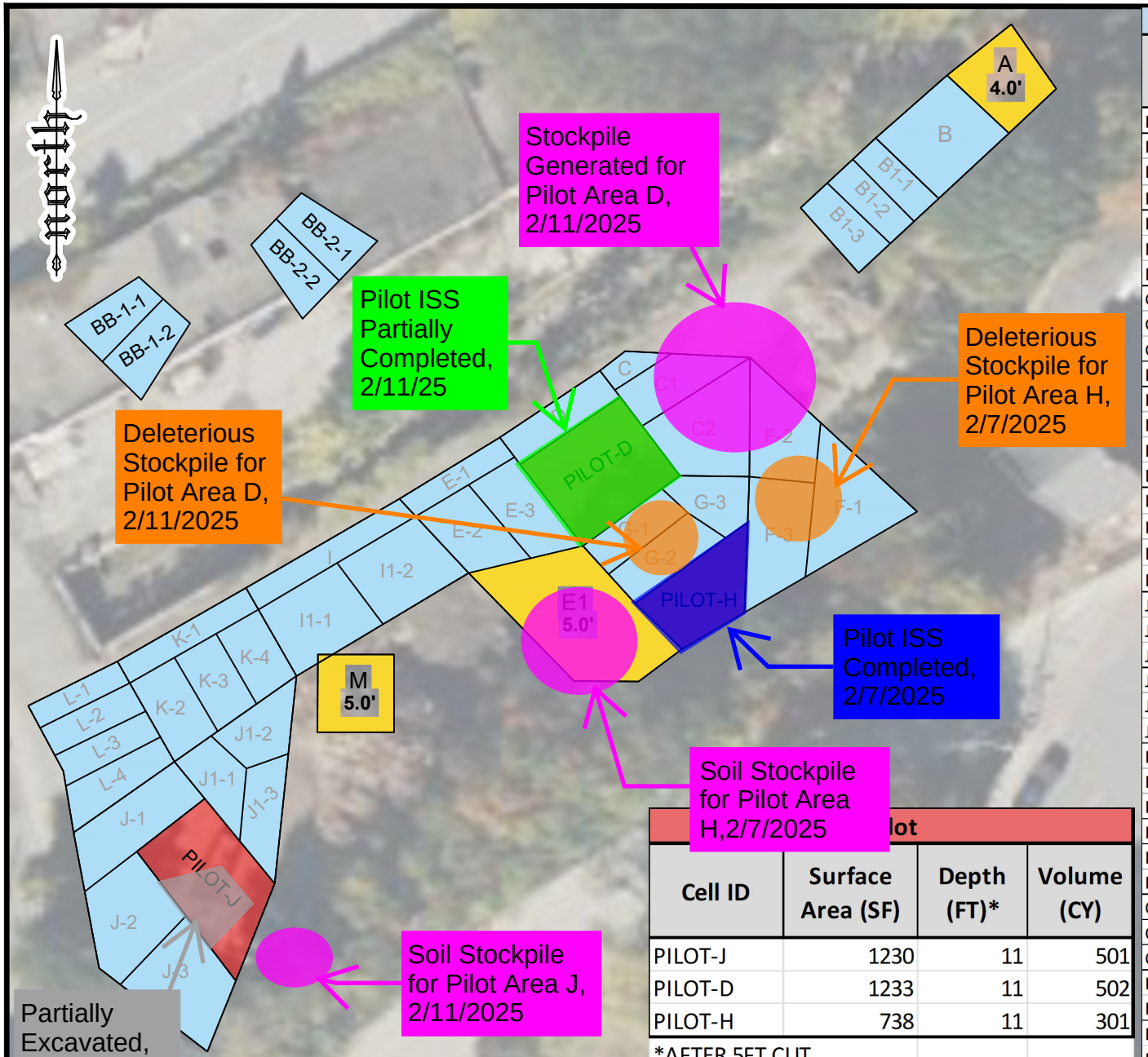
PROJECT NUMBER	20190.100	PROJECT MANAGER	R.D.W.
DATE	3-5-24	DRAWN BY	E.R.A.
SCALE	1" = 30'	CHECKED BY	D.L.M.

DRAWING NO. EX-1 SHEET 1 / 13

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

Z:\ECS\20190\00 - WB Docmng\DPW\01 EX-1.dwg, 8/2/2024 11:49:24 AM, Insite, 1:1

Attachment C – Cell Layout



Environmental Mix Areas				
Cell ID	Surface Area (SF)	Depth (FT) (From existing Grade)	Depth (FT) (After 5ft Cut)	Volume (CY)
B	835	13	8	247
B1-1	289	34	29	310
B1-2	299	34	29	322
B1-3	353	34	29	380
F-1	828	16	11	337
F-2	633	16	11	258
F-3	729	16	11	297
G-1	367	25	20	272
G-2	443	25	20	328
G-3	369	25	20	273
D	410	16	11	167
K-1	377	22	17	237
K-2	467	22	17	294
K-3	405	22	17	255
K-4	389	22	17	245
L-1	254	27	22	207
L-2	326	27	22	266
L-3	323	27	22	263
L-4	421	27	22	343
J-1	715	16	11	291
J-2	777	16	11	317
J-3	803	16	11	327
J1-1	376	27	22	307
J1-2	410	27	22	334
J1-3	410	27	22	334
E-1	285	20	15	158
E-2	516	20	15	287
E-3	539	20	15	299
I	444	12	7	115
I1-1	742	15.5	10.5	288
I1-2	740	15.5	10.5	288
C	133	11.5	6.5	32
C1	451	15	10	167
C2	827	14	9	276
BB-1-1	377	42	37	516
BB-1-2	409	42	37	560
BB-2-1	411	42	37	563
BB-2-2	400	42	37	548

lot			
Cell ID	Surface Area (SF)	Depth (FT)*	Volume (CY)
PILOT-J	1230	11	501
PILOT-D	1233	11	502
PILOT-H	738	11	301
*AFTER 5FT CUT			

LEGEND:

PILOT MIX AREA

ISS MIX AREA

CELL BORDER

EXCAVATION ONLY AREA

SCALE IN FEET

0 25 50

CELL LAYOUT

30 WATER STREET
OSSINING, NEW YORK

FIGURE 3

DATE: 2/3/2025

DRAWN BY: BI

Attachment D – CAMP Data

SESI CONSULTING ENGINEERS

959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

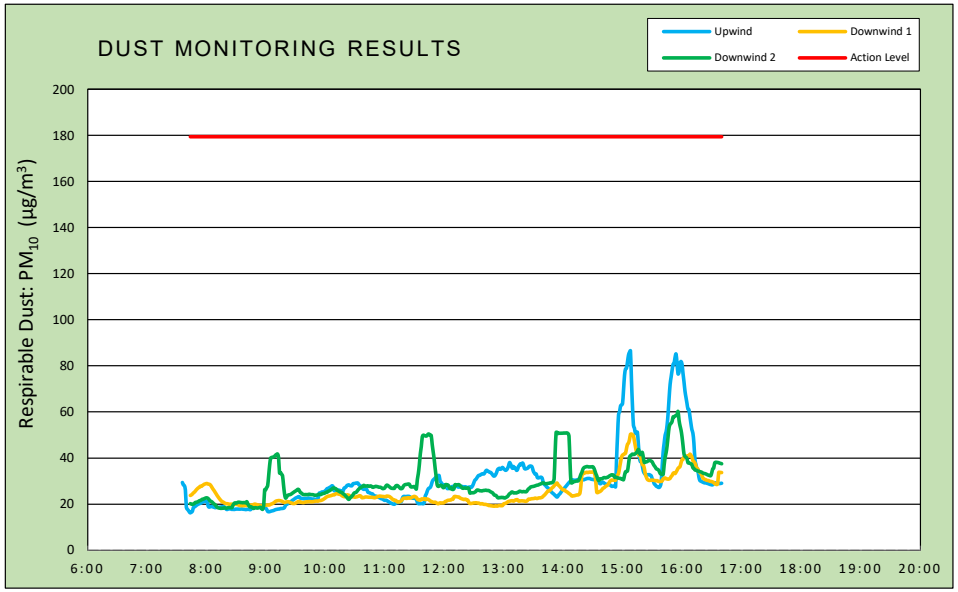
DAILY AIR MONITORING REPORT
30 Water Street
Ossining, New York

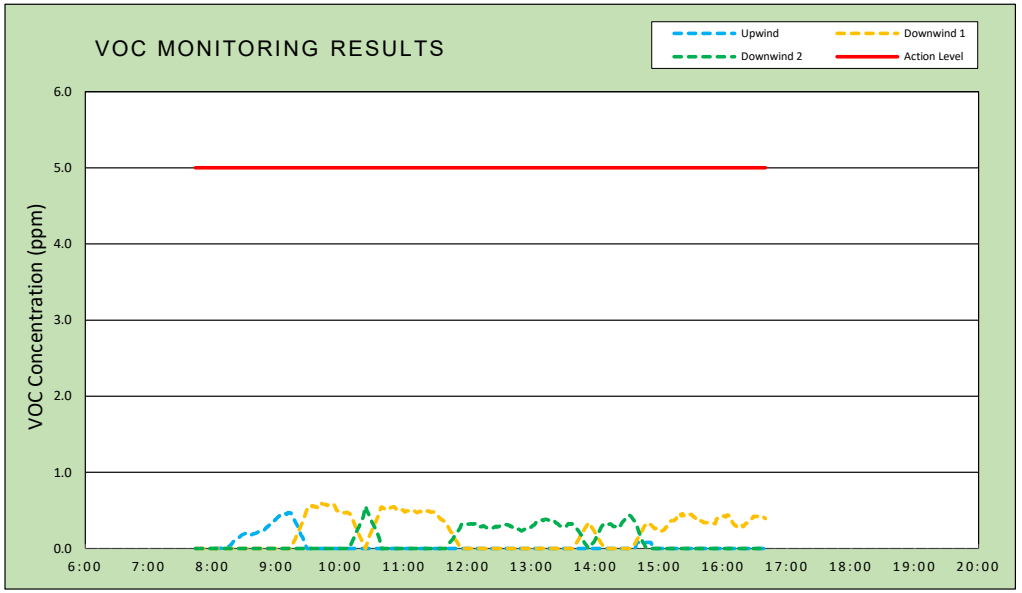
02/11/2025

Rev. No. 0	Page 1 of 2
Project Number: 11498 Phase 32	
Dust Action Level	179.4 µg/m^3
VOC Action Level	5.0 ppm

Weather Data Range for Work Day		Wind Direction	SSW	Relative Humidity (%)	49.0 - 81.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	16.0 - 33.0	Wind Speed (MPH)	0.5 - 3.2	Barometer (inHg)	30.30 - 30.50	Avg. Dew Point Temp (°F)	16.5	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	30.2	86.5	15:08	0.0	0.5	9:11
Downwind 1	25.5	50.4	15:09	0.2	0.6	7:45
Downwind 2	30.1	60.2	15:56	0.1	0.6	7:44



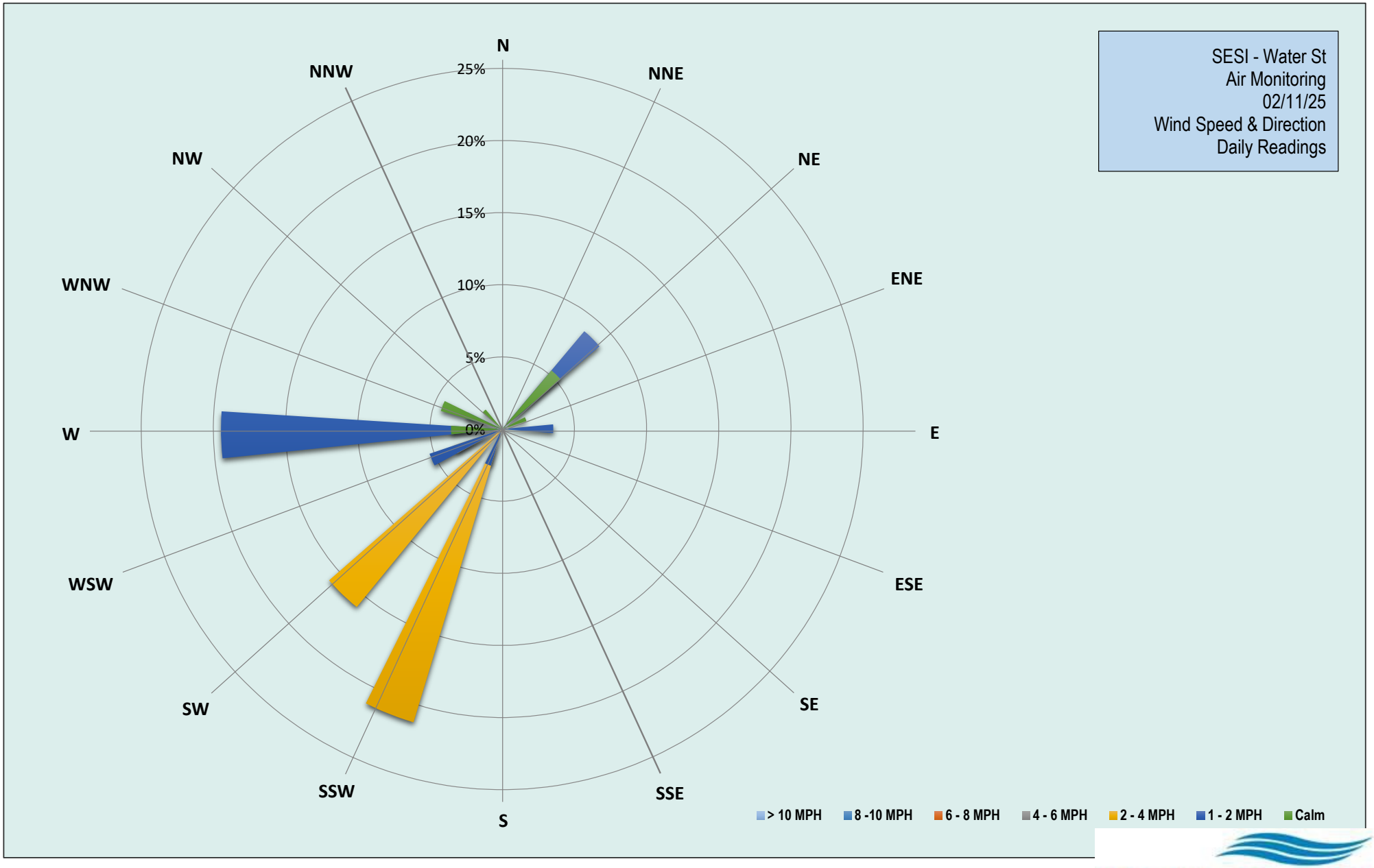


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

Tuesday, February 11, 2025

Number of Instances Where Downwind Particulates Exceeds 179.4 =	**0**
Number of Comparable Data Points =	**537**
Start Time:	**7:21**
End Time:	**16:40**

PARTICULATE DATA

Upwind			Downwind			Downwind			
Time	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Time**	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Time**	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Exceeds Particulate Alarm Limit**
7:21	0.0	-	7:21	-	-	7:21	-	-	-
7:22	33.0	-	7:22	-	-	7:22	-	-	-
7:23	21.0	-	7:23	-	-	7:23	-	-	-
7:24	45.0	-	7:24	-	-	7:24	-	-	-
7:25	130.3	-	7:25	-	-	7:25	-	-	-
7:26	25.8	-	7:26	-	-	7:26	-	-	-
7:27	21.8	-	7:27	-	-	7:27	-	-	-
7:28	24.3	-	7:28	-	-	7:28	-	-	-
7:29	20.5	-	7:29	0.0	-	7:29	13.0	-	-
7:30	10.0	-	7:30	21.0	-	7:30	20.3	-	-
7:31	17.8	-	7:31	21.0	-	7:31	20.8	-	-
7:32	19.5	-	7:32	19.3	-	7:32	20.8	-	-
7:33	18.5	-	7:33	22.3	-	7:33	21.5	-	-
7:34	18.8	-	7:34	22.3	-	7:34	20.0	-	-
7:35	18.8	-	7:35	22.8	-	7:35	23.0	-	-
7:36	16.0	29.4	7:36	24.8	-	7:36	20.5	-	-
7:37	16.8	28.3	7:37	25.0	-	7:37	20.3	-	-
7:38	16.5	28.0	7:38	26.5	-	7:38	18.5	-	-
7:39	17.8	26.2	7:39	24.0	-	7:39	19.5	-	-
7:40	16.0	18.6	7:40	30.8	-	7:40	24.0	-	-
7:41	14.3	17.8	7:41	24.3	-	7:41	20.3	-	-
7:42	14.0	17.3	7:42	24.5	-	7:42	19.5	-	-
7:43	14.3	16.6	7:43	23.8	-	7:43	17.5	-	-
7:44	14.3	16.2	7:44	24.5	23.8	7:44	17.0	20.2	-
7:45	16.8	16.7	7:45	24.3	24.0	7:45	17.5	20.0	-
7:46	19.8	16.8	7:46	26.3	24.3	7:46	18.8	19.9	-
7:47	44.0	18.4	7:47	26.8	24.8	7:47	23.0	20.1	-
7:48	23.5	18.8	7:48	27.3	25.2	7:48	25.0	20.3	-
7:49	23.3	19.1	7:49	29.3	25.6	7:49	26.5	20.7	-
7:50	24.0	19.4	7:50	31.0	26.2	7:50	24.0	20.8	-
7:51	21.0	19.7	7:51	31.5	26.6	7:51	22.8	20.9	-
7:52	20.3	20.0	7:52	31.0	27.0	7:52	23.0	21.1	-
7:53	19.5	20.2	7:53	30.5	27.3	7:53	23.3	21.4	-
7:54	20.3	20.3	7:54	30.8	27.8	7:54	21.8	21.6	-
7:55	18.3	20.5	7:55	29.3	27.7	7:55	26.8	21.8	-
7:56	18.3	20.8	7:56	29.5	28.0	7:56	25.5	22.1	-
7:57	17.5	21.0	7:57	29.0	28.3	7:57	20.0	22.2	-
7:58	16.8	21.2	7:58	28.5	28.6	7:58	20.8	22.4	-
7:59	16.5	21.3	7:59	26.5	28.8	7:59	20.0	22.6	-
8:00	16.0	21.3	8:00	26.5	28.9	8:00	19.8	22.7	-
8:01	15.8	21.0	8:01	26.5	28.9	8:01	18.3	22.7	-
8:02	16.8	19.2	8:02	23.3	28.7	8:02	18.8	22.4	-
8:03	16.0	18.7	8:03	26.5	28.6	8:03	17.8	21.9	-
8:04	27.0	18.9	8:04	25.8	28.4	8:04	17.3	21.3	-
8:05	24.5	19.0	8:05	22.5	27.8	8:05	22.3	21.2	-
8:06	21.8	19.0	8:06	20.8	27.1	8:06	18.3	20.9	-
8:07	16.5	18.8	8:07	20.8	26.4	8:07	16.5	20.5	-
8:08	17.8	18.6	8:08	21.8	25.9	8:08	17.0	20.0	-
8:09	17.8	18.5	8:09	20.3	25.2	8:09	17.8	19.8	-
8:10	19.5	18.6	8:10	19.3	24.5	8:10	17.8	19.2	-
8:11	19.0	18.6	8:11	18.8	23.8	8:11	17.8	18.7	-
8:12	16.8	18.6	8:12	19.8	23.2	8:12	17.3	18.5	-
8:13	17.8	18.6	8:13	19.5	22.6	8:13	18.3	18.3	-
8:14	17.8	18.7	8:14	18.3	22.0	8:14	18.8	18.2	-
8:15	17.0	18.8	8:15	19.3	21.5	8:15	18.8	18.2	-
8:16	17.3	18.9	8:16	19.8	21.1	8:16	19.3	18.2	-
8:17	17.3	18.9	8:17	21.3	20.9	8:17	18.5	18.2	-
8:18	17.5	19.0	8:18	21.8	20.6	8:18	20.0	18.4	-
8:19	17.5	18.4	8:19	22.3	20.4	8:19	17.8	18.4	-
8:20	17.5	17.9	8:20	19.8	20.2	8:20	19.8	18.2	-
8:21	18.0	17.7	8:21	20.5	20.2	8:21	19.5	18.3	-
8:22	19.5	17.9	8:22	19.8	20.1	8:22	18.8	18.5	-
8:23	18.8	17.9	8:23	19.8	20.0	8:23	17.5	18.5	-
8:24	18.0	17.9	8:24	19.8	20.0	8:24	17.5	18.5	-
8:25	18.0	17.8	8:25	19.5	20.0	8:25	17.8	18.5	-
8:26	17.3	17.7	8:26	19.0	20.0	8:26	17.8	18.5	-
8:27	17.3	17.8	8:27	18.8	19.9	8:27	33.3	19.5	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
8:28	16.8	17.7	8:28	19.0	19.9	8:28	27.8	20.2	-
8:29	18.5	17.7	8:29	19.3	20.0	8:29	24.8	20.6	-
8:30	18.8	17.9	8:30	18.8	19.9	8:30	17.0	20.5	-
8:31	17.0	17.8	8:31	18.8	19.9	8:31	20.3	20.5	-
8:32	17.8	17.9	8:32	19.0	19.7	8:32	22.8	20.8	-
8:33	16.8	17.8	8:33	19.5	19.6	8:33	20.5	20.8	-
8:34	17.7	17.8	8:34	19.0	19.3	8:34	17.0	20.8	-
8:35	17.8	17.8	8:35	20.3	19.4	8:35	18.0	20.7	-
8:36	19.0	17.9	8:36	20.3	19.4	8:36	19.5	20.7	-
8:37	17.8	17.8	8:37	19.5	19.3	8:37	17.5	20.6	-
8:38	18.3	17.8	8:38	20.0	19.4	8:38	19.0	20.7	-
8:39	17.3	17.7	8:39	20.8	19.4	8:39	16.5	20.6	-
8:40	16.8	17.6	8:40	19.3	19.4	8:40	16.8	20.6	-
8:41	18.8	17.7	8:41	19.3	19.4	8:41	25.5	21.1	-
8:42	17.5	17.7	8:42	20.5	19.5	8:42	18.5	20.1	-
8:43	17.3	17.8	8:43	19.8	19.6	8:43	17.0	19.4	-
8:44	15.8	17.6	8:44	19.5	19.6	8:44	16.5	18.8	-
8:45	20.3	17.7	8:45	18.8	19.6	8:45	17.8	18.9	-
8:46	26.5	18.3	8:46	19.0	19.6	8:46	17.3	18.7	-
8:47	30.8	19.2	8:47	20.0	19.7	8:47	17.0	18.3	-
8:48	19.5	19.4	8:48	22.3	19.9	8:48	18.0	18.1	-
8:49	17.3	19.4	8:49	21.0	20.0	8:49	21.3	18.4	-
8:50	16.8	19.3	8:50	19.0	19.9	8:50	18.5	18.4	-
8:51	16.0	19.1	8:51	18.3	19.8	8:51	17.8	18.3	-
8:52	16.8	19.0	8:52	18.0	19.7	8:52	17.3	18.3	-
8:53	16.3	18.9	8:53	18.3	19.6	8:53	21.0	18.4	-
8:54	15.8	18.8	8:54	17.8	19.4	8:54	18.5	18.6	-
8:55	15.8	18.7	8:55	18.5	19.3	8:55	17.0	18.6	-
8:56	16.3	18.6	8:56	19.3	19.3	8:56	16.0	18.0	-
8:57	16.8	18.5	8:57	21.3	19.4	8:57	16.0	17.8	-
8:58	16.3	18.4	8:58	20.3	19.4	8:58	40.0	19.3	-
8:59	17.0	18.5	8:59	20.8	19.5	8:59	120.5	26.3	-
9:00	16.3	18.3	9:00	19.3	19.5	9:00	17.3	26.2	-
9:01	18.5	17.7	9:01	20.0	19.6	9:01	32.0	27.2	-
9:02	17.8	16.9	9:02	20.5	19.6	9:02	28.8	28.0	-
9:03	17.3	16.7	9:03	21.8	19.6	9:03	81.5	32.2	-
9:04	17.8	16.7	9:04	22.3	19.7	9:04	90.8	36.9	-
9:05	19.0	16.9	9:05	22.8	19.9	9:05	65.0	40.0	-
9:06	18.0	17.0	9:06	20.8	20.1	9:06	21.8	40.2	-
9:07	18.3	17.1	9:07	20.8	20.3	9:07	19.5	40.4	-
9:08	18.0	17.2	9:08	22.0	20.5	9:08	22.5	40.5	-
9:09	18.8	17.4	9:09	22.8	20.9	9:09	23.3	40.8	-
9:10	18.5	17.6	9:10	23.8	21.2	9:10	24.3	41.3	-
9:11	17.5	17.7	9:11	22.0	21.4	9:11	20.5	41.6	-
9:12	18.3	17.8	9:12	22.5	21.5	9:12	18.3	41.7	-
9:13	17.3	17.9	9:13	21.5	21.6	9:13	18.5	40.3	-
9:14	17.5	17.9	9:14	20.5	21.5	9:14	18.5	33.5	-
9:15	19.0	18.1	9:15	17.8	21.4	9:15	20.5	33.7	-
9:16	18.5	18.1	9:16	18.0	21.3	9:16	20.5	32.9	-
9:17	18.5	18.1	9:17	18.0	21.1	9:17	20.3	32.4	-
9:18	18.5	18.2	9:18	17.3	20.8	9:18	21.3	28.4	-
9:19	22.8	18.6	9:19	20.3	20.7	9:19	34.5	24.6	-
9:20	32.5	19.5	9:20	25.3	20.9	9:20	36.0	22.7	-
9:21	23.8	19.8	9:21	22.3	21.0	9:21	26.8	23.0	-
9:22	22.0	20.1	9:22	22.0	21.1	9:22	29.5	23.7	-
9:23	24.3	20.5	9:23	21.5	21.0	9:23	27.0	24.0	-
9:24	23.0	20.8	9:24	20.3	20.9	9:24	24.8	24.1	-
9:25	21.5	21.0	9:25	20.0	20.6	9:25	26.0	24.2	-
9:26	22.0	21.3	9:26	20.6	20.5	9:26	24.3	24.4	-
9:27	23.8	21.7	9:27	19.5	20.3	9:27	23.3	24.8	-
9:28	21.3	21.9	9:28	20.5	20.2	9:28	23.0	25.1	-
9:29	22.3	22.2	9:29	20.8	20.3	9:29	23.3	25.4	-
9:30	24.0	22.6	9:30	20.3	20.4	9:30	24.5	25.7	-
9:31	21.8	22.8	9:31	21.3	20.6	9:31	24.8	25.9	-
9:32	21.5	23.0	9:32	22.0	20.9	9:32	25.5	26.3	-
9:33	22.3	23.2	9:33	21.3	21.2	9:33	23.5	26.4	-
9:34	21.8	23.2	9:34	20.5	21.2	9:34	25.5	25.8	-
9:35	23.0	22.5	9:35	20.0	20.8	9:35	24.5	25.1	-
9:36	21.8	22.4	9:36	21.5	20.8	9:36	23.0	24.8	-
9:37	23.0	22.5	9:37	20.8	20.7	9:37	23.5	24.4	-
9:38	22.5	22.4	9:38	20.8	20.7	9:38	23.5	24.2	-
9:39	22.5	22.3	9:39	21.5	20.7	9:39	23.5	24.1	-
9:40	23.8	22.5	9:40	22.5	20.9	9:40	26.8	24.2	-
9:41	21.5	22.4	9:41	21.5	21.0	9:41	24.0	24.1	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
9:42	22.0	22.3	9:42	20.0	21.0	9:42	23.0	24.1	-
9:43	25.5	22.6	9:43	21.8	21.1	9:43	24.3	24.2	-
9:44	21.8	22.6	9:44	20.5	21.1	9:44	24.5	24.3	-
9:45	20.8	22.4	9:45	20.5	21.1	9:45	23.3	24.2	-
9:46	20.8	22.3	9:46	19.8	21.0	9:46	23.5	24.1	-
9:47	19.3	22.1	9:47	22.8	21.0	9:47	25.5	24.1	-
9:48	23.8	22.2	9:48	21.5	21.1	9:48	22.8	24.1	-
9:49	20.8	22.2	9:49	22.8	21.2	9:49	23.0	23.9	-
9:50	21.5	22.1	9:50	21.3	21.3	9:50	23.5	23.8	-
9:51	21.3	22.0	9:51	22.0	21.3	9:51	24.0	23.9	-
9:52	21.0	21.9	9:52	20.5	21.3	9:52	24.5	24.0	-
9:53	34.3	22.7	9:53	20.8	21.3	9:53	26.0	24.1	-
9:54	53.3	24.7	9:54	24.5	21.5	9:54	25.5	24.3	-
9:55	24.0	24.8	9:55	23.0	21.5	9:55	25.5	24.2	-
9:56	26.3	25.1	9:56	23.0	21.6	9:56	24.5	24.2	-
9:57	25.8	25.3	9:57	22.5	21.8	9:57	27.5	24.5	-
9:58	23.3	25.2	9:58	25.0	22.0	9:58	25.8	24.6	-
9:59	25.5	25.4	9:59	25.0	22.3	9:59	25.3	24.7	-
10:00	26.0	25.8	10:00	24.8	22.6	10:00	26.8	24.9	-
10:01	27.0	26.2	10:01	26.0	23.0	10:01	27.0	25.1	-
10:02	27.5	26.7	10:02	25.5	23.2	10:02	26.0	25.2	-
10:03	24.8	26.8	10:03	25.3	23.5	10:03	28.3	25.5	-
10:04	25.3	27.1	10:04	23.3	23.5	10:04	25.8	25.7	-
10:05	25.5	27.4	10:05	23.0	23.6	10:05	27.3	26.0	-
10:06	24.5	27.6	10:06	23.5	23.7	10:06	29.0	26.3	-
10:07	27.0	28.0	10:07	23.0	23.9	10:07	29.0	26.6	-
10:08	27.8	27.6	10:08	23.5	24.1	10:08	31.5	27.0	-
10:09	27.5	25.8	10:09	23.8	24.0	10:09	26.0	27.0	-
10:10	26.8	26.0	10:10	27.0	24.3	10:10	22.8	26.8	-
10:11	26.0	26.0	10:11	27.0	24.5	10:11	21.3	26.6	-
10:12	24.8	25.9	10:12	23.0	24.6	10:12	20.3	26.1	-
10:13	26.3	26.1	10:13	22.8	24.4	10:13	21.0	25.8	-
10:14	24.3	26.1	10:14	23.3	24.3	10:14	22.0	25.6	-
10:15	24.3	25.9	10:15	24.5	24.3	10:15	22.3	25.3	-
10:16	24.0	25.7	10:16	21.5	24.0	10:16	25.3	25.2	-
10:17	24.5	25.5	10:17	20.8	23.7	10:17	23.5	25.0	-
10:18	25.3	25.6	10:18	21.3	23.4	10:18	21.5	24.6	-
10:19	44.8	26.9	10:19	21.0	23.3	10:19	21.5	24.3	-
10:20	29.5	27.1	10:20	22.3	23.2	10:20	21.3	23.9	-
10:21	29.5	27.5	10:21	26.0	23.4	10:21	21.5	23.4	-
10:22	35.8	28.1	10:22	32.5	24.0	10:22	22.8	23.0	-
10:23	30.8	28.3	10:23	22.5	23.9	10:23	22.0	22.3	-
10:24	29.0	28.4	10:24	22.3	23.8	10:24	22.0	22.1	-
10:25	22.3	28.1	10:25	21.8	23.5	10:25	31.5	22.6	-
10:26	24.5	28.0	10:26	22.0	23.2	10:26	27.3	23.0	-
10:27	25.0	28.0	10:27	23.3	23.2	10:27	27.3	23.5	-
10:28	38.8	28.8	10:28	22.8	23.2	10:28	28.0	24.0	-
10:29	26.3	28.9	10:29	22.8	23.1	10:29	32.5	24.7	-
10:30	25.0	29.0	10:30	22.3	23.0	10:30	26.5	25.0	-
10:31	26.0	29.1	10:31	23.0	23.1	10:31	26.8	25.1	-
10:32	24.8	29.1	10:32	22.0	23.2	10:32	29.8	25.5	-
10:33	25.8	29.2	10:33	23.6	23.3	10:33	30.5	26.1	-
10:34	34.0	28.5	10:34	24.0	23.5	10:34	28.5	26.5	-
10:35	24.5	28.1	10:35	24.0	23.6	10:35	27.3	26.9	-
10:36	24.0	27.8	10:36	23.0	23.4	10:36	25.8	27.2	-
10:37	24.8	27.0	10:37	23.0	22.8	10:37	27.0	27.5	-
10:38	24.8	26.6	10:38	22.8	22.8	10:38	26.0	27.8	-
10:39	25.8	26.4	10:39	22.8	22.9	10:39	28.0	28.2	-
10:40	23.5	26.5	10:40	24.0	23.0	10:40	27.0	27.9	-
10:41	24.3	26.5	10:41	23.5	23.1	10:41	26.5	27.8	-
10:42	23.0	26.3	10:42	22.8	23.1	10:42	27.8	27.9	-
10:43	22.3	25.2	10:43	22.3	23.0	10:43	29.8	28.0	-
10:44	23.3	25.0	10:44	22.0	23.0	10:44	28.8	27.7	-
10:45	22.5	24.9	10:45	22.3	23.0	10:45	27.5	27.8	-
10:46	22.5	24.6	10:46	22.8	23.0	10:46	28.5	27.9	-
10:47	22.3	24.5	10:47	22.0	23.0	10:47	25.5	27.6	-
10:48	24.3	24.4	10:48	22.8	22.9	10:48	25.5	27.3	-
10:49	22.5	23.6	10:49	22.5	22.8	10:49	30.5	27.4	-
10:50	22.5	23.5	10:50	23.3	22.8	10:50	29.3	27.6	-
10:51	24.8	23.5	10:51	25.0	22.9	10:51	28.3	27.7	-
10:52	20.8	23.3	10:52	25.0	23.0	10:52	25.8	27.6	-
10:53	23.3	23.2	10:53	27.5	23.4	10:53	25.0	27.6	-
10:54	22.5	22.9	10:54	23.0	23.4	10:54	25.0	27.4	-
10:55	21.3	22.8	10:55	25.8	23.5	10:55	26.8	27.4	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
10:56	19.8	22.5	10:56	22.8	23.4	10:56	25.5	27.3	-
10:57	20.5	22.3	10:57	22.0	23.4	10:57	24.0	27.0	-
10:58	20.0	22.2	10:58	21.5	23.3	10:58	25.3	26.7	-
10:59	19.0	21.9	10:59	21.5	23.3	10:59	29.3	26.8	-
11:00	18.8	21.6	11:00	21.3	23.2	11:00	30.5	27.0	-
11:01	23.5	21.7	11:01	22.8	23.2	11:01	38.5	27.6	-
11:02	21.3	21.6	11:02	25.5	23.5	11:02	34.0	28.2	-
11:03	19.5	21.3	11:03	22.5	23.5	11:03	24.8	28.2	-
11:04	18.8	21.1	11:04	21.8	23.4	11:04	25.5	27.8	-
11:05	18.8	20.8	11:05	21.0	23.3	11:05	24.0	27.5	-
11:06	19.5	20.5	11:06	19.8	22.9	11:06	22.5	27.1	-
11:07	19.3	20.4	11:07	19.8	22.6	11:07	23.0	26.9	-
11:08	19.5	20.1	11:08	20.3	22.1	11:08	24.0	26.8	-
11:09	20.5	20.0	11:09	20.8	21.9	11:09	25.0	26.8	-
11:10	21.0	20.0	11:10	20.8	21.6	11:10	27.5	26.9	-
11:11	24.8	20.3	11:11	24.0	21.7	11:11	38.5	27.8	-
11:12	23.5	20.5	11:12	16.5	21.3	11:12	28.5	28.1	-
11:13	22.5	20.7	11:13	16.0	20.9	11:13	24.8	28.0	-
11:14	19.3	20.7	11:14	22.0	21.0	11:14	23.8	27.7	-
11:15	22.5	20.9	11:15	21.3	21.0	11:15	23.8	27.2	-
11:16	24.3	21.0	11:16	27.0	21.3	11:16	31.8	26.8	-
11:17	24.8	21.2	11:17	29.3	21.5	11:17	33.5	26.7	-
11:18	41.3	22.7	11:18	32.8	22.2	11:18	28.5	27.0	-
11:19	28.0	23.3	11:19	26.5	22.5	11:19	38.3	27.8	-
11:20	19.5	23.3	11:20	21.3	22.5	11:20	31.0	28.3	-
11:21	18.8	23.3	11:21	21.8	22.7	11:21	25.6	28.5	-
11:22	19.8	23.3	11:22	16.5	22.4	11:22	23.8	28.5	-
11:23	20.5	23.4	11:23	23.5	22.7	11:23	25.4	28.6	-
11:24	20.5	23.4	11:24	23.3	22.8	11:24	26.2	28.7	-
11:25	20.0	23.3	11:25	17.0	22.6	11:25	25.6	28.6	-
11:26	19.0	22.9	11:26	25.8	22.7	11:26	25.2	27.7	-
11:27	21.3	22.8	11:27	18.8	22.8	11:27	24.4	27.4	-
11:28	19.5	22.6	11:28	19.5	23.1	11:28	25.2	27.5	-
11:29	19.5	22.6	11:29	24.3	23.2	11:29	25.2	27.6	-
11:30	20.8	22.5	11:30	23.5	23.4	11:30	24.6	27.6	-
11:31	24.3	22.5	11:31	24.5	23.2	11:31	24.2	27.1	-
11:32	20.5	22.2	11:32	24.8	22.9	11:32	25.4	26.6	-
11:33	20.3	20.8	11:33	22.0	22.2	11:33	89.6	30.6	-
11:34	19.3	20.2	11:34	22.3	21.9	11:34	77.4	33.3	-
11:35	19.5	20.2	11:35	22.0	22.0	11:35	87.0	37.0	-
11:36	18.8	20.2	11:36	17.8	21.7	11:36	97.4	41.8	-
11:37	20.3	20.3	11:37	24.5	22.2	11:37	72.2	45.0	-
11:38	20.0	20.2	11:38	23.5	22.2	11:38	88.4	49.2	-
11:39	19.8	20.2	11:39	23.8	22.3	11:39	37.2	49.9	-
11:40	26.4	20.6	11:40	19.3	22.4	11:40	22.5	49.7	-
11:41	62.8	23.5	11:41	18.8	21.9	11:41	23.8	49.6	-
11:42	33.6	24.3	11:42	22.0	22.2	11:42	22.5	49.5	-
11:43	39.0	25.6	11:43	20.8	22.2	11:43	30.5	49.9	-
11:44	34.0	26.6	11:44	21.3	22.0	11:44	33.5	50.4	-
11:45	26.2	27.0	11:45	19.5	21.8	11:45	23.3	50.3	-
11:46	28.4	27.2	11:46	19.3	21.4	11:46	17.3	49.9	-
11:47	34.6	28.2	11:47	21.0	21.2	11:47	24.0	49.8	-
11:48	43.2	29.7	11:48	19.5	21.0	11:48	31.5	45.9	-
11:49	30.8	30.5	11:49	19.8	20.8	11:49	28.8	42.6	-
11:50	25.0	30.9	11:50	21.0	20.8	11:50	38.5	39.4	-
11:51	26.4	31.4	11:51	19.3	20.9	11:51	37.5	35.4	-
11:52	25.0	31.7	11:52	20.5	20.6	11:52	20.0	31.9	-
11:53	24.8	32.0	11:53	19.8	20.4	11:53	35.3	28.4	-
11:54	25.4	32.4	11:54	20.8	20.2	11:54	26.5	27.7	-
11:55	26.0	32.3	11:55	22.3	20.4	11:55	25.0	27.9	-
11:56	25.8	29.9	11:56	22.0	20.6	11:56	27.0	28.1	-
11:57	26.2	29.4	11:57	20.8	20.5	11:57	25.3	28.3	-
11:58	29.2	28.7	11:58	21.3	20.5	11:58	23.8	27.8	-
11:59	29.4	28.4	11:59	21.3	20.5	11:59	24.0	27.2	-
12:00	25.8	28.4	12:00	21.5	20.7	12:00	24.5	27.3	-
12:01	26.6	28.3	12:01	26.0	21.1	12:01	30.0	28.1	-
12:02	27.6	27.8	12:02	23.0	21.2	12:02	30.5	28.5	-
12:03	28.2	26.8	12:03	23.3	21.5	12:03	27.8	28.3	-
12:04	29.6	26.7	12:04	22.5	21.7	12:04	29.0	28.3	-
12:05	28.4	27.0	12:05	21.5	21.7	12:05	26.5	27.5	-
12:06	28.6	27.1	12:06	20.3	21.8	12:06	25.8	26.7	-
12:07	28.4	27.3	12:07	21.3	21.8	12:07	26.5	27.2	-
12:08	28.8	27.6	12:08	25.3	22.2	12:08	25.3	26.5	-
12:09	26.6	27.7	12:09	20.0	22.1	12:09	24.5	26.4	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
12:10	26.0	27.7	12:10	37.8	23.2	12:10	30.8	26.7	-
12:11	26.6	27.7	12:11	24.5	23.3	12:11	52.5	28.4	-
12:12	30.0	28.0	12:12	19.8	23.3	12:12	22.3	28.2	-
12:13	25.2	27.7	12:13	20.0	23.2	12:13	25.8	28.4	-
12:14	25.2	27.4	12:14	19.8	23.1	12:14	24.8	28.4	-
12:15	25.2	27.4	12:15	21.5	23.1	12:15	24.8	28.4	-
12:16	27.4	27.5	12:16	19.8	22.7	12:16	24.5	28.1	-
12:17	29.2	27.6	12:17	20.0	22.5	12:17	24.3	27.7	-
12:18	30.0	27.7	12:18	20.5	22.3	12:18	19.0	27.1	-
12:19	27.6	27.5	12:19	20.5	22.2	12:19	26.0	26.9	-
12:20	27.0	27.5	12:20	19.0	22.0	12:20	27.5	26.9	-
12:21	30.0	27.5	12:21	22.5	22.1	12:21	27.0	27.0	-
12:22	27.2	27.5	12:22	20.8	22.1	12:22	24.5	26.9	-
12:23	25.4	27.2	12:23	19.3	21.7	12:23	26.0	26.9	-
12:24	26.2	27.2	12:24	20.3	21.7	12:24	26.5	27.1	-
12:25	28.4	27.4	12:25	21.8	20.7	12:25	24.8	26.7	-
12:26	27.2	27.4	12:26	19.3	20.3	12:26	24.8	24.8	-
12:27	26.8	27.2	12:27	19.5	20.3	12:27	23.8	24.9	-
12:28	29.6	27.5	12:28	20.8	20.3	12:28	25.8	24.9	-
12:29	35.6	28.2	12:29	21.3	20.4	12:29	25.0	24.9	-
12:30	41.6	29.3	12:30	23.0	20.5	12:30	25.3	25.0	-
12:31	43.2	30.3	12:31	19.8	20.5	12:31	28.3	25.2	-
12:32	35.0	30.7	12:32	20.8	20.6	12:32	28.0	25.5	-
12:33	39.2	31.3	12:33	19.8	20.5	12:33	27.8	26.1	-
12:34	38.0	32.0	12:34	19.3	20.5	12:34	26.8	26.1	-
12:35	33.6	32.5	12:35	19.0	20.5	12:35	26.0	26.0	-
12:36	30.0	32.5	12:36	19.0	20.2	12:36	24.0	25.8	-
12:37	32.2	32.8	12:37	18.8	20.1	12:37	24.5	25.8	-
12:38	29.2	33.1	12:38	21.0	20.2	12:38	24.8	25.7	-
12:39	28.4	33.2	12:39	18.8	20.1	12:39	28.3	25.8	-
12:40	26.2	33.1	12:40	19.3	19.9	12:40	26.3	25.9	-
12:41	35.2	33.6	12:41	18.8	19.9	12:41	25.0	26.0	-
12:42	38.2	34.3	12:42	19.3	19.9	12:42	25.5	26.1	-
12:43	34.8	34.7	12:43	18.5	19.7	12:43	23.8	25.9	-
12:44	29.8	34.3	12:44	19.8	19.6	12:44	24.8	25.9	-
12:45	39.0	34.1	12:45	19.5	19.4	12:45	24.8	25.9	-
12:46	38.2	33.8	12:46	19.5	19.4	12:46	24.3	25.6	-
12:47	34.2	33.7	12:47	19.3	19.3	12:47	23.8	25.3	-
12:48	31.8	33.3	12:48	19.0	19.2	12:48	24.3	25.1	-
12:49	29.6	32.7	12:49	18.3	19.2	12:49	23.0	24.9	-
12:50	26.0	32.2	12:50	18.3	19.1	12:50	17.3	24.3	-
12:51	30.8	32.2	12:51	19.0	19.1	12:51	17.8	23.9	-
12:52	41.2	32.8	12:52	21.3	19.3	12:52	24.0	23.8	-
12:53	43.3	33.8	12:53	18.8	19.1	12:53	19.3	23.5	-
12:54	46.8	35.0	12:54	19.3	19.2	12:54	18.8	22.8	-
12:55	31.8	35.4	12:55	21.8	19.3	12:55	24.5	22.7	-
12:56	37.8	35.5	12:56	19.5	19.4	12:56	27.3	22.9	-
12:57	31.5	35.1	12:57	18.3	19.3	12:57	24.8	22.8	-
12:58	41.8	35.6	12:58	18.5	19.3	12:58	25.8	22.9	-
12:59	35.3	35.9	12:59	21.0	19.4	12:59	23.3	22.8	-
13:00	31.0	35.4	13:00	29.8	20.1	13:00	25.3	22.9	-
13:01	32.8	35.0	13:01	21.8	20.2	13:01	20.5	22.6	-
13:02	28.8	34.7	13:02	21.3	20.4	13:02	26.8	22.8	-
13:03	35.0	34.9	13:03	22.5	20.6	13:03	27.8	23.1	-
13:04	39.3	35.5	13:04	23.0	20.9	13:04	27.3	23.3	-
13:05	42.0	36.6	13:05	21.5	21.1	13:05	26.0	23.9	-
13:06	52.3	38.0	13:06	21.0	21.3	13:06	26.3	24.5	-
13:07	32.5	37.4	13:07	22.8	21.4	13:07	27.3	24.7	-
13:08	26.8	36.3	13:08	20.3	21.5	13:08	26.8	25.2	-
13:09	34.5	35.5	13:09	19.3	21.5	13:09	19.3	25.2	-
13:10	44.3	36.4	13:10	19.0	21.3	13:10	19.0	24.9	-
13:11	26.5	35.6	13:11	23.0	21.5	13:11	27.3	24.9	-
13:12	30.8	35.6	13:12	22.5	21.8	13:12	25.0	24.9	-
13:13	28.5	34.7	13:13	20.0	21.9	13:13	25.3	24.9	-
13:14	39.5	35.0	13:14	21.3	21.9	13:14	27.0	25.1	-
13:15	51.0	36.3	13:15	21.5	21.4	13:15	26.8	25.2	-
13:16	41.8	36.9	13:16	21.3	21.3	13:16	26.5	25.6	-
13:17	37.8	37.5	13:17	22.0	21.4	13:17	26.0	25.6	-
13:18	28.5	37.1	13:18	23.3	21.4	13:18	25.8	25.4	-
13:19	51.5	37.9	13:19	22.8	21.4	13:19	26.3	25.4	-
13:20	32.0	37.2	13:20	20.8	21.4	13:20	27.8	25.5	-
13:21	27.5	35.6	13:21	20.5	21.3	13:21	25.3	25.4	-
13:22	28.0	35.3	13:22	21.0	21.2	13:22	26.8	25.4	-
13:23	29.3	35.4	13:23	21.5	21.3	13:23	27.3	25.4	-

CAMP Data
30 Water Street
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PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
13:24	36.3	35.5	13:24	22.3	21.5	13:24	27.5	26.0	-
13:25	49.8	35.9	13:25	28.5	22.1	13:25	28.3	26.6	-
13:26	35.0	36.5	13:26	23.5	22.2	13:26	31.0	26.8	-
13:27	29.5	36.4	13:27	22.5	22.2	13:27	32.8	27.3	-
13:28	30.3	36.5	13:28	22.5	22.3	13:28	28.0	27.5	-
13:29	29.3	35.8	13:29	21.5	22.4	13:29	28.5	27.6	-
13:30	28.3	34.3	13:30	22.3	22.4	13:30	27.8	27.7	-
13:31	30.5	33.6	13:31	22.3	22.5	13:31	28.3	27.8	-
13:32	29.0	33.0	13:32	24.3	22.6	13:32	28.3	28.0	-
13:33	29.5	33.0	13:33	21.3	22.5	13:33	28.3	28.1	-
13:34	29.5	31.6	13:34	22.0	22.4	13:34	28.0	28.2	-
13:35	29.0	31.4	13:35	23.8	22.6	13:35	28.8	28.3	-
13:36	29.5	31.5	13:36	21.8	22.7	13:36	29.0	28.6	-
13:37	30.0	31.6	13:37	21.0	22.7	13:37	29.0	28.7	-
13:38	29.5	31.7	13:38	23.3	22.8	13:38	30.0	28.9	-
13:39	29.0	31.2	13:39	24.8	23.0	13:39	31.5	29.2	-
13:40	23.3	29.4	13:40	35.3	23.5	13:40	29.0	29.2	-
13:41	22.3	28.6	13:41	29.0	23.8	13:41	29.0	29.1	-
13:42	25.5	28.3	13:42	29.3	24.3	13:42	28.8	28.8	-
13:43	21.8	27.7	13:43	30.3	24.8	13:43	29.3	28.9	-
13:44	22.3	27.3	13:44	29.5	25.3	13:44	28.8	28.9	-
13:45	23.0	26.9	13:45	29.3	25.8	13:45	29.5	29.0	-
13:46	21.8	26.3	13:46	21.8	25.8	13:46	29.0	29.1	-
13:47	22.0	25.9	13:47	29.3	26.1	13:47	30.5	29.2	-
13:48	22.8	25.4	13:48	29.0	26.6	13:48	28.5	29.2	-
13:49	22.5	24.9	13:49	29.0	27.1	13:49	29.8	29.4	-
13:50	24.0	24.6	13:50	29.0	27.4	13:50	34.3	29.7	-
13:51	23.5	24.2	13:51	29.5	27.9	13:51	46.5	30.9	-
13:52	23.5	23.8	13:52	28.8	28.5	13:52	197.5	42.1	-
13:53	23.5	23.4	13:53	29.0	28.8	13:53	164.8	51.1	-
13:54	24.3	23.1	13:54	29.8	29.2	13:54	32.0	51.1	-
13:55	31.3	23.6	13:55	23.3	28.4	13:55	21.8	50.7	-
13:56	31.3	24.2	13:56	23.3	28.0	13:56	30.8	50.8	-
13:57	31.5	24.6	13:57	22.0	27.5	13:57	28.5	50.8	-
13:58	31.5	25.2	13:58	22.5	27.0	13:58	29.3	50.8	-
13:59	29.8	25.7	13:59	23.0	26.6	13:59	29.3	50.8	-
14:00	29.5	26.2	14:00	23.5	26.2	14:00	29.5	50.8	-
14:01	30.3	26.7	14:01	23.0	26.3	14:01	30.3	50.9	-
14:02	30.0	27.3	14:02	23.5	25.9	14:02	29.5	50.8	-
14:03	30.0	27.8	14:03	24.0	25.5	14:03	29.8	50.9	-
14:04	30.5	28.3	14:04	25.3	25.3	14:04	29.5	50.9	-
14:05	32.3	28.8	14:05	24.3	25.0	14:05	30.3	50.6	-
14:06	31.0	29.3	14:06	24.0	24.6	14:06	30.5	49.5	-
14:07	30.5	29.8	14:07	24.5	24.3	14:07	30.0	38.4	-
14:08	29.5	30.2	14:08	23.0	23.9	14:08	29.5	29.4	-
14:09	29.3	30.5	14:09	23.0	23.5	14:09	29.3	29.2	-
14:10	30.5	30.5	14:10	25.3	23.6	14:10	30.0	29.7	-
14:11	29.8	30.4	14:11	23.5	23.6	14:11	31.0	29.7	-
14:12	31.0	30.4	14:12	23.5	23.7	14:12	30.3	29.9	-
14:13	32.3	30.4	14:13	24.5	23.9	14:13	31.0	30.0	-
14:14	31.5	30.5	14:14	25.0	24.0	14:14	30.3	30.0	-
14:15	31.3	30.6	14:15	23.3	24.0	14:15	29.8	30.1	-
14:16	31.5	30.7	14:16	26.5	24.2	14:16	38.0	30.6	-
14:17	30.8	30.8	14:17	31.0	24.7	14:17	46.0	31.7	-
14:18	30.0	30.8	14:18	73.8	28.0	14:18	48.8	32.9	-
14:19	29.5	30.7	14:19	95.0	32.7	14:19	42.3	33.8	-
14:20	30.5	30.6	14:20	32.8	33.2	14:20	50.3	35.1	-
14:21	30.8	30.6	14:21	25.0	33.3	14:21	40.3	35.8	-
14:22	33.5	30.8	14:22	28.5	33.6	14:22	34.0	36.0	-
14:23	31.5	30.9	14:23	25.0	33.7	14:23	31.5	36.2	-
14:24	31.8	31.1	14:24	24.8	33.8	14:24	31.3	36.3	-
14:25	31.5	31.1	14:25	23.5	33.7	14:25	29.3	36.3	-
14:26	29.8	31.1	14:26	25.3	33.8	14:26	29.3	36.1	-
14:27	30.5	31.1	14:27	25.0	33.9	14:27	30.8	36.2	-
14:28	29.0	30.9	14:28	23.3	33.8	14:28	30.8	36.2	-
14:29	29.8	30.8	14:29	26.0	33.9	14:29	30.8	36.2	-
14:30	30.3	30.7	14:30	24.0	34.0	14:30	30.0	36.2	-
14:31	30.5	30.6	14:31	22.5	33.7	14:31	30.0	35.7	-
14:32	28.8	30.5	14:32	23.5	33.2	14:32	30.0	34.6	-
14:33	29.3	30.5	14:33	24.3	29.9	14:33	28.5	33.3	-
14:34	30.0	30.5	14:34	24.3	25.2	14:34	27.5	32.3	-
14:35	23.3	30.0	14:35	30.0	25.0	14:35	29.0	30.9	-
14:36	23.0	29.5	14:36	30.3	25.3	14:36	31.0	30.2	-
14:37	25.3	28.9	14:37	29.5	25.4	14:37	44.0	30.9	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
14:38	30.5	28.9	14:38	29.8	25.7	14:38	32.5	31.0	-
14:39	39.0	29.4	14:39	31.0	26.1	14:39	31.5	31.0	-
14:40	34.5	29.6	14:40	32.5	26.7	14:40	32.5	31.2	-
14:41	25.8	29.3	14:41	29.3	27.0	14:41	33.3	31.5	-
14:42	25.3	28.9	14:42	29.8	27.3	14:42	31.3	31.5	-
14:43	24.5	28.6	14:43	29.5	27.7	14:43	29.0	31.4	-
14:44	23.3	28.2	14:44	29.8	28.0	14:44	33.8	31.6	-
14:45	36.8	28.6	14:45	28.8	28.3	14:45	30.5	31.6	-
14:46	31.5	28.7	14:46	32.3	29.0	14:46	35.3	32.0	-
14:47	25.3	28.5	14:47	34.8	29.7	14:47	34.8	32.3	-
14:48	24.3	28.1	14:48	31.0	30.2	14:48	31.8	32.5	-
14:49	24.0	27.7	14:49	28.8	30.5	14:49	30.8	32.7	-
14:50	23.5	27.8	14:50	29.3	30.4	14:50	28.3	32.7	-
14:51	24.3	27.8	14:51	30.0	30.4	14:51	29.5	32.6	-
14:52	24.5	27.8	14:52	29.5	30.4	14:52	29.5	31.6	-
14:53	26.3	27.5	14:53	29.5	30.4	14:53	33.0	31.6	-
14:54	222.5	39.7	14:54	48.3	31.5	14:54	31.8	31.7	-
14:55	189.5	50.1	14:55	48.5	32.6	14:55	28.0	31.4	-
14:56	157.8	58.9	14:56	39.8	33.3	14:56	32.5	31.3	-
14:57	42.5	60.0	14:57	66.8	35.8	14:57	29.3	31.2	-
14:58	63.5	62.6	14:58	65.5	38.2	14:58	29.0	31.2	-
14:59	29.5	63.0	14:59	62.8	40.4	14:59	29.0	30.9	-
15:00	44.8	63.6	15:00	42.8	41.3	15:00	30.5	30.9	-
15:01	118.8	69.4	15:01	35.3	41.5	15:01	31.3	30.6	-
15:02	121.3	75.8	15:02	41.0	41.9	15:02	63.5	32.5	-
15:03	66.3	78.6	15:03	33.0	42.0	15:03	54.5	34.0	-
15:04	29.8	79.0	15:04	60.0	44.1	15:04	32.8	34.2	-
15:05	63.8	81.7	15:05	56.5	45.9	15:05	32.0	34.4	-
15:06	68.5	84.6	15:06	38.0	46.5	15:06	72.0	37.2	-
15:07	43.0	85.8	15:07	51.8	48.0	15:07	75.0	40.3	-
15:08	36.3	86.5	15:08	64.3	50.3	15:08	44.3	41.0	-
15:09	33.3	73.9	15:09	50.3	50.4	15:09	36.0	41.3	-
15:10	25.5	63.0	15:10	43.6	50.1	15:10	34.3	41.7	-
15:11	26.0	54.2	15:11	33.3	49.6	15:11	29.8	41.5	-
15:12	25.0	53.0	15:12	32.8	47.4	15:12	30.8	41.6	-
15:13	29.3	50.7	15:13	29.8	45.0	15:13	33.3	41.9	-
15:14	34.3	51.0	15:14	30.0	42.8	15:14	35.0	42.3	-
15:15	47.3	51.2	15:15	31.3	42.0	15:15	39.3	42.9	-
15:16	39.0	45.9	15:16	31.8	41.8	15:16	44.0	43.8	-
15:17	43.5	40.7	15:17	30.8	41.1	15:17	43.3	42.4	-
15:18	32.3	38.4	15:18	30.5	41.0	15:18	41.0	41.5	-
15:19	35.0	38.8	15:19	30.0	39.0	15:19	43.8	42.2	-
15:20	29.8	36.5	15:20	30.0	37.2	15:20	34.5	42.4	-
15:21	35.5	34.3	15:21	32.8	36.8	15:21	38.0	40.1	-
15:22	29.3	33.4	15:22	32.0	35.5	15:22	44.5	38.1	-
15:23	28.3	32.9	15:23	28.3	33.1	15:23	45.8	38.2	-
15:24	28.0	32.5	15:24	29.5	31.7	15:24	38.3	38.4	-
15:25	29.3	32.8	15:25	29.0	30.8	15:25	36.3	38.5	-
15:26	25.8	32.8	15:26	28.3	30.4	15:26	35.5	38.9	-
15:27	25.5	32.8	15:27	30.5	30.3	15:27	33.0	39.0	-
15:28	25.8	32.6	15:28	30.5	30.3	15:28	30.8	38.9	-
15:29	29.5	32.2	15:29	30.8	30.4	15:29	32.0	38.7	-
15:30	27.0	30.9	15:30	31.3	30.4	15:30	33.5	38.3	-
15:31	26.4	30.0	15:31	31.5	30.4	15:31	30.5	37.4	-
15:32	25.0	28.8	15:32	29.8	30.3	15:32	32.8	36.7	-
15:33	26.2	28.4	15:33	29.0	30.2	15:33	32.5	36.1	-
15:34	26.0	27.8	15:34	29.3	30.2	15:34	32.5	35.4	-
15:35	26.8	27.6	15:35	30.8	30.2	15:35	31.3	35.1	-
15:36	30.8	27.3	15:36	28.5	29.9	15:36	34.8	34.9	-
15:37	28.8	27.3	15:37	30.3	29.8	15:37	34.8	34.3	-
15:38	36.2	27.8	15:38	29.3	29.9	15:38	31.0	33.3	-
15:39	54.0	29.5	15:39	29.5	29.9	15:39	34.8	33.1	-
15:40	132.6	36.4	15:40	32.0	30.1	15:40	34.5	32.9	-
15:41	119.8	42.7	15:41	42.8	31.0	15:41	35.0	32.9	-
15:42	82.0	46.5	15:42	31.0	31.1	15:42	95.5	37.1	-
15:43	77.6	49.9	15:43	35.0	31.4	15:43	79.8	40.3	-
15:44	52.2	51.4	15:44	25.3	31.0	15:44	63.3	42.4	-
15:45	72.2	54.4	15:45	30.3	30.9	15:45	78.3	45.4	-
15:46	102.0	59.5	15:46	30.0	30.8	15:46	93.0	49.6	-
15:47	124.6	66.1	15:47	31.5	31.0	15:47	89.5	53.4	-
15:48	113.2	71.9	15:48	32.5	31.2	15:48	51.3	54.6	-
15:49	73.6	75.1	15:49	40.8	32.0	15:49	40.0	55.1	-
15:50	71.2	78.1	15:50	37.8	32.4	15:50	42.8	55.9	-
15:51	69.6	80.6	15:51	42.0	33.3	15:51	64.0	57.8	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
15:52	35.4	81.1	15:52	34.3	33.6	15:52	35.0	57.8	-
15:53	74.6	83.6	15:53	24.0	33.2	15:53	37.5	58.3	-
15:54	75.8	85.1	15:54	39.8	33.9	15:54	36.8	58.4	-
15:55	70.6	81.0	15:55	43.3	34.7	15:55	40.3	58.8	-
15:56	53.0	76.5	15:56	55.5	35.5	15:56	56.0	60.2	-
15:57	93.8	77.3	15:57	37.0	35.9	15:57	39.0	56.4	-
15:58	135.4	81.1	15:58	40.5	36.3	15:58	43.3	54.0	-
15:59	63.2	81.9	15:59	49.5	37.9	15:59	35.5	52.1	-
16:00	54.8	80.7	16:00	50.5	39.3	16:00	36.0	49.3	-
16:01	42.4	76.7	16:01	32.5	39.4	16:01	36.3	45.5	-
16:02	69.4	73.1	16:02	47.3	40.5	16:02	33.0	41.8	-
16:03	52.4	69.0	16:03	36.3	40.7	16:03	35.5	40.7	-
16:04	33.0	66.3	16:04	39.0	40.6	16:04	33.8	40.3	-
16:05	32.8	63.7	16:05	42.5	40.9	16:05	35.0	39.8	-
16:06	31.6	61.2	16:06	39.3	40.7	16:06	36.3	37.9	-
16:07	31.6	61.0	16:07	36.8	40.9	16:07	34.8	37.9	-
16:08	30.4	58.0	16:08	36.0	41.7	16:08	33.8	37.7	-
16:09	30.0	55.0	16:09	31.8	41.2	16:09	34.3	37.5	-
16:10	30.2	52.3	16:10	32.8	40.5	16:10	35.0	37.2	-
16:11	30.2	50.7	16:11	30.8	38.8	16:11	35.3	35.8	-
16:12	30.6	46.5	16:12	31.0	38.4	16:12	34.8	35.5	-
16:13	30.0	39.5	16:13	32.0	37.9	16:13	33.8	34.9	-
16:14	28.6	37.2	16:14	31.0	36.6	16:14	33.5	34.7	-
16:15	29.2	35.5	16:15	30.3	35.3	16:15	33.8	34.6	-
16:16	28.6	34.6	16:16	32.0	35.2	16:16	32.5	34.3	-
16:17	28.4	31.8	16:17	31.0	34.2	16:17	32.0	34.3	-
16:18	28.6	30.3	16:18	30.8	33.8	16:18	33.0	34.1	-
16:19	29.0	30.0	16:19	30.3	33.2	16:19	32.3	34.0	-
16:20	29.0	29.7	16:20	32.0	32.5	16:20	32.3	33.8	-
16:21	28.6	29.5	16:21	22.5	31.4	16:21	31.8	33.5	-
16:22	28.4	29.3	16:22	31.3	31.0	16:22	32.3	33.3	-
16:23	28.8	29.2	16:23	31.3	30.7	16:23	32.5	33.3	-
16:24	29.8	29.2	16:24	30.0	30.6	16:24	32.0	33.1	-
16:25	28.2	29.1	16:25	29.0	30.3	16:25	32.0	32.9	-
16:26	28.0	28.9	16:26	29.5	30.3	16:26	31.8	32.7	-
16:27	28.4	28.8	16:27	29.8	30.2	16:27	32.5	32.5	-
16:28	27.2	28.6	16:28	28.5	29.9	16:28	31.5	32.4	-
16:29	27.0	28.5	16:29	29.8	29.9	16:29	32.8	32.3	-
16:30	27.4	28.4	16:30	29.0	29.8	16:30	52.8	33.6	-
16:31	29.2	28.4	16:31	29.3	29.6	16:31	58.3	35.3	-
16:32	34.8	28.8	16:32	28.3	29.4	16:32	38.0	35.7	-
16:33	34.8	29.2	16:33	22.5	28.9	16:33	65.8	37.9	-
16:34	27.4	29.1	16:34	28.0	28.7	16:34	36.3	38.2	-
16:35	27.6	29.0	16:35	28.8	28.5	16:35	31.8	38.1	-
16:36	27.6	29.0	16:36	28.0	28.9	16:36	31.0	38.1	-
16:37	28.6	29.0	16:37	104.8	33.8	16:37	30.8	38.0	-
16:38	27.8	28.9	16:38	31.8	33.8	16:38	29.5	37.8	-
16:39	30.8	29.0	16:39	29.3	33.7	16:39	30.5	37.7	-
16:40	29.2	29.1	16:40	28.3	33.7	16:40	29.5	37.5	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

Tuesday, February 11, 2025

Number of Instances Where Downwind VOCs Exceeds 5.0 =	**0**
Number of Comparable Data Points =	**519**
Start Time:	**7:21**
End Time:	**16:40**

PID DATA

Upwind			Downwind			Downwind			
Time	**Concentration (ppm)**	**15-Min Avg Concentration (ppm)**	**Time**	**Concentration (ppm)**	**15-Min Avg Concentration (ppm)**	**Time**	**Concentration (ppm)**	**15-Min Avg Concentration (ppm)**	**Exceeds Particulate Alarm Limit**
7:21	0.0	-	7:21	-	-	7:21	-	-	-
7:22	0.0	-	7:22	-	-	7:22	-	-	-
7:23	0.0	-	7:23	-	-	7:23	-	-	-
7:24	0.0	-	7:24	-	-	7:24	-	-	-
7:25	0.0	-	7:25	-	-	7:25	-	-	-
7:26	0.0	-	7:26	-	-	7:26	-	-	-
7:27	0.0	-	7:27	-	-	7:27	-	-	-
7:28	0.0	-	7:28	-	-	7:28	-	-	-
7:29	0.0	-	7:29	-	-	7:29	0.0	-	-
7:30	-	-	7:30	0.0	-	7:30	0.0	-	-
7:31	-	-	7:31	0.0	-	7:31	0.0	-	-
7:32	-	-	7:32	0.0	-	7:32	0.0	-	-
7:33	-	-	7:33	0.0	-	7:33	0.0	-	-
7:34	-	-	7:34	0.0	-	7:34	0.0	-	-
7:35	-	-	7:35	0.0	-	7:35	0.0	-	-
7:36	-	-	7:36	0.0	-	7:36	0.0	-	-
7:37	-	-	7:37	0.0	-	7:37	0.0	-	-
7:38	-	-	7:38	0.0	-	7:38	0.0	-	-
7:39	-	-	7:39	0.0	-	7:39	0.0	-	-
7:40	-	-	7:40	0.0	-	7:40	0.0	-	-
7:41	-	-	7:41	0.0	-	7:41	0.0	-	-
7:42	-	-	7:42	0.0	-	7:42	0.0	-	-
7:43	-	-	7:43	0.0	-	7:43	0.0	-	-
7:44	-	-	7:44	0.0	-	7:44	0.0	0.0	-
7:45	-	-	7:45	0.0	0.0	7:45	0.0	0.0	-
7:46	-	-	7:46	0.0	0.0	7:46	0.0	0.0	-
7:47	0.0	-	7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	-	7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	-	7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	-	7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	-	7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	-	7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	-	7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	-	7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	-	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	-	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	-	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	-	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	-	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	-	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	-	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.1	0.0	8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.1	0.0	8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.2	0.0	8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.1	0.1	8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.3	0.1	8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.2	0.1	8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.2	0.1	8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.2	0.1	8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.2	0.1	8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.2	0.1	8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.1	0.1	8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.2	0.2	8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.2	0.2	8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.2	0.2	8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.1	0.2	8:29	0.0	0.0	8:29	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
8:30	0.2	0.2	8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.2	0.2	8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.1	0.2	8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.2	0.2	8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.1	0.2	8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.2	0.2	8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.1	0.2	8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.3	0.2	8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.3	0.2	8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.2	0.2	8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.2	0.2	8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.3	0.2	8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.3	0.2	8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.3	0.2	8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.2	0.2	8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.3	0.2	8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.1	0.2	8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.2	0.2	8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.3	0.2	8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.2	0.2	8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.5	0.3	8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.4	0.3	8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.3	0.3	8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.6	0.3	8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.3	0.3	8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.4	0.3	8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.3	0.3	8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.6	0.3	8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.5	0.4	8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.6	0.4	8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.4	0.4	9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.4	0.4	9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.4	0.4	9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.5	0.4	9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.3	0.4	9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.4	0.4	9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.4	0.4	9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.5	0.4	9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.8	0.5	9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.3	0.5	9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.3	0.4	9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.7	0.5	9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.5	0.5	9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.5	0.5	9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.5	0.5	9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.4	9:15	0.6	0.0	9:15	0.0	0.0	-
9:16	0.0	0.4	9:16	0.5	0.1	9:16	0.0	0.0	-
9:17	0.0	0.4	9:17	0.4	0.1	9:17	0.0	0.0	-
9:18	0.0	0.3	9:18	0.4	0.1	9:18	0.0	0.0	-
9:19	0.0	0.3	9:19	0.6	0.2	9:19	0.0	0.0	-
9:20	0.0	0.3	9:20	0.3	0.2	9:20	0.0	0.0	-
9:21	0.0	0.3	9:21	0.6	0.2	9:21	0.0	0.0	-
9:22	0.0	0.2	9:22	0.5	0.3	9:22	0.0	0.0	-
9:23	0.0	0.2	9:23	0.5	0.3	9:23	0.0	0.0	-
9:24	0.0	0.2	9:24	0.5	0.3	9:24	0.0	0.0	-
9:25	0.0	0.1	9:25	0.4	0.3	9:25	0.0	0.0	-
9:26	0.0	0.1	9:26	0.7	0.4	9:26	0.0	0.0	-
9:27	0.0	0.1	9:27	0.6	0.4	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.7	0.5	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.5	0.5	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.6	0.5	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.5	0.5	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.7	0.5	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.9	0.6	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.3	0.6	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.5	0.6	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.4	0.5	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.6	0.6	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.4	0.5	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.4	0.5	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.7	0.6	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.9	0.6	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	1.0	0.6	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.4	0.6	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.5	0.6	9:44	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
9:45	0.0	0.0	9:45	0.6	0.6	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.5	0.6	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.7	0.6	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.7	0.6	9:48	0.0	0.0	-
9:49	0.0	0.0	9:49	0.5	0.6	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.4	0.6	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.4	0.6	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.6	0.6	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.5	0.6	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.4	0.6	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.4	0.6	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.4	0.5	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.5	0.5	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.4	0.5	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.6	0.5	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.4	0.5	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.5	0.5	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.4	0.5	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.6	0.5	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.5	0.5	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.4	0.5	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.5	0.5	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.5	0.5	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.4	0.5	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.4	0.5	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.4	10:10	0.7	0.0	-
10:11	0.0	0.0	10:11	0.0	0.4	10:11	0.5	0.1	-
10:12	0.0	0.0	10:12	0.0	0.4	10:12	0.5	0.1	-
10:13	0.0	0.0	10:13	0.0	0.3	10:13	0.5	0.1	-
10:14	0.0	0.0	10:14	0.0	0.3	10:14	0.3	0.2	-
10:15	0.0	0.0	10:15	0.0	0.3	10:15	0.7	0.2	-
10:16	0.0	0.0	10:16	0.0	0.2	10:16	0.4	0.2	-
10:17	0.0	0.0	10:17	0.0	0.2	10:17	0.5	0.3	-
10:18	0.0	0.0	10:18	0.0	0.2	10:18	0.3	0.3	-
10:19	0.0	0.0	10:19	0.0	0.1	10:19	0.6	0.3	-
10:20	0.0	0.0	10:20	0.0	0.1	10:20	0.3	0.3	-
10:21	0.0	0.0	10:21	0.0	0.1	10:21	0.6	0.4	-
10:22	0.0	0.0	10:22	0.0	0.0	10:22	0.6	0.4	-
10:23	0.0	0.0	10:23	0.0	0.0	10:23	1.0	0.5	-
10:24	0.0	0.0	10:24	0.0	0.0	10:24	1.0	0.6	-
10:25	0.0	0.0	10:25	0.7	0.0	10:25	0.0	0.5	-
10:26	0.0	0.0	10:26	0.6	0.1	10:26	0.0	0.5	-
10:27	0.0	0.0	10:27	0.9	0.1	10:27	0.0	0.5	-
10:28	0.0	0.0	10:28	0.4	0.2	10:28	0.0	0.4	-
10:29	0.0	0.0	10:29	0.5	0.2	10:29	0.0	0.4	-
10:30	0.0	0.0	10:30	0.5	0.2	10:30	0.0	0.3	-
10:31	0.0	0.0	10:31	0.6	0.3	10:31	0.0	0.3	-
10:32	0.0	0.0	10:32	0.4	0.3	10:32	0.0	0.3	-
10:33	0.0	0.0	10:33	0.4	0.3	10:33	0.0	0.3	-
10:34	0.0	0.0	10:34	0.4	0.4	10:34	0.0	0.2	-
10:35	0.0	0.0	10:35	0.5	0.4	10:35	0.0	0.2	-
10:36	0.0	0.0	10:36	0.5	0.4	10:36	0.0	0.2	-
10:37	0.0	0.0	10:37	0.7	0.5	10:37	0.0	0.1	-
10:38	0.0	0.0	10:38	0.6	0.5	10:38	0.0	0.1	-
10:39	0.0	0.0	10:39	0.5	0.5	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.5	0.5	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.6	0.5	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.6	0.5	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.6	0.5	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.4	0.5	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.7	0.5	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.7	0.5	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.4	0.5	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.5	0.5	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.5	0.5	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.6	0.5	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.6	0.5	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.4	0.5	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.4	0.5	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.6	0.5	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.5	0.5	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.4	0.5	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.7	0.5	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.4	0.5	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.4	0.5	10:59	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
11:00	0.0	0.0	11:00	0.4	0.5	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.5	0.5	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.5	0.5	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.5	0.5	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.5	0.5	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.5	0.5	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.6	0.5	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.4	0.5	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.4	0.5	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.4	0.5	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.6	0.5	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.3	0.5	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.5	0.5	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.4	0.5	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.6	0.5	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.6	0.5	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.5	0.5	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.5	0.5	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.7	0.5	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.6	0.5	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.5	0.5	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.4	0.5	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.5	0.5	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.4	0.5	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.4	0.5	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.3	0.5	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.3	0.5	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.5	0.5	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.4	0.5	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.4	0.5	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.3	0.4	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.4	0.4	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.5	0.4	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.4	0.4	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.3	0.4	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.2	0.4	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.4	0.4	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.3	0.4	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.3	0.4	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.3	0.4	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.3	11:40	0.2	0.0	-
11:41	0.0	0.0	11:41	0.0	0.3	11:41	0.4	0.0	-
11:42	0.0	0.0	11:42	0.0	0.3	11:42	0.3	0.1	-
11:43	0.0	0.0	11:43	0.0	0.2	11:43	0.3	0.1	-
11:44	0.0	0.0	11:44	0.0	0.2	11:44	0.3	0.1	-
11:45	0.0	0.0	11:45	0.0	0.2	11:45	0.2	0.1	-
11:46	0.0	0.0	11:46	0.0	0.2	11:46	0.3	0.1	-
11:47	0.0	0.0	11:47	0.0	0.2	11:47	0.4	0.1	-
11:48	0.0	0.0	11:48	0.0	0.1	11:48	0.3	0.2	-
11:49	0.0	0.0	11:49	0.0	0.1	11:49	0.3	0.2	-
11:50	0.0	0.0	11:50	0.0	0.1	11:50	0.4	0.2	-
11:51	0.0	0.0	11:51	0.0	0.1	11:51	0.2	0.2	-
11:52	0.0	0.0	11:52	0.0	0.0	11:52	0.3	0.2	-
11:53	0.0	0.0	11:53	0.0	0.0	11:53	0.3	0.3	-
11:54	0.0	0.0	11:54	0.0	0.0	11:54	0.6	0.3	-
11:55	0.0	0.0	11:55	0.0	0.0	11:55	0.4	0.3	-
11:56	0.0	0.0	11:56	0.0	0.0	11:56	0.2	0.3	-
11:57	0.0	0.0	11:57	0.0	0.0	11:57	0.2	0.3	-
11:58	0.0	0.0	11:58	0.0	0.0	11:58	0.3	0.3	-
11:59	0.0	0.0	11:59	0.0	0.0	11:59	0.4	0.3	-
12:00	0.0	0.0	12:00	0.0	0.0	12:00	0.2	0.3	-
12:01	0.0	0.0	12:01	0.0	0.0	12:01	0.3	0.3	-
12:02	0.0	0.0	12:02	0.0	0.0	12:02	0.4	0.3	-
12:03	0.0	0.0	12:03	0.0	0.0	12:03	0.3	0.3	-
12:04	0.0	0.0	12:04	0.0	0.0	12:04	0.4	0.3	-
12:05	0.0	0.0	12:05	0.0	0.0	12:05	0.2	0.3	-
12:06	0.0	0.0	12:06	0.0	0.0	12:06	0.3	0.3	-
12:07	0.0	0.0	12:07	0.0	0.0	12:07	0.3	0.3	-
12:08	0.0	0.0	12:08	0.0	0.0	12:08	0.3	0.3	-
12:09	0.0	0.0	12:09	0.0	0.0	12:09	0.2	0.3	-
12:10	0.0	0.0	12:10	0.0	0.0	12:10	0.2	0.3	-
12:11	0.0	0.0	12:11	0.0	0.0	12:11	0.3	0.3	-
12:12	0.0	0.0	12:12	0.0	0.0	12:12	0.2	0.3	-
12:13	0.0	0.0	12:13	0.0	0.0	12:13	0.5	0.3	-
12:14	0.0	0.0	12:14	0.0	0.0	12:14	0.3	0.3	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
12:15	0.0	0.0	12:15	0.0	0.0	12:15	0.3	0.3	-
12:16	0.0	0.0	12:16	0.0	0.0	12:16	0.2	0.3	-
12:17	0.0	0.0	12:17	0.0	0.0	12:17	0.2	0.3	-
12:18	0.0	0.0	12:18	0.0	0.0	12:18	0.2	0.3	-
12:19	0.0	0.0	12:19	0.0	0.0	12:19	0.3	0.3	-
12:20	0.0	0.0	12:20	0.0	0.0	12:20	0.2	0.3	-
12:21	0.0	0.0	12:21	0.0	0.0	12:21	0.3	0.3	-
12:22	0.0	0.0	12:22	0.0	0.0	12:22	0.2	0.3	-
12:23	0.0	0.0	12:23	0.0	0.0	12:23	0.3	0.3	-
12:24	0.0	0.0	12:24	0.0	0.0	12:24	0.3	0.3	-
12:25	0.0	0.0	12:25	0.0	0.0	12:25	0.4	0.3	-
12:26	0.0	0.0	12:26	0.0	0.0	12:26	0.3	0.3	-
12:27	0.0	0.0	12:27	0.0	0.0	12:27	0.4	0.3	-
12:28	0.0	0.0	12:28	0.0	0.0	12:28	0.3	0.3	-
12:29	0.0	0.0	12:29	0.0	0.0	12:29	0.4	0.3	-
12:30	0.0	0.0	12:30	0.0	0.0	12:30	0.4	0.3	-
12:31	0.0	0.0	12:31	0.0	0.0	12:31	0.4	0.3	-
12:32	0.0	0.0	12:32	0.0	0.0	12:32	0.3	0.3	-
12:33	0.0	0.0	12:33	0.0	0.0	12:33	0.3	0.3	-
12:34	0.0	0.0	12:34	0.0	0.0	12:34	0.3	0.3	-
12:35	0.0	0.0	12:35	0.0	0.0	12:35	0.3	0.3	-
12:36	0.0	0.0	12:36	0.0	0.0	12:36	0.3	0.3	-
12:37	0.0	0.0	12:37	0.0	0.0	12:37	0.2	0.3	-
12:38	0.0	0.0	12:38	0.0	0.0	12:38	0.2	0.3	-
12:39	0.0	0.0	12:39	0.0	0.0	12:39	0.2	0.3	-
12:40	0.0	0.0	12:40	0.0	0.0	12:40	0.1	0.3	-
12:41	0.0	0.0	12:41	0.0	0.0	12:41	0.3	0.3	-
12:42	0.0	0.0	12:42	0.0	0.0	12:42	0.2	0.3	-
12:43	0.0	0.0	12:43	0.0	0.0	12:43	0.3	0.3	-
12:44	0.0	0.0	12:44	0.0	0.0	12:44	0.3	0.3	-
12:45	0.0	0.0	12:45	0.0	0.0	12:45	0.2	0.3	-
12:46	0.0	0.0	12:46	0.0	0.0	12:46	0.2	0.3	-
12:47	0.0	0.0	12:47	0.0	0.0	12:47	0.2	0.2	-
12:48	0.0	0.0	12:48	0.0	0.0	12:48	0.3	0.3	-
12:49	0.0	0.0	12:49	0.0	0.0	12:49	0.2	0.2	-
12:50	0.0	0.0	12:50	0.0	0.0	12:50	0.2	0.2	-
12:51	0.0	0.0	12:51	0.0	0.0	12:51	0.2	0.2	-
12:52	0.0	0.0	12:52	0.0	0.0	12:52	0.3	0.2	-
12:53	0.0	0.0	12:53	0.0	0.0	12:53	0.3	0.2	-
12:54	0.0	0.0	12:54	0.0	0.0	12:54	0.4	0.3	-
12:55	0.0	0.0	12:55	0.0	0.0	12:55	0.2	0.3	-
12:56	0.0	0.0	12:56	0.0	0.0	12:56	0.5	0.3	-
12:57	0.0	0.0	12:57	0.0	0.0	12:57	0.2	0.3	-
12:58	0.0	0.0	12:58	0.0	0.0	12:58	0.3	0.3	-
12:59	0.0	0.0	12:59	0.0	0.0	12:59	0.4	0.3	-
13:00	0.0	0.0	13:00	0.0	0.0	13:00	0.2	0.3	-
13:01	0.0	0.0	13:01	0.0	0.0	13:01	0.4	0.3	-
13:02	0.0	0.0	13:02	0.0	0.0	13:02	0.4	0.3	-
13:03	0.0	0.0	13:03	0.0	0.0	13:03	0.4	0.3	-
13:04	0.0	0.0	13:04	0.0	0.0	13:04	0.5	0.3	-
13:05	0.0	0.0	13:05	0.0	0.0	13:05	0.3	0.3	-
13:06	0.0	0.0	13:06	0.0	0.0	13:06	0.3	0.4	-
13:07	0.0	0.0	13:07	0.0	0.0	13:07	0.3	0.3	-
13:08	0.0	0.0	13:08	0.0	0.0	13:08	0.5	0.4	-
13:09	0.0	0.0	13:09	0.0	0.0	13:09	0.5	0.4	-
13:10	0.0	0.0	13:10	0.0	0.0	13:10	0.3	0.4	-
13:11	0.0	0.0	13:11	0.0	0.0	13:11	0.4	0.4	-
13:12	0.0	0.0	13:12	0.0	0.0	13:12	0.4	0.4	-
13:13	0.0	0.0	13:13	0.0	0.0	13:13	0.3	0.4	-
13:14	0.0	0.0	13:14	0.0	0.0	13:14	0.4	0.4	-
13:15	0.0	0.0	13:15	0.0	0.0	13:15	0.2	0.4	-
13:16	0.0	0.0	13:16	0.0	0.0	13:16	0.4	0.4	-
13:17	0.0	0.0	13:17	0.0	0.0	13:17	0.4	0.4	-
13:18	0.0	0.0	13:18	0.0	0.0	13:18	0.3	0.4	-
13:19	0.0	0.0	13:19	0.0	0.0	13:19	0.3	0.3	-
13:20	0.0	0.0	13:20	0.0	0.0	13:20	0.3	0.3	-
13:21	0.0	0.0	13:21	0.0	0.0	13:21	0.3	0.3	-
13:22	0.0	0.0	13:22	0.0	0.0	13:22	0.4	0.4	-
13:23	0.0	0.0	13:23	0.0	0.0	13:23	0.2	0.3	-
13:24	0.0	0.0	13:24	0.0	0.0	13:24	0.4	0.3	-
13:25	0.0	0.0	13:25	0.0	0.0	13:25	0.2	0.3	-
13:26	0.0	0.0	13:26	0.0	0.0	13:26	0.2	0.3	-
13:27	0.0	0.0	13:27	0.0	0.0	13:27	0.2	0.3	-
13:28	0.0	0.0	13:28	0.0	0.0	13:28	0.3	0.3	-
13:29	0.0	0.0	13:29	0.0	0.0	13:29	0.2	0.3	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
13:30	0.0	0.0	13:30	0.0	0.0	13:30	0.3	0.3	-
13:31	0.0	0.0	13:31	0.0	0.0	13:31	0.3	0.3	-
13:32	0.0	0.0	13:32	0.0	0.0	13:32	0.3	0.3	-
13:33	0.0	0.0	13:33	0.0	0.0	13:33	0.4	0.3	-
13:34	0.0	0.0	13:34	0.0	0.0	13:34	0.6	0.3	-
13:35	0.0	0.0	13:35	0.0	0.0	13:35	0.5	0.3	-
13:36	0.0	0.0	13:36	0.0	0.0	13:36	0.2	0.3	-
13:37	0.0	0.0	13:37	0.0	0.0	13:37	0.3	0.3	-
13:38	0.0	0.0	13:38	0.0	0.0	13:38	0.4	0.3	-
13:39	0.0	0.0	13:39	0.0	0.0	13:39	0.2	0.3	-
13:40	0.0	0.0	13:40	0.4	0.0	13:40	0.0	0.3	-
13:41	0.0	0.0	13:41	0.3	0.0	13:41	0.0	0.3	-
13:42	0.0	0.0	13:42	0.3	0.1	13:42	0.0	0.3	-
13:43	0.0	0.0	13:43	0.3	0.1	13:43	0.0	0.3	-
13:44	0.0	0.0	13:44	0.3	0.1	13:44	0.0	0.2	-
13:45	0.0	0.0	13:45	0.4	0.1	13:45	0.0	0.2	-
13:46	0.0	0.0	13:46	0.5	0.2	13:46	0.0	0.2	-
13:47	0.0	0.0	13:47	0.3	0.2	13:47	0.0	0.2	-
13:48	0.0	0.0	13:48	0.4	0.2	13:48	0.0	0.1	-
13:49	0.0	0.0	13:49	0.2	0.2	13:49	0.0	0.1	-
13:50	0.0	0.0	13:50	0.4	0.3	13:50	0.0	0.1	-
13:51	0.0	0.0	13:51	0.2	0.3	13:51	0.0	0.1	-
13:52	0.0	0.0	13:52	0.4	0.3	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.3	0.3	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.3	0.3	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.3	13:55	0.3	0.0	-
13:56	0.0	0.0	13:56	0.0	0.3	13:56	0.2	0.0	-
13:57	0.0	0.0	13:57	0.0	0.3	13:57	0.4	0.1	-
13:58	0.0	0.0	13:58	0.0	0.3	13:58	0.3	0.1	-
13:59	0.0	0.0	13:59	0.0	0.2	13:59	0.2	0.1	-
14:00	0.0	0.0	14:00	0.0	0.2	14:00	0.4	0.1	-
14:01	0.0	0.0	14:01	0.0	0.2	14:01	0.5	0.1	-
14:02	0.0	0.0	14:02	0.0	0.2	14:02	0.5	0.2	-
14:03	0.0	0.0	14:03	0.0	0.1	14:03	0.3	0.2	-
14:04	0.0	0.0	14:04	0.0	0.1	14:04	0.4	0.2	-
14:05	0.0	0.0	14:05	0.0	0.1	14:05	0.5	0.3	-
14:06	0.0	0.0	14:06	0.0	0.1	14:06	0.4	0.3	-
14:07	0.0	0.0	14:07	0.0	0.0	14:07	0.3	0.3	-
14:08	0.0	0.0	14:08	0.0	0.0	14:08	0.1	0.3	-
14:09	0.0	0.0	14:09	0.0	0.0	14:09	0.1	0.3	-
14:10	0.0	0.0	14:10	0.0	0.0	14:10	0.2	0.3	-
14:11	0.0	0.0	14:11	0.0	0.0	14:11	0.4	0.3	-
14:12	0.0	0.0	14:12	0.0	0.0	14:12	0.3	0.3	-
14:13	0.0	0.0	14:13	0.0	0.0	14:13	0.2	0.3	-
14:14	0.0	0.0	14:14	0.0	0.0	14:14	0.3	0.3	-
14:15	0.0	0.0	14:15	0.0	0.0	14:15	0.3	0.3	-
14:16	0.0	0.0	14:16	0.0	0.0	14:16	0.3	0.3	-
14:17	0.0	0.0	14:17	0.0	0.0	14:17	0.3	0.3	-
14:18	0.0	0.0	14:18	0.0	0.0	14:18	0.3	0.3	-
14:19	0.0	0.0	14:19	0.0	0.0	14:19	0.4	0.3	-
14:20	0.0	0.0	14:20	0.0	0.0	14:20	0.3	0.3	-
14:21	0.0	0.0	14:21	0.0	0.0	14:21	0.3	0.3	-
14:22	0.0	0.0	14:22	0.0	0.0	14:22	0.3	0.3	-
14:23	0.0	0.0	14:23	0.0	0.0	14:23	0.4	0.3	-
14:24	0.0	0.0	14:24	0.0	0.0	14:24	0.4	0.3	-
14:25	0.0	0.0	14:25	0.0	0.0	14:25	0.6	0.3	-
14:26	0.0	0.0	14:26	0.0	0.0	14:26	0.7	0.4	-
14:27	0.0	0.0	14:27	0.0	0.0	14:27	0.5	0.4	-
14:28	0.0	0.0	14:28	0.0	0.0	14:28	0.5	0.4	-
14:29	0.0	0.0	14:29	0.0	0.0	14:29	0.7	0.4	-
14:30	0.0	0.0	14:30	0.0	0.0	14:30	0.5	0.4	-
14:31	0.0	0.0	14:31	0.0	0.0	14:31	0.3	0.4	-
14:32	0.0	0.0	14:32	0.0	0.0	14:32	0.5	0.4	-
14:33	0.0	0.0	14:33	0.0	0.0	14:33	0.3	0.4	-
14:34	0.0	0.0	14:34	0.0	0.0	14:34	0.2	0.4	-
14:35	0.0	0.0	14:35	0.3	0.0	14:35	0.0	0.4	-
14:36	0.0	0.0	14:36	0.3	0.0	14:36	0.0	0.4	-
14:37	0.0	0.0	14:37	0.3	0.1	14:37	0.0	0.4	-
14:38	0.3	0.0	14:38	0.4	0.1	14:38	0.0	0.3	-
14:39	0.9	0.1	14:39	0.4	0.1	14:39	0.0	0.3	-
14:40	0.0	0.1	14:40	0.4	0.1	14:40	0.0	0.3	-
14:41	0.0	0.1	14:41	0.4	0.2	14:41	0.0	0.2	-
14:42	0.0	0.1	14:42	0.3	0.2	14:42	0.0	0.2	-
14:43	0.0	0.1	14:43	0.4	0.2	14:43	0.0	0.2	-
14:44	0.0	0.1	14:44	0.4	0.2	14:44	0.0	0.1	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
14:45	0.0	0.1	14:45	0.4	0.3	14:45	0.0	0.1	-
14:46	0.0	0.1	14:46	0.5	0.3	14:46	0.0	0.1	-
14:47	0.0	0.1	14:47	0.2	0.3	14:47	0.0	0.0	-
14:48	0.0	0.1	14:48	0.3	0.3	14:48	0.0	0.0	-
14:49	0.0	0.1	14:49	0.2	0.3	14:49	0.0	0.0	-
14:50	0.0	0.1	14:50	0.1	0.3	14:50	0.0	0.0	-
14:51	0.0	0.1	14:51	0.2	0.3	14:51	0.0	0.0	-
14:52	0.0	0.1	14:52	0.2	0.3	14:52	0.0	0.0	-
14:53	0.0	0.1	14:53	0.2	0.3	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.2	0.3	14:54	0.0	0.0	-
14:55	0.0	0.0	14:55	0.2	0.3	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.2	0.3	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.4	0.3	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.2	0.3	14:58	0.0	0.0	-
14:59	0.0	0.0	14:59	0.4	0.3	14:59	0.0	0.0	-
15:00	0.0	0.0	15:00	0.2	0.2	15:00	0.0	0.0	-
15:01	0.0	0.0	15:01	0.2	0.2	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.3	0.2	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.4	0.2	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.3	0.2	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.2	0.2	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.6	0.3	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.2	0.3	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.7	0.3	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.3	0.3	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.4	0.3	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.5	0.4	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12	0.5	0.4	15:12	0.0	0.0	-
15:13	0.0	0.0	15:13	0.3	0.4	15:13	0.0	0.0	-
15:14	0.0	0.0	15:14	0.4	0.4	15:14	0.0	0.0	-
15:15	0.0	0.0	15:15	0.4	0.4	15:15	0.0	0.0	-
15:16	0.0	0.0	15:16	0.3	0.4	15:16	0.0	0.0	-
15:17	0.0	0.0	15:17	0.8	0.4	15:17	0.0	0.0	-
15:18	0.0	0.0	15:18	0.3	0.4	15:18	0.0	0.0	-
15:19	0.0	0.0	15:19	0.6	0.4	15:19	0.0	0.0	-
15:20	0.0	0.0	15:20	0.5	0.4	15:20	0.0	0.0	-
15:21	0.0	0.0	15:21	0.3	0.4	15:21	0.0	0.0	-
15:22	0.0	0.0	15:22	0.7	0.5	15:22	0.0	0.0	-
15:23	0.0	0.0	15:23	0.3	0.4	15:23	0.0	0.0	-
15:24	0.0	0.0	15:24	0.5	0.4	15:24	0.0	0.0	-
15:25	0.0	0.0	15:25	0.5	0.4	15:25	0.0	0.0	-
15:26	0.0	0.0	15:26	0.5	0.5	15:26	0.0	0.0	-
15:27	0.0	0.0	15:27	0.6	0.5	15:27	0.0	0.0	-
15:28	0.0	0.0	15:28	0.3	0.5	15:28	0.0	0.0	-
15:29	0.0	0.0	15:29	0.2	0.4	15:29	0.0	0.0	-
15:30	0.0	0.0	15:30	0.4	0.4	15:30	0.0	0.0	-
15:31	0.0	0.0	15:31	0.3	0.4	15:31	0.0	0.0	-
15:32	0.0	0.0	15:32	0.4	0.4	15:32	0.0	0.0	-
15:33	0.0	0.0	15:33	0.2	0.4	15:33	0.0	0.0	-
15:34	0.0	0.0	15:34	0.3	0.4	15:34	0.0	0.0	-
15:35	0.0	0.0	15:35	0.3	0.4	15:35	0.0	0.0	-
15:36	0.0	0.0	15:36	0.4	0.4	15:36	0.0	0.0	-
15:37	0.0	0.0	15:37	0.3	0.4	15:37	0.0	0.0	-
15:38	0.0	0.0	15:38	0.4	0.4	15:38	0.0	0.0	-
15:39	0.0	0.0	15:39	0.4	0.4	15:39	0.0	0.0	-
15:40	0.0	0.0	15:40	0.4	0.4	15:40	0.0	0.0	-
15:41	0.0	0.0	15:41	0.5	0.4	15:41	0.0	0.0	-
15:42	0.0	0.0	15:42	0.4	0.3	15:42	0.0	0.0	-
15:43	0.0	0.0	15:43	0.3	0.3	15:43	0.0	0.0	-
15:44	0.0	0.0	15:44	0.2	0.3	15:44	0.0	0.0	-
15:45	0.0	0.0	15:45	0.4	0.3	15:45	0.0	0.0	-
15:46	0.0	0.0	15:46	0.2	0.3	15:46	0.0	0.0	-
15:47	0.0	0.0	15:47	0.3	0.3	15:47	0.0	0.0	-
15:48	0.0	0.0	15:48	0.3	0.3	15:48	0.0	0.0	-
15:49	0.0	0.0	15:49	0.3	0.3	15:49	0.0	0.0	-
15:50	0.0	0.0	15:50	0.3	0.3	15:50	0.0	0.0	-
15:51	0.0	0.0	15:51	0.3	0.3	15:51	0.0	0.0	-
15:52	0.0	0.0	15:52	0.3	0.3	15:52	0.0	0.0	-
15:53	0.0	0.0	15:53	0.3	0.3	15:53	0.0	0.0	-
15:54	0.0	0.0	15:54	1.2	0.4	15:54	0.0	0.0	-
15:55	0.0	0.0	15:55	0.5	0.4	15:55	0.0	0.0	-
15:56	0.0	0.0	15:56	0.6	0.4	15:56	0.0	0.0	-
15:57	0.0	0.0	15:57	0.3	0.4	15:57	0.0	0.0	-
15:58	0.0	0.0	15:58	0.5	0.4	15:58	0.0	0.0	-
15:59	0.0	0.0	15:59	0.4	0.4	15:59	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 11, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
16:00	0.0	0.0	16:00	0.3	0.4	16:00	0.0	0.0	-
16:01	0.0	0.0	16:01	0.3	0.4	16:01	0.0	0.0	-
16:02	0.0	0.0	16:02	0.2	0.4	16:02	0.0	0.0	-
16:03	0.0	0.0	16:03	0.2	0.4	16:03	0.0	0.0	-
16:04	0.0	0.0	16:04	0.7	0.4	16:04	0.0	0.0	-
16:05	0.0	0.0	16:05	0.3	0.4	16:05	0.0	0.0	-
16:06	0.0	0.0	16:06	0.1	0.4	16:06	0.0	0.0	-
16:07	0.0	0.0	16:07	0.2	0.4	16:07	0.0	0.0	-
16:08	0.0	0.0	16:08	0.2	0.4	16:08	0.0	0.0	-
16:09	0.0	0.0	16:09	0.2	0.3	16:09	0.0	0.0	-
16:10	0.0	0.0	16:10	0.3	0.3	16:10	0.0	0.0	-
16:11	0.0	0.0	16:11	0.3	0.3	16:11	0.0	0.0	-
16:12	0.0	0.0	16:12	0.3	0.3	16:12	0.0	0.0	-
16:13	0.0	0.0	16:13	0.2	0.3	16:13	0.0	0.0	-
16:14	0.0	0.0	16:14	0.3	0.3	16:14	0.0	0.0	-
16:15	0.0	0.0	16:15	0.5	0.3	16:15	0.0	0.0	-
16:16	0.0	0.0	16:16	0.3	0.3	16:16	0.0	0.0	-
16:17	0.0	0.0	16:17	0.4	0.3	16:17	0.0	0.0	-
16:18	0.0	0.0	16:18	0.4	0.3	16:18	0.0	0.0	-
16:19	0.0	0.0	16:19	0.3	0.3	16:19	0.0	0.0	-
16:20	0.0	0.0	16:20	0.5	0.3	16:20	0.0	0.0	-
16:21	0.0	0.0	16:21	0.4	0.3	16:21	0.0	0.0	-
16:22	0.0	0.0	16:22	0.4	0.3	16:22	0.0	0.0	-
16:23	0.0	0.0	16:23	0.2	0.3	16:23	0.0	0.0	-
16:24	0.0	0.0	16:24	0.5	0.4	16:24	0.0	0.0	-
16:25	0.0	0.0	16:25	0.4	0.4	16:25	0.0	0.0	-
16:26	0.0	0.0	16:26	0.6	0.4	16:26	0.0	0.0	-
16:27	0.0	0.0	16:27	0.4	0.4	16:27	0.0	0.0	-
16:28	0.0	0.0	16:28	0.5	0.4	16:28	0.0	0.0	-
16:29	0.0	0.0	16:29	0.6	0.4	16:29	0.0	0.0	-
16:30	0.0	0.0	16:30	0.3	0.4	16:30	0.0	0.0	-
16:31	0.0	0.0	16:31	0.4	0.4	16:31	0.0	0.0	-
16:32	0.0	0.0	16:32	0.4	0.4	16:32	0.0	0.0	-
16:33	0.0	0.0	16:33	0.5	0.4	16:33	0.0	0.0	-
16:34	0.0	0.0	16:34	0.4	0.4	16:34	0.0	0.0	-
16:35	0.0	0.0	16:35	0.3	0.4	16:35	0.0	0.0	-
16:36	0.0	0.0	16:36	0.3	0.4	16:36	0.0	0.0	-
16:37	0.0	0.0	16:37	0.4	0.4	16:37	0.0	0.0	-
16:38	0.0	0.0	16:38	0.2	0.4	16:38	0.0	0.0	-
16:39	0.0	0.0	16:39	0.4	0.4	16:39	0.0	0.0	-
16:40	0.0	0.0	16:40	0.2	0.4	16:40	0.0	0.0	-

SESI
CONSULTING ENGINEERS

Geotechnical
Foundations
Land Planning
Geo-Structural
Environmental
Water Resources

Principals:

Anthony Castillo, PE
Fuad Dahan, PhD, PE, LSRP
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Justin M. Protasiewicz, PE
Michael St. Pierre, PE
Jose M. Rodriguez, PE

February 13, 2025

Ms. Caroline Jalanti, Professional Engineer I
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

RE: Daily Progress Report – February 12, 2025
Former Ossining Works Site, Operable Unit 1 (OU-1) Site (C360172)
30 Water Street, Ossining, New York
SESI Project No. 11498

Dear Ms. Jalanti:

On behalf of our Client, WB 30 Water Street, LLC (the Volunteer"), SESI Consulting Engineers (SESI) has prepared this Daily Progress Report (DPR) at the request of the New York Department of Environmental Conservation (NYSDEC) regarding construction activities at the above referenced Site. This DPR includes the following:

1. Weather and general details;
2. Actions conducted during the reporting period;
3. Summary of all samples collected for any media;
4. Anticipated actions for the next reporting period;
5. Unresolved delays or issues encountered or anticipated that may affect the schedule and efforts to mitigate such issues/delays; and,
6. Community Air Monitoring Program (CAMP) activities.

SESI performed or coordinated the performance of the activities listed below.

1. GENERAL DETAILS

- The weather was observed to be cloudy and 29-36 degrees F.

- The contractors included two (2) staff members from Griffon Construction, nine (9) staff members from Renova, two (2) representatives from NYSDEC, one (1) representative from Arcadis, and one (1) representative from SESI.

2. ACTIONS CONDUCTED DURING FEBRUARY 12, 2025

- Soil erosion controls were assessed and updated around all stockpiles, inlets, adjacent the Sing Sing Kill and tracking pad.
- On the southeast portion of the site, within pilot program area D (ISS-D), In-Situ Stabilization (ISS) operations were performed. Amendments were added per the table below to complete the total weight of amendments required. Larger material was removed from the mix and stockpiled properly for disposal.
- Due to the batch plant being partially operable and foam application not suitable to control the odors during the previous excavation of ISS-J (Pilot J), ISS continued when a suitable foam applicator and the batch plant was repaired.
- See **Attachment C** and the summary table below.

Table 1. ISS Pilot Grid Amendments

Date	ISS Area	Grid	Volume of Soil Treated (CY)	Mass of PC (Tons)	Mass of GGBFS (Tons)
2/7/2025	ISS-H	Pilot H	301	26.4	8.8
2/12/2025	ISS-D	Pilot D	502	44.4	14.8
	ISS-J	Pilot J			

3. SUMMARY OF SAMPLE COLLECTION

- Renova collected two (2) sets of cylinders, one set of five (5) cylinders at 6-8' and one set of eight (8) cylinders at the 12-14' interval as noted in the table below. Two (2) cylinders per set will be sent out by Renova for Unconfined Compression Strength (UCS) and hydraulic permeability testing. Samples were stored in a cooler within Griffon's office.

Table 2. ISS Pilot Grid Sample Collection

Date	ISS Area	Grid	Sample 1 depth collected (feet)	Sample 2 depth collected (feet)	UCS Results >50 psi	Permeability Results <10-6 cm/sec
2/7/2025	ISS-H	Pilot H	6-8	12-14	TBD	TBD
2/12/2025	ISS-D	Pilot D	6-8	12-14	TBD	TBD
	ISS-J	Pilot J				

4. ANTICIPATED ACTIONS FOR FEBRUARY 13, 2025

- Fixing of the Batch plant (Renova).

5. DELAYS OR MODIFICATIONS TO THE SCHEDULE

None.

6. **CAMP ACTIVITIES**

   Community air monitoring has been conducted for the above-mentioned “Actions conducted during February 12, 2025” per the CAMP. Two (2) air monitor stations (AMSs) were located downwind, and one (1) AMS was located upwind of the site’s location. The AMSs were at these locations to monitor areas that are more vulnerable to any dust or vapor generated from the work. During the day no visible dust was observed to be generated, and odor suppressants were used during the ISS operations. Intermittently, the onsite SESI representative walked the southern perimeter of the site, and within the north half of the site to confirm that no odor were migrating offsite. No dust or PID exceedances were recorded associated with the Site work operations (**Attachment D)**.

If you have any questions or need additional information, please feel free to call.

Sincerely,
SESI CONSULTING ENGINEERS D.P.C.

Chris Malvicini
Chris Malvicini
Assistant Project Manager

Attachments:
A – Photographs
B – General Site Plan
C – Cell Layout
D – CAMP Data

Attachment A – Photographs



Photo #1

Sample view of west portion of the site, inlet's silt bag installation observations, facing southwest



Photo #2

Sample view of southeast portion of the Site, ISS of ISS-D observations, facing northeast



Photo #3

Sample view of southeast portion of site, sampling ISS-D observation, facing east



Photo #4

Sample view of northwest portion of the site, AMS-3, facing southeast

Attachment B – General Site Plan

Secured Masonry Block Stockpile Generated from Previous Building Demolition, 11/26/2024

Relocated Slope Cutting Stockpile, 2/4/2025

Batch Plant Located in Adjacent Parking Lot (extends further west to cover the totality of the parking lot)

2.5" Clean Crushed Stone Tracking Pad

Pilot Area D and J Observations (See Attachment C)

AMS-1

AMS-2

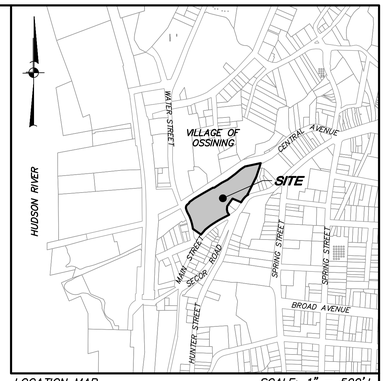
AMS-3

CENTRAL AVENUE

MAIN STREET

SING SING KILL

WATER STREET



LOCATION MAP SCALE: 1" = 500'±

OWNER:

VILLAGE OF OSSINING
16 CROTON AVENUE
OSSINING, NY 10562

APPLICANT:

WBP DEVELOPMENT, LLC
480 BEDFORD ROAD
CHAPPAQUA, NY 10514-1715

SITE DATA:

Zone:	PW-b (Central Waterfront-Transit)
Total Acreage	3.2 AC ±
Tax Map No.:	89.19-6-22 89.19-6-26 89.19-6-27 89.19-6-28 89.19-6-29

ZONE PW-b BULK ZONING REQUIREMENTS (See notes below for Variances Granted)

	REQUIRED/ PERMITTED	EXISTING	PROPOSED LOT 1	PROPOSED LOT 2 (PROPOSED OPEN SPACE LOT)
Setbacks:				
Minimum Lot Area (s.f.):	40,000 s.f.	3.2 AC ± (139,395 s.f. ±)	2.1 AC ± (89,551 s.f. ±)	1.1 AC ± (49,844 s.f. ±)
Building Width and Open Area (ft.); Section 270-23(F)(2)	Shall not exceed 50% of the width of the parcel (Lot Width x 50% = Building Width)	Permitted: 250'x50%=125' Existing: 47'	Permitted: 252'x50%=126' Provided: 125.33'	N/A
	No structure or building shall exceed 75'	47'	71.5'	N/A
	One uninterrupted space shall be at least 30% of parcel width (250'x30%=75')	194'±	69.8' (Variance granted)	N/A
No Building or part thereof shall be situated within: Section 270-23(D)	20 ft. of any street or 15 ft. of any lot line	10' (Street) 2' (Lot Line)	7.5' (Parking Structure to Street-Variance granted) 0' (Parking Structure to Lot Line-Variance granted) 18.4' (Residential Building to Lot Line) (2 Variances granted)	N/A
Minimum Setback for Parking or Loading Areas from Street or Lot Line (ft.); Section 270-23(D)	10 ft.	0' (Lot Line)	0' (For Parking Structure to Lot Line) (Variance granted)	N/A
Minimum distance between any two Buildings (except Attached Dwellings sharing a Party Wall)(ft.):	50 ft.	N/A	62.5'	N/A
Maximum spacing between Pedestrian Building Entrances on Main, Secor, Central and Water Street Frontages (ft.):	70 ft.; entrances must be useable for ingress and egress by building users	Water Street N/A Central Avenue N/A Main Street N/A	N/A N/A (Parking garage) N/A (Parking garage)	N/A N/A N/A
Maximum Parking along Street Frontage:	30% of total street frontage for any given lot along Water Street, Central Avenue, Main and Secor Street = 348.6' x 0.3 = 104.6' (Lot 1) Water Street = 198' x 0.3 = 59' Central Avenue = 348.6' x 0.3 = 104.6 (Lot 1) Main Street = 370' x 0.3 = 111'	Water Street N/A Central Avenue 348.6' Lot 1 Main Street 356'	32% (Variance granted) 73% (Variance granted) N/A	N/A N/A N/A
Residential Requirements:				
Density (3):	15 units per acre pursuant to §270-23	N/A	N/A	N/A
Density (Special Permit Application) (3):	**Baseline density: 22 units per acre up to 32 dwelling units per acre pursuant to §270-23. 125 units (see calculation below)	N/A	109 (2)	
Bedroom Mix:	One-bedroom units or studios: 10% of total units, two-bedroom units: 20% of total units	N/A	40-One Bedroom (37%) 60-Two Bedroom (55%) 9-Three Bedroom (8%)	
Heights:				
Maximum Building Height:	No building shall extend more than 4.0 stories or 48 ft. from either the average elevation of the proposed finished grade of the site or the Central Avenue, State Street, Main Street and Secor Road, whichever is greater; no building shall extend more than 1.0 story or 16 ft. above Market or Hunter Streets	Less than 48'	Less than 48' – Refer to Mixed Use Building Elevation prepared by Beyer Blinder Belle Architects & Planners LLP dated 4-7-22	N/A
Coverage:				
Maximum Impervious Coverage:	60%	19.2%	65.9% (Variance granted)	5.9%
Maximum Building Coverage:	40%	7.5%	38.3%	N/A
Open Space:				
Minimum Open Space:	15% of Lot Area	50%	49%	100%
VARIANCES NEEDED FOR LOT 1:	REQUIRED:		PROVIDED:	
Section 270-23(F)(3)a. Habitable floor area for the proposed residential apartments.	1-bedroom: 600 S.F. 2-bedroom: 750 S.F. 3-bedroom: 1,000 S.F.		490 S.F.(Variance granted) 655 S.F. (Variance granted) 823 S.F.(Variance granted)	N/A N/A N/A
Section 270-28(C)b. Where feasible access to lots fronting on more than one street shall be from a non-residential street.	See column to left		Access provided from Water St. and Central Ave.	Variance to allow access from Water St. and Central Ave.
Section 270-28(F)a. Not providing 25-foot buffer on each side of watercourse.	25'		0'	25'
Section 270-30(A)(5)a. Having Parking in front yard	Assumed 15'		0'	15'
Section 270-30(A)(6)a. Proposing to install a driveway entrance within 50 feet of an intersection.	50'		39.5'	10.5'
Section 270-30(9)(B)a. Proposing parking on the first floor extending a minimum of 40 feet back from the building line.	40' from building		0'	40'

(1) Uninterrupted space requirement can be excluded if the planning board determines the structure to be irrelevant to preserving view corridors either to or from the Hudson River.

(2) Pursuant to section 270-23 I (4), the following has been incorporated into the site plan in pursuit of a density bonus:
- 270-23 I (4)(b) – Provision of Public Park or Public Open Space.
- 270-23 I (4)(d) – Use of Green Building Techniques.
- 270-23 I (4)(e) – Brownfields Remediation.
- 270-23 I (4)(f) – Contribution to non-site related infrastructure improvements.
- 270-23 I (4)(h) – Stream bank restoration or stabilization.
- An additional 15% increase in density is permitted based on the provision of affordable housing.
- Pursuant to section 270-23 I (8), the total property area or 3.2 acres was used to establish the permitted density.
- Special permit density= 32x3.2=102 units.
- Additional 15% density permitted by providing affordable housing= 102x15%=15 units.
- Total permitted density= 102+15=117 units.

(3) The density calculations have been based on the full 3.2 acre area.

(4) Noted variances were granted by the Village of Ossining Zoning Board of Appeals on November 29, 2022.

(5) A parking variance was granted by the Zoning Board of Appeals on December 12, 2023 for the size of the proposed spaces.

(6) A variance was granted by the Zoning Board of Appeals on December 12, 2023 for exceeding the maximum 6% grade permitted within 25 feet of the street line.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING PROPERTY LINE TO BE EXTINGUISHED
- EXISTING BUILDING
- EXISTING BUILDING TO BE REMOVED
- EXISTING STONE & MASONRY RETAINING WALL
- EXISTING CONCRETE CURB
- EXISTING RETAINING WALL
- PRELIMINARY FEMA 100-YEAR FLOODPLAIN
- EXISTING HUDSON RIVER FLOOD IMPACT FLOODPLAIN
- EXISTING 50' VILLAGE REGULATED WATERCOURSE BUFFER
- EXISTING 25' VILLAGE REGULATED WATERCOURSE BUFFER PER §270-28F
- EXISTING WATERCOURSE
- EXISTING TREELINE
- EXISTING CROSSWALK
- EXISTING FENCE TO BE REMOVED
- EXISTING PARKING STRIPING
- EXISTING UTILITY POLE
- EXISTING UTILITY POLE TO BE REMOVED
- EXISTING POST MOUNTED LIGHT
- EXISTING OVERHEAD WIRE
- EXISTING VILLAGE OF OSSINING SEWER MAIN
- EXISTING COUNTY SEWER MAIN
- EXISTING UNDERGROUND WATER MAIN
- EXISTING SEWER MANHOLE
- EXISTING HYDRANT
- EXISTING WATER VALVE
- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- EXISTING TREE

GENERAL NOTES:

1. Property line shown hereon is based upon a survey performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed on July 29, 2021.
2. Topographic shown hereon is based upon field work conducted by Insite Engineering, Surveying & Landscape Architecture, P.C., completed October 2023 and aerial photography dated December 7, 2017 which is photogrammetrically compiled. Elevations shown hereon conform to the North American Vertical Datum of 1988 (NAVD 88). The contour interval is 1'.
3. Planimetric details shown hereon were derived from Aerial Photography dated December 7, 2017 by GEO Maps International and field work performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed July 2021, February & March 2022, and October 2023.
4. Offsite property lines based on Westchester County GIS, aerial pictometry, and municipal tax mapping.
5. Floodplain elevations and Hudson River Flood Impact lines shown hereon taken from Scenic Hudson, NYS Flood Impact Decision Support System (FDSS), and the Flood Emergency Management Agency (FEMA).
6. 11 parking spaces are proposed to be eliminated along Central Avenue.
7. All retaining walls are to be designed by a NYS Licensed Professional Engineer prior to issuance of a building permit and the construction of the retaining walls are to be certified by the Design Professional prior to issuance of the certificate of occupancy.

REMOVAL NOTES

1. Prior to submitting the bid, the contractor shall visit the site and familiarize themselves with the site conditions and existing improvements to be removed.
2. The contractor shall provide all removals incidental and necessary to execute the work prescribed in the contract documents. All existing features specified to be removed shall be removed in their entirety unless otherwise authorized in writing by the owner or the project engineer.
3. These drawings are intended to show an overall Limit of Disturbance and general features to be removed. Not all features incidental to the general scope of the site work have been shown to be removed. The contractor shall be responsible for all removals within the limits of both above and below grade features, necessary for the construction of the site improvements shown hereon.
4. Refer to construction sequence prepared by owner for sequence of utility removal and replacement.
5. All underground utility piping (water, sewer, drainage conduits) shall be capped and abandoned in place. All abandoned pipes left in place shall be filled with controlled low strength material (CLSM) sealing both ends. Any exposed utility piping shall be cut and removed such that a minimum of 1' of soil cover is maintained on all pipes that are to be capped and left in place.
6. All building materials shall be demolished and removed from the site.
7. Burying of any demolished building materials on site is prohibited. Building foundations may be crushed and abandoned, filled in and restored in accordance with the project specifications.
8. For any below grade slab or bottom of tank that is to be demolished and abandoned in place, the concrete shall be pulverized so that there are no pieces of concrete remaining that are larger than 3 ft by 3 ft.
9. Remove existing electrical wiring and conduit back to the source panel.
10. Refer to the Project Specifications for hazardous material disposal.

EXCAVATION NOTES:

1. All pavement to be saw cut to its full depth by the contractor prior to excavation.
2. The Contractor shall provide sheeting, shoring, a benched excavation, or a sloped excavation for all excavations 5.0 feet or greater in depth.
3. All sheeting and shoring protective systems used for excavation shall be designed and stamped by a NYS licensed Professional Engineer.
4. Where construction crosses or is adjacent to existing utility lines (fuel, water, gas, telephone, electric or communication), the contractor shall carefully hand excavate so as to locate, mark and protect the utility lines against disturbance or damage by providing adequate support and protection as approved by the Engineer. The contractor shall repair any power or communication interruption immediately, at no additional cost to the owner.
5. Trench excavation outside of temporary construction fence is to be backfilled on the same day as excavation. Temporary orange construction fence is required around these work areas for on going work.
6. All utility trenching in and adjacent to roadways shall be backfilled prior to the end of the work day, unless otherwise authorized by the Engineer. Item 4 shall be temporarily brought to the surface of the utility trench flush with the adjacent pavement and maintained until the final pavement is installed. Road plates, if used, shall be designed to meet H25 loading requirements.
7. Excavations needing to be open greater than a single day on the property shall have 6' temporary chain link fence installed overnight or when no work is being performed at the location. Temporary orange construction fence shall be in place when work is being performed.

WINTER SITE STABILIZATION NOTES:

1. All bare / exposed soils must be stabilized by an established vegetation, straw or mulch, matting, or other approved product such as rolled erosion control product.
2. Sediment barriers must be properly installed at all necessary perimeter and sensitive locations.
3. All slopes and grades must be properly stabilized with approved methods. Rolled erosion control products must be used on all slopes greater than 3:1, or where conditions for erosion dictate such measures.
4. Stockpiled soils must be protected by the use of established vegetation, an anchored-down straw or mulch, rolled erosion control product or other durable covering. A barrier must be installed around the pile to prevent erosion away from that location.
5. All entrance / exit locations to the site must be properly stabilized and must be maintained to accommodate snow management as set forth in the NYS Standard and Specifications for Erosion and Sediment Control.
6. Snow management must not destroy or degrade erosion and sediment control devices.

UTILITY NOTES:

1. The locations of existing utilities, water, sewers, and drainage structures have been indicated based on the best available information. It is possible that the actual subsurface utilities and piping may vary from that indicated. Therefore, prior to starting work in any area, the contractor shall take the necessary steps to determine the locations of all existing underground piping, conduit and structures. The contractor shall carry out their operations in such a manner as to prevent interference with lines which are to remain. Any pipe or conduit disturbed in the course of contract shall be repaired by the contractor at no extra cost to the owner.
2. Existing utility locations, sizes and elevations to be verified by contractor prior to the start of construction and any discrepancies reported to the project engineer immediately.
3. Whenever a connection to an existing pipe or structure is shown, the contractor shall confirm existing pipe materials of construction, dimensions, and connection requirement prior to submitting materials for approval.
4. When structures are to be placed on existing utility lines or where the proposed utility lines are assume to cross existing utilities, the contractor shall locate the existing utility and shall verify its existing invert elevation. The contractor shall notify the engineer if different utility invert elevations or locations are revealed by field exploration.
5. Where interference with other utilities or construction are encountered during construction of new utility lines, the contractor may adjust the alignment or invert elevations of that system only at the direction of the project engineer.
6. All existing utilities shall be removed to the main unless otherwise permitted by the utility service provider.
7. It shall be the contractor's responsibility to locate all overhead wires and utility poles, if any, in the vicinity of the proposed work. Furthermore, it is the contractor's responsibility to make the necessary arrangements to perform the work in the vicinity of these overhead wires.
8. The contractor shall exercise extreme caution when working adjacent to active power and communication lines to prevent damage to these lines. The contractor shall hand excavate test pits to expose those lines prior to performing any other excavation work in the area. The contractor shall repair at their expense, any power or communication interruption immediately.
9. Should any utility poles require bracing or relocating to accomplish the proposed work, it shall be the contractor's responsibility to make the appropriate arrangements to properly secure or relocate such utility poles. The contractor will not receive any additional payment for utility pole bracing or relocating. The contractor must include any costs for such work within their bid submittal.
10. The location of the proposed electric and gas service lines for the property are approximate and subject to the utility company design. The contractor shall coordinate with the owner and utility service provider(s) to determine the location of the site's electric and gas service connections. The contractor shall be responsible for obtaining all required permits necessary for the installation of utility connections, and shall provide electric service lines to each light in accordance with the owner's direction, manufacturer's specifications, and applicable electric code.
11. The gas, electric and communication utilities shall be installed in accordance with the utility provider specifications including but not limited to providing the proper bedding, cover, and detectable warning tape / wire.
12. All sewer manhole pipe penetrations shall be provided with a waterproof rubber boot and gasket.
13. For cuts and fills are proposed over existing utilities. Site contractor shall protect all utilities whether shown or not shown during earthwork operations. Site contractor shall lower existing utilities as required to maintain adequate cover and adjust access and covers for existing structures to proposed grade.
14. Site contractor shall be responsible for trenching and backfill of electrical (including lighting) and communication conduits, including bedding materials. See electrical drawings for trench details. Electrical contractor shall be responsible for installation of conduit and wiring. Site contractor shall be responsible for setting light pole bases. Electrical contractor shall be responsible for setting light poles, conduit and wiring. Site contractor shall be responsible for installation of transformer pads. Electrical contractor shall be responsible for installation of conduits, transformers and wiring.
15. The location of the existing gas main internal to the site, running parallel with Water Street shown on this drawing is shown as approximate based on utility markout by others. Said gas main is proposed to be removed and relocated off site by the utility service provider. The new location of the gas main is unknown and currently not shown on any site plans prepared by Insite Engineering, Surveying, and Landscape Architecture, P.C.

CONSTRUCTION NOTES:

1. The contractor is advised that additional notes will be found on subsequent drawings and such notes, while pertaining to the specific drawings they are placed in, also supplement the construction notes listed herein.
2. All work and materials shall be in accordance with these plans and project specifications.
3. The contractor shall notify the Engineer 72 hours prior to start of work.
4. The subject project has coverage under the New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity, permit No. GP-0-20-001. As required by the permit all contractors and subcontractors will be required to sign a certification statement that they understand and agree to comply with the requirements of GP-0-20-001.
5. The contractor shall have a representative onsite that is a NYSDEC Trained Contractor at all times site work is being performed under this contract. The contractor shall provide a contractor's certification as contained in the NYSDEC Construction Site Logbook to the project engineer upon start of construction.
6. The contractor shall coordinate the layout of the work with the owner, and the project engineer, and eliminate all conflicts including but not limited to utility location conflicts, prior to commencement of any proposed work.
7. The contractor shall coordinate their construction operations with the project engineer and any other contractors/subcontractors and construction activities occurring simultaneously on the property.
8. It shall be the contractor's/subcontractor's responsibility to provide sanitary facilities (i.e. porta-john (and other necessary temporary facilities) throughout the duration of construction.
9. The contractor shall be responsible for providing all power, water, and other resources necessary to complete the project work.
10. Minimum OSHA site standards must be maintained including personal protective equipment and vests. The contractor shall be responsible for guarding and protecting all open excavations in accordance with the latest edition and current OSHA requirements.
11. The contractor shall field verify all dimensions relative to the scope of work.
12. The contractor shall stake out the limits of clearing and it shall be reviewed with the project engineer prior to the start of clearing operations. Existing trees to remain outside the limits of clearing shall be protected per the detail.
13. It shall be the contractor's responsibility to identify and protect all underground utilities. The contractor shall contact Dig Safely New York at 811 or 1-800-962-7962 and any other required utility locators prior to the start of construction.
14. The exact location, size, and type of the existing utilities may differ from what is shown hereon. The contractor shall field verify the location, size and type of the existing utilities by performing a test pit ahead of construction as necessary to permit revisions to meet existing utilities or relocate proposed utilities as required. Horizontal location and elevation of the existing utility as determined by test pit shall be provided to the project engineer.
15. The contractor shall field verify the existing grades / utility locations prior to commencement of any work. Any discrepancy shall be reported to the project engineer when identified.
16. The contractor shall perform all work with care so that any materials which are to remain in place, or which are to remain on the property, shall not be damaged. The contractor will be held responsible for all damage caused to existing utilities / features / facilities / vegetation during execution of the work not proposed to be modified or removed by these plans. All damage to any existing utilities / features / facilities / vegetation not proposed to be modified by the contract shall be repaired or replaced by the contractor to the satisfaction of the owner at no additional cost.
17. Original condition shall mean the condition in which the feature was found (or better) at the start of construction.
18. The contractor shall be responsible for the implementation and maintenance of erosion and sediment controls (shown or not) as necessary to prevent erosion and migration of sediment outside of the contract limit line or into the stormwater collection system. Erosion and sediment controls may include but are not limited to silt fence, stabilized construction entrance, berms and inlet protection. All erosion and sediment controls shall be installed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. Additional erosion and sediment controls may be required during construction by the project engineer. All disturbed areas shall be stabilized in accordance with the Erosion & Sediment Control Notes and details.
19. Silt fence shall be installed parallel to the contours.
20. Contractor is responsible for protecting soil stockpiles, trenches, and building excavations against weather. No additional fee will be paid to the contractor for removal and replacement of suitable soils due to degradation from weather related events.
21. During execution of the work, the contractor shall be responsible for dewatering and control of surface water in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. The New York State Standards and Specifications for Erosion and Sediment Control can be found at http://www.dec.ny.gov/chemical/29066.html.
22. All existing pavement shall be cleaned and swept prior to the completion of construction.
23. The contractor shall provide temporary construction fence for all work areas including the material storage/staging areas.
24. All personal vehicles, materials, and construction equipment must be kept within the construction staging area. Use of additional onsite storage areas must be pre-authorized by the owner of the property.
25. Trees shown on the plans for reference only. All trees and vegetation within the contract limit line shall be removed unless otherwise labeled to be protected and saved. Not all trees to be removed may be shown.
26. Topsoil and subsoil shall be stripped, screened, and stockpiled in locations shown for future use. The contractor must keep enough topsoil onsite for final restoration. Four inches of screened topsoil shall be placed and raked finish to finish grade over all disturbed areas not covered by pavement, concrete and/or gravel surfaces, unless otherwise noted.
27. The contractor shall maintain existing grades unless otherwise noted.
28. Contractor shall be responsible for removal of all excess rock, topsoil, subsoil, and construction debris from the site.
29. There shall be no burying of construction and demolition (C&D) debris or stumps on site. All C&D debris and stumps must be removed by the contractor, and disposed of in accordance with all pertinent regulations.
30. All proposed concrete drainage structures shall be precast concrete and all structures, frames, and grates are to meet H-20 loading requirements.
31. Design Engineer to approve locations and elevations of all structures prior to placement.
32. Where side drain inlets are proposed the Contractor shall extend the upstream swale to the side inlet of the drainage structure.
33. Unless otherwise shown on the drawings the contractor shall match the material, thickness and quality of all existing pavements that are to be replaced.
34. Temporary asphalt wedges shall be placed in all areas open to vehicular access. The wedges shall be installed between any sudden abrupt grade changes in excess of 1" as a result of construction. All temporary wedges shall be removed prior to placement of asphalt course.
35. The contractor will be responsible for the implementation of all maintenance and protection of traffic (MPT) measures if necessary. MPT shall include but not be limited to placement of traffic cones and warning signs around work zone. Safe and adequate pedestrian vehicular traffic flow shall be maintained at all times to the existing buildings, while the work is in progress. The contractor shall submit for approval of the architect, a construction sequence schedule and plan for pedestrian and vehicular traffic flow.
36. A retaining wall design signed and sealed by a NYS licensed Engineer shall be submitted to the Consulting Town Engineer prior to the construction of any wall greater than 4 feet in height.
37. For work/improvements within Village of Ossining right-of-way, should a discrepancy come up between what is specified hereon and the Village of Ossining standards, the Village standard/standard details will control.

PARKING REQUIREMENTS:

Required – Residential		
1 parking space per 1 bedroom unit	40 units x 1.0 =	40 spaces
1.5 parking spaces per 2 bedroom unit	60 units x 1.5 =	90 spaces
1.5 parking spaces per 3 bedroom unit	9 units x 1.5 =	13.5 spaces
		144 spaces
Required – Retail		
1 parking space per 350 s.f.	3,170 s.f. / 350 =	10 spaces
Total Parking Spaces Required:		154 spaces
Total Parking Spaces Provided:		154 spaces

1. A parking allocation for the community space is not provided as it is accommodated in the 1st level of the parking structure.
2. The total parking provided above (154 spaces) does not include level four of the parking structure or on street parking spaces.

GRAPHIC SCALE

0 15 30 60

(IN FEET)
1 inch = 30 ft.

NO.	DATE	REVISION	BY
7	8-5-24	REVISED FOR ACOE SUBMISSION	TSM
6	7-31-24	REVISED FOR VILLAGE PLANNING / BAR SUBMISSION	MEU
5	7-25-24	BULLETIN 01	MEU
4	5-22-24	REVISED FOR WCDOH SUBMISSION	TSM
3	4-5-24	100% CONSTRUCTION DOCUMENTS	TSM
2	4-5-24	ISSUED FOR PERMIT REVISION	TSM
1	3-5-24	ISSUED FOR 70% CDs	TSM

INSITE
ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.
3 Garrett Place
Carmel, NY 10512
(845) 225-9690
(845) 225-9717 fax
www.insite-eng.com

PROJECT:
WBP/OSSINING DPW
STATION PLAZA
30 WATER STREET, VILLAGE OF OSSINING, WESTCHESTER COUNTY, N.Y.

DRAWING:
EXISTING CONDITIONS

STATE OF NEW YORK — RICHARD D. WILLIAMS — 085868 — LICENSED PROFESSIONAL ENGINEER

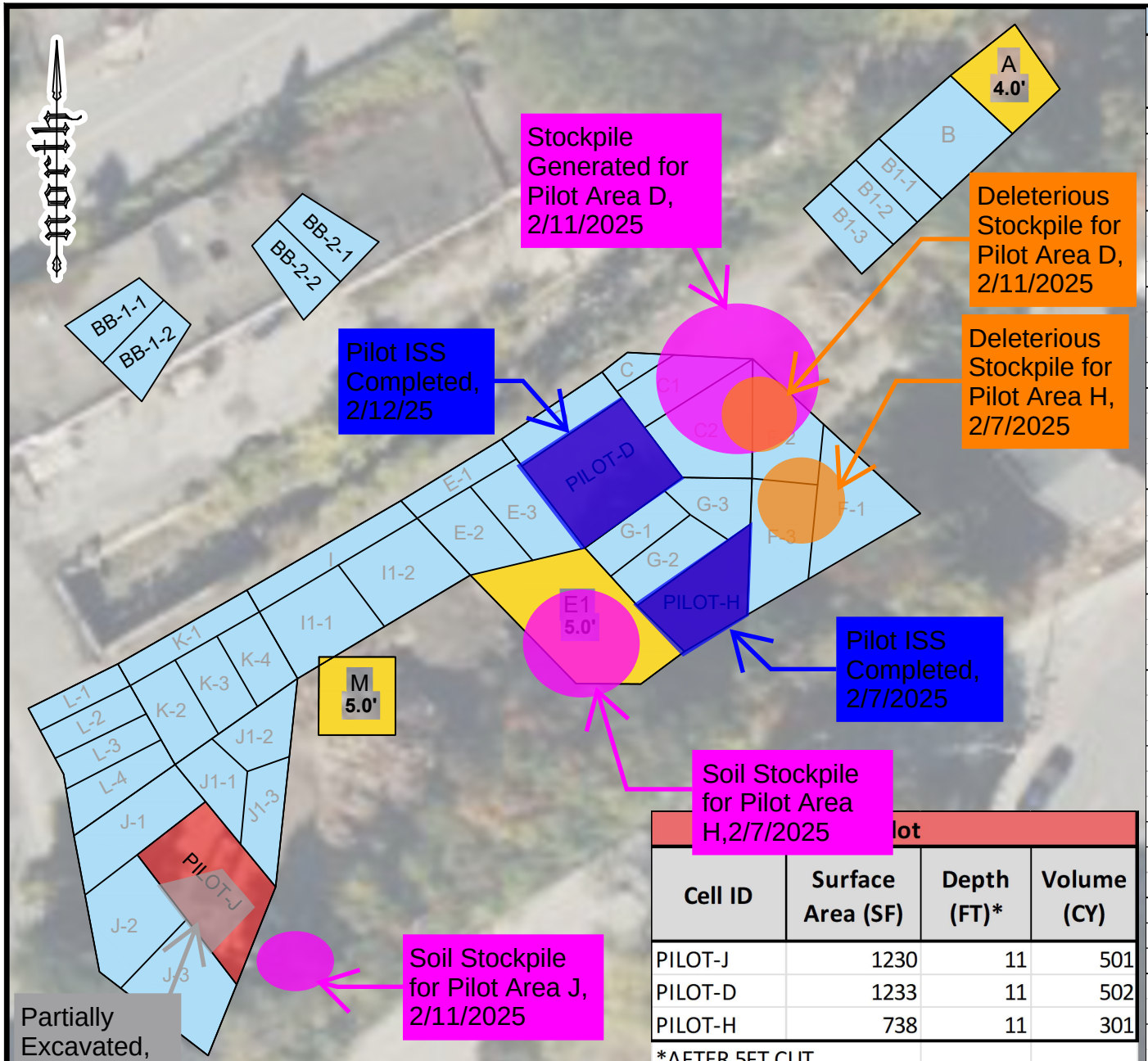
PROJECT NUMBER	20190.100	PROJECT MANAGER	R.D.W.
DATE	3-5-24	DRAWN BY	E.R.A.
SCALE	1" = 30'	CHECKED BY	D.L.M.

DRAWING NO. EX-1 SHEET 1 / 13

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

Z:\ECS\20190\00 - WBP-Ossining DPW\05 ES\1-dwg, 8/2/2024 11:49:24 AM, Insite, 1:1

Attachment C – Cell Layout



Environmental Mix Areas				
Cell ID	Surface Area (SF)	Depth (FT) (From existing Grade)	Depth (FT) (After 5ft Cut)	Volume (CY)
B	835	13	8	247
B1-1	289	34	29	310
B1-2	299	34	29	322
B1-3	353	34	29	380
F-1	828	16	11	337
F-2	633	16	11	258
F-3	729	16	11	297
G-1	367	25	20	272
G-2	443	25	20	328
G-3	369	25	20	273
D	410	16	11	167
K-1	377	22	17	237
K-2	467	22	17	294
K-3	405	22	17	255
K-4	389	22	17	245
L-1	254	27	22	207
L-2	326	27	22	266
L-3	323	27	22	263
L-4	421	27	22	343
J-1	715	16	11	291
J-2	777	16	11	317
J-3	803	16	11	327
J1-1	376	27	22	307
J1-2	410	27	22	334
J1-3	410	27	22	334
E-1	285	20	15	158
E-2	516	20	15	287
E-3	539	20	15	299
I	444	12	7	115
I1-1	742	15.5	10.5	288
I1-2	740	15.5	10.5	288
C	133	11.5	6.5	32
C1	451	15	10	167
C2	827	14	9	276
BB-1-1	377	42	37	516
BB-1-2	409	42	37	560
BB-2-1	411	42	37	563
BB-2-2	400	42	37	548

lot			
Cell ID	Surface Area (SF)	Depth (FT)*	Volume (CY)
PILOT-J	1230	11	501
PILOT-D	1233	11	502
PILOT-H	738	11	301
*AFTER 5FT CUT			

LEGEND:

PILOT MIX AREA

ISS MIX AREA

CELL BORDER

EXCAVATION ONLY AREA

SCALE IN FEET

0 25 50

CELL LAYOUT

30 WATER STREET
OSSINING, NEW YORK

FIGURE 3

DATE: 2/3/2025

DRAWN BY: BI

Attachment D – CAMP Data

SESI CONSULTING ENGINEERS

959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

DAILY AIR MONITORING REPORT
30 Water Street
Ossining, New York

02/12/2025

Rev. No. 0 | Page 1 of 2

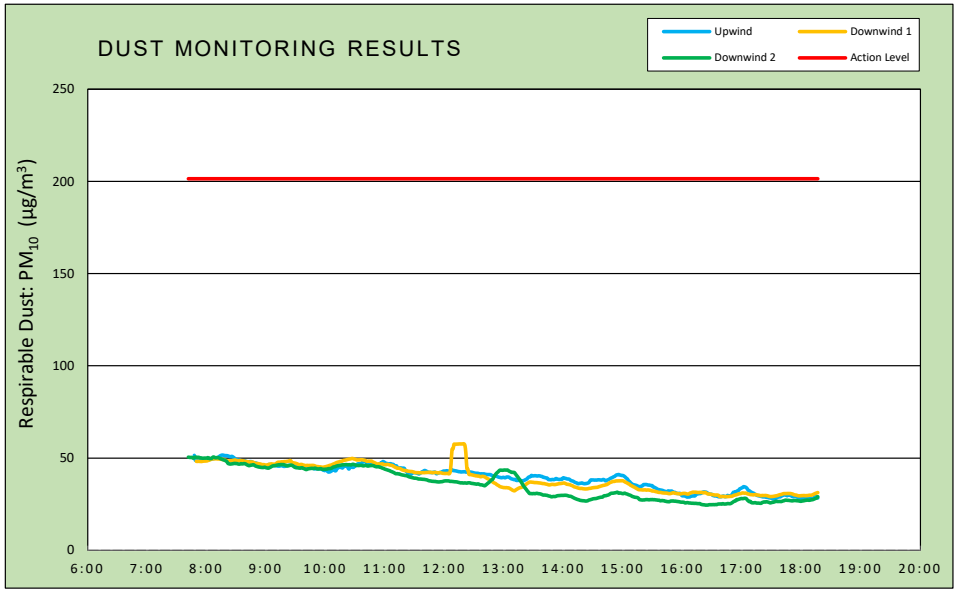
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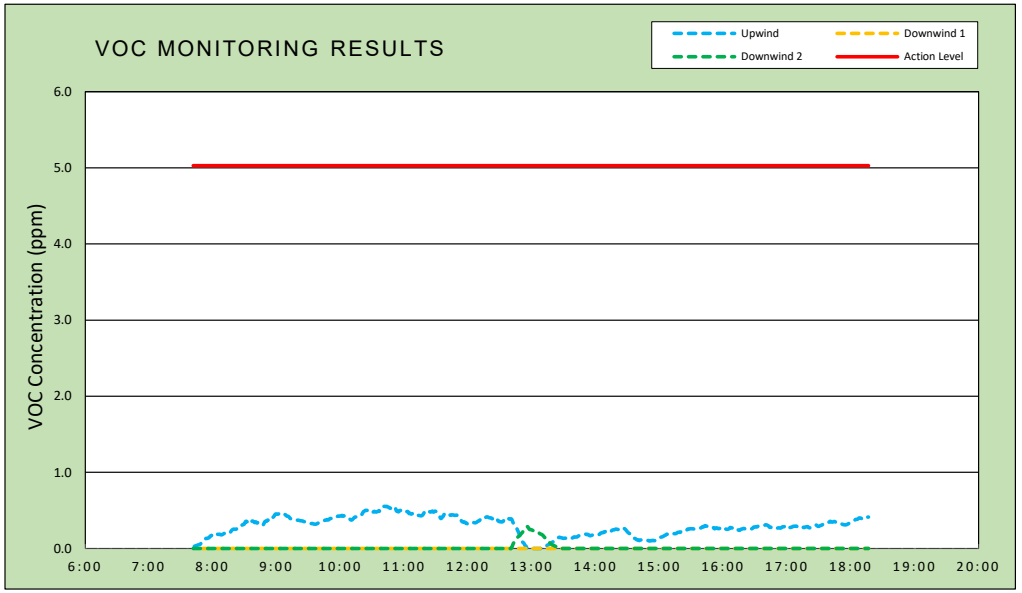
Dust Action Level: 201.4 µg/m^3

VOC Action Level: 5.0 ppm

Weather Data Range for Work Day		Wind Direction	ENE	Relative Humidity (%)	62.0 - 90.0	Daily Rain Total (in)	0.02	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	29.0 - 36.0	Wind Speed (MPH)	1.7 - 8.0	Barometer (inHg)	30.20 - 30.30	Avg. Dew Point Temp (°F)	25.6	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	39.5	51.6	8:16	0.3	0.6	10:44
Downwind 1	39.2	57.7	12:20	0.0	0.0	7:50
Downwind 2	36.1	50.5	8:07	0.0	0.3	7:42



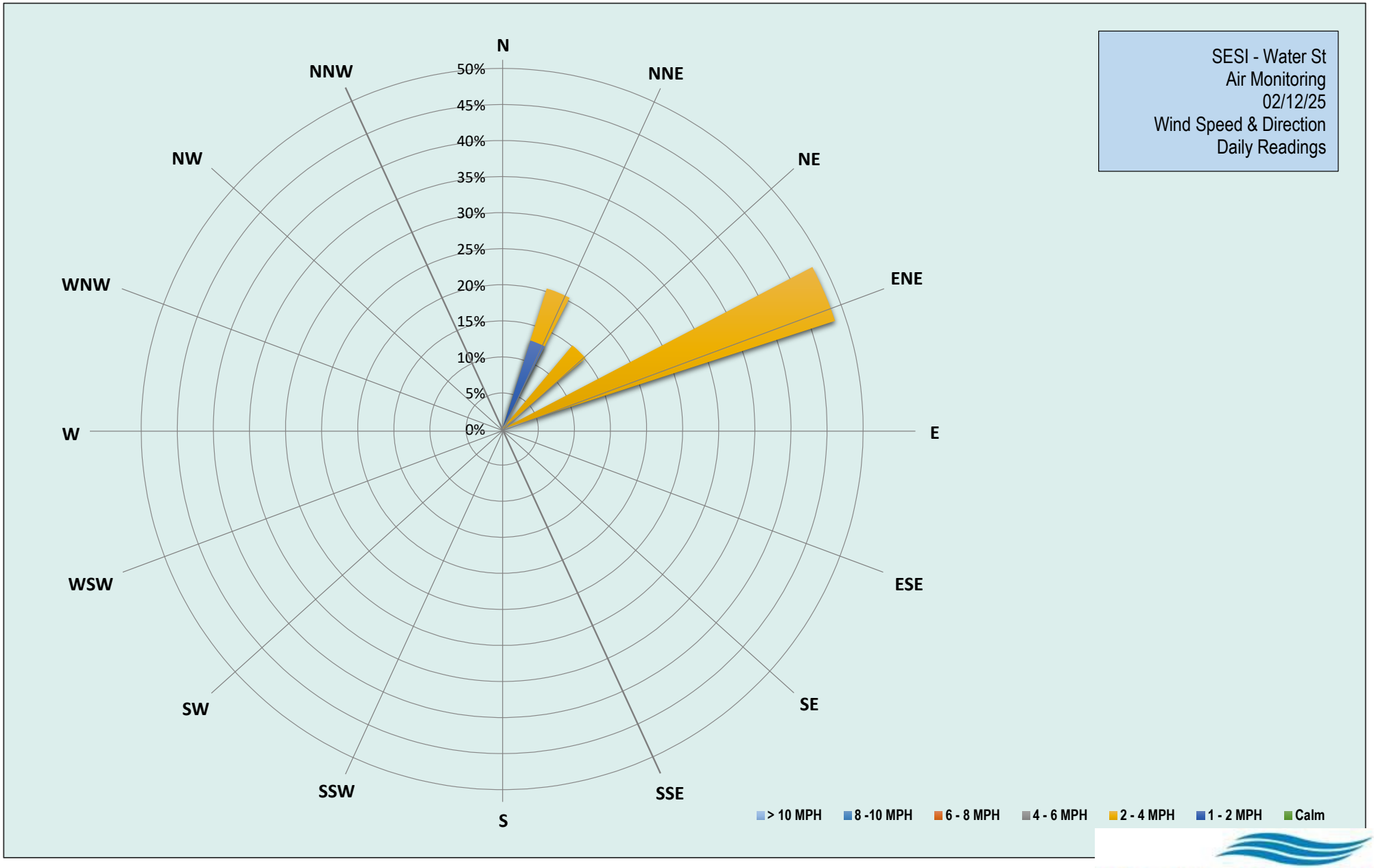


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Wednesday, February 12, 2025									
							Number of Instances Where Downwind Particulates Exceeds 201.4 =		0
							Number of Comparable Data Points =		630
							Start Time:		7:23
							End Time:		18:17
PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
7:23	24.5	-	7:23	-	-	7:23	-	-	-
7:24	49.0	-	7:24	-	-	7:24	-	-	-
7:25	49.0	-	7:25	-	-	7:25	-	-	-
7:26	49.3	-	7:26	-	-	7:26	-	-	-
7:27	-	-	7:27	-	-	7:27	50.0	-	-
7:28	-	-	7:28	-	-	7:28	50.5	-	-
7:29	-	-	7:29	-	-	7:29	51.0	-	-
7:30	-	-	7:30	-	-	7:30	48.5	-	-
7:31	-	-	7:31	-	-	7:31	51.0	-	-
7:32	-	-	7:32	-	-	7:32	52.5	-	-
7:33	0.0	-	7:33	-	-	7:33	50.3	-	-
7:34	87.8	-	7:34	-	-	7:34	49.8	-	-
7:35	47.0	-	7:35	37.0	-	7:35	50.8	-	-
7:36	49.3	-	7:36	48.8	-	7:36	50.0	-	-
7:37	49.8	-	7:37	48.5	-	7:37	50.5	-	-
7:38	50.3	-	7:38	50.3	-	7:38	49.8	-	-
7:39	48.8	-	7:39	48.8	-	7:39	55.0	-	-
7:40	49.0	-	7:40	47.8	-	7:40	48.3	-	-
7:41	49.8	-	7:41	49.3	-	7:41	50.0	-	-
7:42	49.0	-	7:42	47.0	-	7:42	49.3	50.5	-
7:43	48.0	-	7:43	47.8	-	7:43	49.3	50.4	-
7:44	49.8	-	7:44	48.0	-	7:44	49.5	50.3	-
7:45	47.8	-	7:45	49.5	-	7:45	49.5	50.4	-
7:46	48.0	-	7:46	49.0	-	7:46	48.5	50.2	-
7:47	49.2	-	7:47	47.3	-	7:47	48.3	49.9	-
7:48	48.5	51.4	7:48	47.3	-	7:48	57.8	50.4	-
7:49	48.3	48.8	7:49	47.3	-	7:49	50.3	50.4	-
7:50	49.5	49.0	7:50	47.3	48.2	7:50	51.5	50.5	-
7:51	50.5	49.1	7:51	47.5	48.2	7:51	48.3	50.4	-
7:52	51.0	49.1	7:52	49.8	48.2	7:52	51.0	50.4	-
7:53	50.0	49.1	7:53	49.3	48.2	7:53	48.0	50.3	-
7:54	48.8	49.1	7:54	48.8	48.2	7:54	52.0	50.1	-
7:55	49.0	49.1	7:55	46.8	48.1	7:55	48.0	50.1	-
7:56	50.0	49.1	7:56	50.5	48.2	7:56	47.8	49.9	-
7:57	48.3	49.1	7:57	48.5	48.3	7:57	49.0	49.9	-
7:58	47.0	49.0	7:58	48.5	48.3	7:58	50.0	50.0	-
7:59	46.8	48.8	7:59	48.3	48.4	7:59	49.8	50.0	-
8:00	48.5	48.9	8:00	50.3	48.4	8:00	49.3	50.0	-
8:01	48.5	48.9	8:01	50.0	48.5	8:01	50.3	50.1	-
8:02	49.8	49.0	8:02	50.8	48.7	8:02	50.5	50.2	-
8:03	52.0	49.2	8:03	49.5	48.9	8:03	50.0	49.7	-
8:04	51.0	49.4	8:04	50.3	49.1	8:04	51.5	49.8	-
8:05	50.3	49.4	8:05	51.0	49.3	8:05	49.8	49.7	-
8:06	50.5	49.4	8:06	50.0	49.5	8:06	54.3	50.1	-
8:07	53.5	49.6	8:07	50.3	49.5	8:07	58.0	50.5	-
8:08	52.5	49.8	8:08	50.3	49.6	8:08	47.3	50.5	-
8:09	52.5	50.0	8:09	48.3	49.5	8:09	47.5	50.2	-
8:10	49.3	50.0	8:10	48.8	49.7	8:10	47.5	50.2	-
8:11	50.5	50.1	8:11	48.0	49.5	8:11	49.3	50.3	-
8:12	53.0	50.4	8:12	48.5	49.5	8:12	48.0	50.2	-
8:13	52.5	50.7	8:13	47.8	49.5	8:13	47.5	50.0	-
8:14	53.0	51.2	8:14	47.8	49.4	8:14	45.8	49.8	-
8:15	52.5	51.4	8:15	49.0	49.3	8:15	46.0	49.5	-
8:16	51.0	51.6	8:16	48.5	49.2	8:16	47.0	49.3	-
8:17	49.5	51.6	8:17	49.5	49.2	8:17	47.3	49.1	-
8:18	50.0	51.4	8:18	48.0	49.1	8:18	47.0	48.9	-
8:19	49.5	51.3	8:19	47.5	48.9	8:19	48.3	48.7	-
8:20	49.8	51.3	8:20	48.0	48.7	8:20	45.3	48.4	-
8:21	50.3	51.3	8:21	48.0	48.5	8:21	47.3	47.9	-
8:22	51.3	51.1	8:22	48.3	48.4	8:22	45.5	47.1	-
8:23	49.3	50.9	8:23	49.3	48.3	8:23	44.0	46.9	-
8:24	50.0	50.8	8:24	50.3	48.5	8:24	45.5	46.7	-
8:25	50.0	50.8	8:25	50.0	48.6	8:25	48.0	46.8	-
8:26	51.8	50.9	8:26	49.5	48.7	8:26	50.3	46.8	-
8:27	48.3	50.6	8:27	47.5	48.6	8:27	49.3	46.9	-
8:28	46.8	50.2	8:28	50.0	48.7	8:28	49.3	47.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
8:29	46.3	49.7	8:29	50.5	48.9	8:29	46.3	47.1	-
8:30	45.8	49.3	8:30	46.3	48.7	8:30	45.0	47.0	-
8:31	47.8	49.1	8:31	47.0	48.6	8:31	46.8	47.0	-
8:32	48.5	49.0	8:32	46.8	48.5	8:32	44.5	46.8	-
8:33	48.3	48.9	8:33	49.0	48.5	8:33	45.5	46.7	-
8:34	48.0	48.8	8:34	49.5	48.7	8:34	48.8	46.7	-
8:35	46.5	48.6	8:35	47.5	48.6	8:35	48.3	46.9	-
8:36	49.8	48.5	8:36	47.3	48.6	8:36	45.5	46.8	-
8:37	51.0	48.5	8:37	46.8	48.5	8:37	46.0	46.9	-
8:38	49.0	48.5	8:38	48.5	48.4	8:38	45.5	47.0	-
8:39	49.5	48.5	8:39	47.8	48.3	8:39	44.8	46.9	-
8:40	46.8	48.3	8:40	47.5	48.1	8:40	45.5	46.7	-
8:41	47.0	47.9	8:41	49.5	48.1	8:41	44.5	46.4	-
8:42	48.2	47.9	8:42	46.8	48.0	8:42	45.8	46.1	-
8:43	47.3	48.0	8:43	47.3	47.9	8:43	45.5	45.9	-
8:44	47.3	48.0	8:44	48.5	47.7	8:44	47.3	45.9	-
8:45	46.3	48.1	8:45	49.0	47.9	8:45	48.0	46.1	-
8:46	45.8	47.9	8:46	45.8	47.8	8:46	47.0	46.2	-
8:47	44.0	47.6	8:47	46.3	47.8	8:47	47.0	46.3	-
8:48	44.3	47.4	8:48	45.3	47.5	8:48	45.0	46.3	-
8:49	46.8	47.3	8:49	45.3	47.3	8:49	43.3	45.9	-
8:50	46.3	47.3	8:50	45.3	47.1	8:50	43.8	45.6	-
8:51	47.5	47.1	8:51	44.8	46.9	8:51	43.0	45.5	-
8:52	46.0	46.8	8:52	48.0	47.0	8:52	43.5	45.3	-
8:53	46.3	46.6	8:53	46.5	46.9	8:53	43.3	45.1	-
8:54	45.8	46.3	8:54	46.8	46.8	8:54	43.8	45.1	-
8:55	44.5	46.2	8:55	45.8	46.7	8:55	43.8	45.0	-
8:56	45.3	46.1	8:56	46.0	46.5	8:56	43.5	44.9	-
8:57	46.5	46.0	8:57	46.3	46.4	8:57	45.3	44.9	-
8:58	45.8	45.9	8:58	47.0	46.4	8:58	46.0	44.9	-
8:59	45.5	45.8	8:59	47.3	46.3	8:59	49.8	45.1	-
9:00	47.0	45.8	9:00	45.5	46.1	9:00	44.3	44.8	-
9:01	45.5	45.8	9:01	47.3	46.2	9:01	45.0	44.7	-
9:02	48.5	46.1	9:02	48.0	46.3	9:02	45.0	44.5	-
9:03	49.8	46.5	9:03	48.3	46.5	9:03	45.0	44.5	-
9:04	46.5	46.4	9:04	47.3	46.7	9:04	47.5	44.8	-
9:05	46.3	46.4	9:05	46.5	46.7	9:05	47.5	45.1	-
9:06	44.5	46.2	9:06	46.3	46.8	9:06	48.0	45.4	-
9:07	43.6	46.1	9:07	45.8	46.7	9:07	47.8	45.7	-
9:08	44.3	45.9	9:08	46.5	46.7	9:08	45.3	45.8	-
9:09	45.0	45.9	9:09	45.5	46.6	9:09	44.5	45.9	-
9:10	44.3	45.9	9:10	45.3	46.6	9:10	45.0	46.0	-
9:11	44.3	45.8	9:11	55.5	47.2	9:11	46.0	46.1	-
9:12	44.3	45.7	9:12	52.3	47.6	9:12	46.5	46.2	-
9:13	45.3	45.6	9:13	49.3	47.8	9:13	48.0	46.3	-
9:14	45.5	45.6	9:14	47.0	47.7	9:14	49.3	46.3	-
9:15	49.5	45.8	9:15	46.8	47.8	9:15	46.5	46.5	-
9:16	46.5	45.9	9:16	49.0	47.9	9:16	45.0	46.5	-
9:17	46.3	45.7	9:17	47.8	47.9	9:17	44.5	46.4	-
9:18	46.8	45.5	9:18	49.3	48.0	9:18	45.3	46.4	-
9:19	46.0	45.5	9:19	48.5	48.1	9:19	44.8	46.3	-
9:20	47.8	45.6	9:20	46.5	48.1	9:20	45.3	46.1	-
9:21	48.5	45.8	9:21	47.3	48.1	9:21	43.8	45.8	-
9:22	45.3	46.0	9:22	47.0	48.2	9:22	45.8	45.7	-
9:23	44.5	46.0	9:23	48.3	48.3	9:23	48.0	45.9	-
9:24	45.3	46.0	9:24	48.0	48.5	9:24	46.8	46.0	-
9:25	45.8	46.1	9:25	47.8	48.7	9:25	46.3	46.1	-
9:26	43.8	46.1	9:26	45.0	48.0	9:26	46.8	46.2	-
9:27	43.8	46.0	9:27	45.0	47.5	9:27	43.5	46.0	-
9:28	44.5	46.0	9:28	48.0	47.4	9:28	42.0	45.6	-
9:29	45.5	46.0	9:29	45.3	47.3	9:29	42.5	45.1	-
9:30	44.5	45.6	9:30	45.3	47.2	9:30	43.0	44.9	-
9:31	43.5	45.4	9:31	46.3	47.0	9:31	43.0	44.7	-
9:32	43.5	45.3	9:32	45.0	46.8	9:32	44.3	44.7	-
9:33	48.0	45.3	9:33	44.5	46.5	9:33	43.8	44.6	-
9:34	45.3	45.3	9:34	46.0	46.3	9:34	43.8	44.6	-
9:35	44.8	45.1	9:35	48.8	46.5	9:35	44.8	44.5	-
9:36	44.5	44.8	9:36	48.0	46.5	9:36	46.3	44.7	-
9:37	45.0	44.8	9:37	45.0	46.4	9:37	45.8	44.7	-
9:38	44.0	44.8	9:38	44.8	46.2	9:38	43.3	44.4	-
9:39	44.0	44.7	9:39	46.8	46.1	9:39	44.0	44.2	-
9:40	43.8	44.6	9:40	44.5	45.9	9:40	42.0	43.9	-
9:41	43.5	44.5	9:41	46.0	45.9	9:41	44.5	43.8	-
9:42	45.3	44.6	9:42	46.3	46.0	9:42	46.3	43.9	-
9:43	43.5	44.6	9:43	46.8	45.9	9:43	45.0	44.1	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:44	44.5	44.5	9:44	45.8	46.0	9:44	44.0	44.2	-
9:45	44.0	44.5	9:45	45.3	46.0	9:45	44.3	44.3	-
9:46	45.3	44.6	9:46	46.5	46.0	9:46	44.0	44.4	-
9:47	46.8	44.8	9:47	45.3	46.0	9:47	44.5	44.4	-
9:48	47.3	44.8	9:48	44.3	46.0	9:48	42.3	44.3	-
9:49	35.8	44.1	9:49	44.3	45.9	9:49	45.8	44.4	-
9:50	46.8	44.3	9:50	45.5	45.7	9:50	45.5	44.5	-
9:51	43.8	44.2	9:51	44.8	45.4	9:51	43.8	44.3	-
9:52	44.0	44.1	9:52	44.0	45.4	9:52	42.8	44.1	-
9:53	43.5	44.1	9:53	44.3	45.3	9:53	43.0	44.1	-
9:54	44.5	44.1	9:54	44.8	45.2	9:54	44.0	44.1	-
9:55	45.8	44.3	9:55	44.8	45.2	9:55	44.0	44.2	-
9:56	45.8	44.4	9:56	44.5	45.1	9:56	44.0	44.2	-
9:57	34.8	43.7	9:57	44.8	45.0	9:57	41.8	43.9	-
9:58	45.8	43.9	9:58	46.8	45.0	9:58	44.8	43.9	-
9:59	34.5	43.2	9:59	47.5	45.1	9:59	44.3	43.9	-
10:00	45.5	43.3	10:00	47.0	45.3	10:00	44.3	43.9	-
10:01	45.3	43.3	10:01	48.3	45.4	10:01	45.3	44.0	-
10:02	45.5	43.2	10:02	47.8	45.5	10:02	44.5	44.0	-
10:03	36.0	42.5	10:03	46.5	45.7	10:03	45.3	44.2	-
10:04	35.3	42.4	10:04	47.5	45.9	10:04	46.8	44.3	-
10:05	48.3	42.5	10:05	48.0	46.1	10:05	45.8	44.3	-
10:06	48.5	42.9	10:06	46.8	46.2	10:06	46.0	44.4	-
10:07	49.0	43.2	10:07	47.3	46.4	10:07	46.8	44.7	-
10:08	49.3	43.6	10:08	48.0	46.7	10:08	48.5	45.1	-
10:09	47.8	43.8	10:09	47.8	46.9	10:09	46.3	45.2	-
10:10	35.0	43.1	10:10	48.5	47.1	10:10	45.3	45.3	-
10:11	48.5	43.3	10:11	48.8	47.4	10:11	47.5	45.5	-
10:12	51.5	44.4	10:12	48.0	47.6	10:12	45.3	45.8	-
10:13	49.8	44.6	10:13	49.0	47.8	10:13	45.5	45.8	-
10:14	47.8	45.5	10:14	49.5	47.9	10:14	46.0	45.9	-
10:15	36.0	44.9	10:15	50.0	48.1	10:15	46.0	46.0	-
10:16	49.8	45.2	10:16	49.3	48.2	10:16	47.0	46.2	-
10:17	36.5	44.6	10:17	50.0	48.3	10:17	46.3	46.3	-
10:18	40.0	44.9	10:18	50.3	48.6	10:18	46.0	46.3	-
10:19	48.8	45.8	10:19	50.3	48.8	10:19	46.8	46.3	-
10:20	47.0	45.7	10:20	49.3	48.8	10:20	46.8	46.4	-
10:21	48.0	45.6	10:21	48.8	49.0	10:21	46.8	46.4	-
10:22	48.5	45.6	10:22	49.3	49.1	10:22	46.3	46.4	-
10:23	36.8	44.8	10:23	50.3	49.3	10:23	47.0	46.3	-
10:24	36.3	44.0	10:24	49.8	49.4	10:24	47.3	46.4	-
10:25	49.5	45.0	10:25	49.8	49.5	10:25	44.8	46.3	-
10:26	49.5	45.0	10:26	51.0	49.6	10:26	46.0	46.2	-
10:27	51.0	45.0	10:27	50.0	49.8	10:27	48.3	46.4	-
10:28	49.0	45.0	10:28	48.5	49.7	10:28	48.3	46.6	-
10:29	49.8	45.1	10:29	46.0	49.5	10:29	44.0	46.5	-
10:30	48.8	45.9	10:30	48.5	49.4	10:30	43.5	46.3	-
10:31	47.3	45.8	10:31	46.0	49.2	10:31	44.3	46.1	-
10:32	45.3	46.4	10:32	46.8	49.0	10:32	44.3	46.0	-
10:33	47.8	46.9	10:33	51.0	49.0	10:33	45.3	46.0	-
10:34	47.8	46.8	10:34	50.0	49.0	10:34	46.3	45.9	-
10:35	48.8	46.9	10:35	49.8	49.0	10:35	48.0	46.0	-
10:36	48.8	47.0	10:36	49.5	49.1	10:36	47.3	46.0	-
10:37	50.3	47.1	10:37	49.5	49.1	10:37	45.3	46.0	-
10:38	50.8	48.0	10:38	49.3	49.0	10:38	44.3	45.8	-
10:39	46.3	48.7	10:39	47.3	48.9	10:39	47.0	45.8	-
10:40	48.0	48.6	10:40	48.8	48.8	10:40	47.5	46.0	-
10:41	36.5	47.7	10:41	48.0	48.6	10:41	47.5	46.1	-
10:42	44.3	47.3	10:42	45.5	48.3	10:42	44.8	45.8	-
10:43	35.5	46.4	10:43	48.0	48.3	10:43	45.8	45.7	-
10:44	47.3	46.2	10:44	47.8	48.4	10:44	45.0	45.7	-
10:45	49.8	46.3	10:45	46.8	48.3	10:45	45.3	45.8	-
10:46	50.5	46.5	10:46	47.5	48.4	10:46	45.3	45.9	-
10:47	48.5	46.7	10:47	45.5	48.3	10:47	44.5	45.9	-
10:48	48.5	46.8	10:48	45.5	47.9	10:48	45.3	45.9	-
10:49	47.0	46.7	10:49	46.3	47.7	10:49	44.5	45.8	-
10:50	46.8	46.6	10:50	46.3	47.4	10:50	43.8	45.5	-
10:51	49.3	46.6	10:51	45.3	47.1	10:51	44.8	45.4	-
10:52	47.8	46.4	10:52	45.0	46.8	10:52	43.5	45.2	-
10:53	49.3	46.3	10:53	47.3	46.7	10:53	45.0	45.3	-
10:54	49.5	46.6	10:54	49.3	46.8	10:54	46.3	45.2	-
10:55	48.8	46.6	10:55	47.8	46.8	10:55	45.0	45.1	-
10:56	47.3	47.3	10:56	48.0	46.8	10:56	45.5	44.9	-
10:57	42.5	47.2	10:57	46.5	46.8	10:57	41.8	44.7	-
10:58	48.0	48.0	10:58	47.3	46.8	10:58	41.5	44.5	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
10:59	46.3	48.0	10:59	43.8	46.5	10:59	43.5	44.4	-
11:00	44.5	47.6	11:00	45.8	46.5	11:00	40.3	44.0	-
11:01	45.0	47.3	11:01	46.3	46.4	11:01	42.8	43.9	-
11:02	45.8	47.1	11:02	47.0	46.5	11:02	41.8	43.7	-
11:03	46.8	47.0	11:03	46.8	46.6	11:03	42.8	43.5	-
11:04	44.8	46.8	11:04	44.3	46.4	11:04	41.5	43.3	-
11:05	47.8	46.9	11:05	43.8	46.3	11:05	41.5	43.2	-
11:06	50.0	46.9	11:06	43.0	46.1	11:06	40.3	42.9	-
11:07	45.0	46.7	11:07	44.0	46.0	11:07	40.5	42.7	-
11:08	46.8	46.6	11:08	44.8	45.9	11:08	41.5	42.4	-
11:09	47.8	46.5	11:09	44.0	45.5	11:09	42.8	42.2	-
11:10	37.3	45.7	11:10	43.3	45.2	11:10	40.5	41.9	-
11:11	45.0	45.5	11:11	43.5	44.9	11:11	40.5	41.6	-
11:12	45.8	45.8	11:12	43.3	44.7	11:12	40.8	41.5	-
11:13	33.3	44.8	11:13	43.8	44.5	11:13	42.0	41.5	-
11:14	44.8	44.7	11:14	44.3	44.5	11:14	41.0	41.4	-
11:15	44.0	44.6	11:15	44.0	44.4	11:15	40.8	41.4	-
11:16	45.3	44.7	11:16	42.8	44.2	11:16	38.0	41.1	-
11:17	44.8	44.6	11:17	42.3	43.8	11:17	40.0	41.0	-
11:18	45.3	44.5	11:18	42.3	43.5	11:18	40.3	40.8	-
11:19	45.0	44.5	11:19	42.0	43.4	11:19	40.8	40.7	-
11:20	44.8	44.3	11:20	42.3	43.3	11:20	39.3	40.6	-
11:21	32.8	43.2	11:21	41.8	43.2	11:21	39.0	40.5	-
11:22	43.0	43.0	11:22	42.8	43.1	11:22	39.3	40.4	-
11:23	32.3	42.1	11:23	42.0	42.9	11:23	39.0	40.3	-
11:24	43.0	41.7	11:24	42.8	42.9	11:24	38.5	40.0	-
11:25	33.5	41.5	11:25	42.0	42.8	11:25	37.3	39.8	-
11:26	42.0	41.3	11:26	42.8	42.7	11:26	38.5	39.6	-
11:27	45.8	41.3	11:27	42.8	42.7	11:27	38.5	39.5	-
11:28	44.8	42.1	11:28	42.5	42.6	11:28	40.0	39.3	-
11:29	45.3	42.1	11:29	41.5	42.4	11:29	39.3	39.2	-
11:30	44.0	42.1	11:30	41.3	42.2	11:30	38.5	39.1	-
11:31	43.8	42.0	11:31	41.0	42.1	11:31	38.3	39.1	-
11:32	43.5	41.9	11:32	41.8	42.1	11:32	38.5	39.0	-
11:33	42.3	41.7	11:33	41.8	42.1	11:33	38.8	38.9	-
11:34	42.0	41.5	11:34	42.0	42.1	11:34	37.3	38.7	-
11:35	42.8	41.4	11:35	41.3	42.0	11:35	38.8	38.6	-
11:36	43.0	42.1	11:36	41.8	42.0	11:36	38.8	38.6	-
11:37	43.0	42.1	11:37	43.5	42.0	11:37	38.5	38.6	-
11:38	41.0	42.6	11:38	42.5	42.1	11:38	38.0	38.5	-
11:39	42.8	42.6	11:39	43.0	42.1	11:39	37.8	38.4	-
11:40	42.0	43.2	11:40	41.5	42.1	11:40	37.0	38.4	-
11:41	41.8	43.2	11:41	43.8	42.1	11:41	36.8	38.3	-
11:42	41.8	42.9	11:42	43.3	42.2	11:42	37.3	38.2	-
11:43	40.3	42.6	11:43	42.8	42.2	11:43	37.8	38.1	-
11:44	41.0	42.3	11:44	42.5	42.2	11:44	35.5	37.8	-
11:45	42.5	42.2	11:45	41.0	42.2	11:45	36.0	37.7	-
11:46	43.5	42.2	11:46	41.5	42.3	11:46	37.3	37.6	-
11:47	42.3	42.1	11:47	40.5	42.2	11:47	37.0	37.5	-
11:48	42.0	42.1	11:48	40.5	42.1	11:48	37.0	37.4	-
11:49	44.3	42.3	11:49	41.3	42.0	11:49	37.3	37.4	-
11:50	43.3	42.3	11:50	43.0	42.2	11:50	37.5	37.3	-
11:51	43.5	42.3	11:51	42.8	42.2	11:51	39.0	37.3	-
11:52	31.0	41.5	11:52	41.8	42.1	11:52	36.5	37.2	-
11:53	41.8	41.6	11:53	41.3	42.0	11:53	37.0	37.1	-
11:54	47.8	41.9	11:54	41.5	41.9	11:54	36.8	37.0	-
11:55	42.8	42.0	11:55	43.5	42.1	11:55	37.0	37.0	-
11:56	45.3	42.2	11:56	44.0	42.1	11:56	37.5	37.1	-
11:57	43.5	42.3	11:57	41.5	42.0	11:57	38.3	37.2	-
11:58	44.0	42.6	11:58	40.3	41.8	11:58	38.3	37.2	-
11:59	45.3	42.8	11:59	41.0	41.7	11:59	38.0	37.4	-
12:00	44.3	43.0	12:00	40.5	41.7	12:00	38.5	37.5	-
12:01	43.0	42.9	12:01	40.8	41.6	12:01	38.5	37.6	-
12:02	44.3	43.1	12:02	41.0	41.6	12:02	37.5	37.6	-
12:03	42.5	43.1	12:03	40.8	41.7	12:03	36.5	37.6	-
12:04	42.0	42.9	12:04	41.0	41.6	12:04	37.5	37.6	-
12:05	42.3	42.9	12:05	39.8	41.4	12:05	36.3	37.5	-
12:06	42.3	42.8	12:06	54.0	42.2	12:06	35.8	37.3	-
12:07	43.8	43.6	12:07	109.3	46.7	12:07	37.3	37.4	-
12:08	41.0	43.6	12:08	161.0	54.7	12:08	36.0	37.3	-
12:09	42.0	43.2	12:09	45.0	54.9	12:09	36.0	37.3	-
12:10	42.8	43.2	12:10	82.8	57.5	12:10	35.8	37.2	-
12:11	43.5	43.1	12:11	43.5	57.5	12:11	36.8	37.1	-
12:12	42.5	43.0	12:12	41.8	57.5	12:12	37.8	37.1	-
12:13	41.8	42.9	12:13	41.5	57.6	12:13	37.3	37.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
12:14	43.3	42.7	12:14	40.8	57.6	12:14	35.8	36.9	-
12:15	42.0	42.6	12:15	41.8	57.6	12:15	36.5	36.7	-
12:16	43.0	42.6	12:16	40.8	57.6	12:16	36.5	36.6	-
12:17	42.0	42.4	12:17	41.0	57.6	12:17	36.0	36.5	-
12:18	43.3	42.5	12:18	40.8	57.6	12:18	37.5	36.6	-
12:19	42.5	42.5	12:19	41.5	57.7	12:19	35.8	36.5	-
12:20	42.8	42.6	12:20	40.3	57.7	12:20	36.3	36.5	-
12:21	42.3	42.6	12:21	41.5	56.9	12:21	36.8	36.5	-
12:22	41.3	42.4	12:22	41.8	52.4	12:22	36.0	36.4	-
12:23	41.3	42.4	12:23	39.0	44.2	12:23	35.3	36.4	-
12:24	43.8	42.5	12:24	40.8	44.0	12:24	38.3	36.5	-
12:25	42.3	42.5	12:25	41.3	41.2	12:25	36.3	36.6	-
12:26	42.3	42.4	12:26	41.0	41.0	12:26	36.3	36.5	-
12:27	41.8	42.4	12:27	41.8	41.0	12:27	35.0	36.4	-
12:28	40.5	42.3	12:28	39.3	40.9	12:28	35.5	36.2	-
12:29	41.0	42.1	12:29	39.3	40.8	12:29	35.0	36.2	-
12:30	39.8	42.0	12:30	39.3	40.6	12:30	35.0	36.1	-
12:31	40.8	41.8	12:31	39.5	40.5	12:31	35.3	36.0	-
12:32	41.3	41.8	12:32	38.5	40.4	12:32	34.5	35.9	-
12:33	42.5	41.7	12:33	40.3	40.3	12:33	36.3	35.8	-
12:34	42.5	41.7	12:34	40.0	40.2	12:34	38.0	36.0	-
12:35	40.3	41.6	12:35	39.8	40.2	12:35	34.3	35.8	-
12:36	40.5	41.4	12:36	38.8	40.0	12:36	33.0	35.6	-
12:37	40.5	41.4	12:37	39.3	39.8	12:37	34.0	35.5	-
12:38	42.0	41.4	12:38	42.0	40.0	12:38	35.3	35.5	-
12:39	42.5	41.4	12:39	41.3	40.1	12:39	35.5	35.3	-
12:40	43.3	41.4	12:40	39.5	40.0	12:40	34.0	35.1	-
12:41	40.3	41.3	12:41	39.5	39.9	12:41	33.8	35.0	-
12:42	39.3	41.1	12:42	35.0	39.4	12:42	41.3	35.4	-
12:43	40.0	41.1	12:43	34.3	39.1	12:43	42.0	35.8	-
12:44	39.8	41.0	12:44	34.5	38.8	12:44	42.0	36.3	-
12:45	40.3	41.0	12:45	35.3	38.5	12:45	41.3	36.7	-
12:46	40.5	41.0	12:46	33.8	38.1	12:46	42.0	37.1	-
12:47	40.3	41.0	12:47	34.8	37.9	12:47	43.5	37.7	-
12:48	37.5	40.6	12:48	33.5	37.4	12:48	43.3	38.2	-
12:49	38.5	40.4	12:49	34.3	37.0	12:49	42.0	38.5	-
12:50	37.5	40.2	12:50	34.0	36.6	12:50	50.3	39.5	-
12:51	40.3	40.2	12:51	35.0	36.4	12:51	46.8	40.5	-
12:52	41.0	40.2	12:52	35.3	36.1	12:52	44.8	41.2	-
12:53	40.8	40.1	12:53	35.0	35.7	12:53	45.0	41.8	-
12:54	38.8	39.9	12:54	36.3	35.3	12:54	42.5	42.3	-
12:55	40.0	39.6	12:55	35.3	35.0	12:55	41.5	42.8	-
12:56	38.5	39.5	12:56	33.3	34.6	12:56	42.0	43.3	-
12:57	37.5	39.4	12:57	31.8	34.4	12:57	42.5	43.4	-
12:58	38.8	39.3	12:58	31.8	34.2	12:58	41.5	43.4	-
12:59	41.8	39.5	12:59	32.8	34.1	12:59	41.5	43.4	-
13:00	41.3	39.5	13:00	33.0	34.0	13:00	42.5	43.4	-
13:01	37.8	39.3	13:01	33.8	34.0	13:01	43.0	43.5	-
13:02	40.5	39.4	13:02	33.8	33.9	13:02	43.0	43.5	-
13:03	42.3	39.7	13:03	34.3	34.0	13:03	43.0	43.5	-
13:04	39.0	39.7	13:04	32.5	33.8	13:04	42.5	43.5	-
13:05	37.0	39.7	13:05	33.8	33.8	13:05	44.5	43.1	-
13:06	36.0	39.4	13:06	31.3	33.6	13:06	42.0	42.8	-
13:07	35.3	39.0	13:07	30.5	33.3	13:07	41.5	42.6	-
13:08	36.3	38.7	13:08	30.3	32.9	13:08	40.0	42.2	-
13:09	36.8	38.6	13:09	30.8	32.6	13:09	43.0	42.3	-
13:10	37.0	38.4	13:10	32.0	32.4	13:10	40.5	42.2	-
13:11	37.3	38.3	13:11	31.3	32.2	13:11	40.3	42.1	-
13:12	39.8	38.4	13:12	37.0	32.6	13:12	31.5	41.4	-
13:13	30.0	37.9	13:13	37.3	32.9	13:13	30.8	40.6	-
13:14	42.3	37.9	13:14	37.5	33.3	13:14	31.8	40.0	-
13:15	41.0	37.9	13:15	37.8	33.6	13:15	31.0	39.2	-
13:16	39.3	38.0	13:16	37.3	33.8	13:16	31.3	38.4	-
13:17	39.3	37.9	13:17	36.8	34.0	13:17	30.8	37.6	-
13:18	39.3	37.7	13:18	35.3	34.1	13:18	30.8	36.8	-
13:19	38.3	37.6	13:19	36.8	34.4	13:19	29.0	35.9	-
13:20	38.0	37.7	13:20	37.0	34.6	13:20	31.0	35.0	-
13:21	39.5	37.9	13:21	37.8	35.0	13:21	30.8	34.3	-
13:22	39.5	38.2	13:22	37.3	35.5	13:22	31.0	33.6	-
13:23	40.3	38.5	13:23	36.8	35.9	13:23	30.3	32.9	-
13:24	43.3	38.9	13:24	36.5	36.3	13:24	31.5	32.1	-
13:25	46.0	39.5	13:25	36.5	36.6	13:25	31.8	31.6	-
13:26	41.0	39.8	13:26	36.3	36.9	13:26	29.5	30.8	-
13:27	41.0	39.9	13:27	38.0	37.0	13:27	29.8	30.7	-
13:28	40.5	40.6	13:28	36.8	36.9	13:28	30.8	30.7	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
13:29	39.5	40.4	13:29	36.5	36.9	13:29	30.5	30.6	-
13:30	40.0	40.3	13:30	37.0	36.8	13:30	32.5	30.7	-
13:31	40.5	40.4	13:31	35.5	36.7	13:31	30.8	30.7	-
13:32	39.5	40.4	13:32	36.5	36.7	13:32	30.5	30.7	-
13:33	38.3	40.3	13:33	35.0	36.7	13:33	33.0	30.8	-
13:34	36.8	40.2	13:34	36.3	36.6	13:34	29.0	30.8	-
13:35	39.5	40.3	13:35	35.8	36.6	13:35	28.5	30.7	-
13:36	39.5	40.3	13:36	37.0	36.5	13:36	30.3	30.6	-
13:37	38.0	40.2	13:37	36.3	36.4	13:37	29.5	30.5	-
13:38	37.5	40.1	13:38	35.3	36.3	13:38	27.8	30.4	-
13:39	42.0	40.0	13:39	34.8	36.2	13:39	28.0	30.1	-
13:40	39.8	39.6	13:40	35.3	36.1	13:40	28.5	29.9	-
13:41	40.5	39.5	13:41	36.3	36.1	13:41	29.5	29.9	-
13:42	38.0	39.3	13:42	35.5	36.0	13:42	29.5	29.9	-
13:43	38.5	39.2	13:43	35.0	35.9	13:43	29.3	29.8	-
13:44	38.8	39.1	13:44	34.8	35.7	13:44	29.5	29.7	-
13:45	29.0	38.4	13:45	34.0	35.5	13:45	29.3	29.5	-
13:46	39.0	38.3	13:46	33.8	35.4	13:46	28.5	29.4	-
13:47	38.8	38.3	13:47	37.5	35.5	13:47	29.3	29.3	-
13:48	37.5	38.2	13:48	37.3	35.6	13:48	28.8	29.0	-
13:49	39.3	38.4	13:49	37.5	35.7	13:49	29.0	29.0	-
13:50	38.8	38.3	13:50	35.3	35.7	13:50	30.5	29.1	-
13:51	39.3	38.3	13:51	36.0	35.6	13:51	30.2	29.1	-
13:52	42.0	38.6	13:52	36.3	35.6	13:52	29.2	29.1	-
13:53	42.5	38.9	13:53	36.8	35.7	13:53	30.4	29.3	-
13:54	37.5	38.6	13:54	36.5	35.8	13:54	31.2	29.5	-
13:55	38.0	38.5	13:55	37.3	36.0	13:55	30.0	29.6	-
13:56	38.8	38.4	13:56	38.0	36.1	13:56	30.0	29.6	-
13:57	39.3	38.5	13:57	36.3	36.1	13:57	30.2	29.7	-
13:58	39.0	38.5	13:58	36.0	36.2	13:58	30.0	29.7	-
13:59	38.0	38.4	13:59	36.0	36.3	13:59	29.8	29.8	-
14:00	41.5	39.3	14:00	35.5	36.4	14:00	29.0	29.7	-
14:01	37.5	39.2	14:01	34.8	36.5	14:01	29.2	29.8	-
14:02	36.3	39.0	14:02	34.8	36.3	14:02	29.8	29.8	-
14:03	35.8	38.9	14:03	33.5	36.0	14:03	28.2	29.8	-
14:04	36.0	38.7	14:04	33.5	35.8	14:04	27.8	29.7	-
14:05	38.0	38.6	14:05	35.0	35.7	14:05	27.8	29.5	-
14:06	38.3	38.6	14:06	34.0	35.6	14:06	27.4	29.3	-
14:07	37.0	38.2	14:07	34.8	35.5	14:07	28.4	29.3	-
14:08	35.5	37.8	14:08	33.0	35.3	14:08	29.0	29.2	-
14:09	35.5	37.6	14:09	33.8	35.1	14:09	27.0	28.9	-
14:10	35.5	37.5	14:10	33.3	34.8	14:10	25.8	28.6	-
14:11	34.5	37.2	14:11	32.5	34.4	14:11	25.6	28.3	-
14:12	33.8	36.8	14:12	34.0	34.3	14:12	26.4	28.1	-
14:13	36.3	36.6	14:13	34.0	34.2	14:13	26.8	27.9	-
14:14	35.3	36.4	14:14	33.3	34.0	14:14	26.4	27.6	-
14:15	36.0	36.1	14:15	32.5	33.8	14:15	26.4	27.5	-
14:16	38.5	36.1	14:16	32.5	33.6	14:16	27.0	27.3	-
14:17	38.5	36.3	14:17	33.3	33.5	14:17	26.4	27.1	-
14:18	36.5	36.3	14:18	33.3	33.5	14:18	26.6	27.0	-
14:19	38.3	36.5	14:19	33.5	33.5	14:19	26.6	26.9	-
14:20	34.8	36.3	14:20	32.8	33.4	14:20	26.8	26.8	-
14:21	36.0	36.1	14:21	33.3	33.3	14:21	27.2	26.8	-
14:22	36.8	36.1	14:22	33.8	33.2	14:22	27.0	26.7	-
14:23	36.5	36.2	14:23	33.0	33.2	14:23	28.0	26.7	-
14:24	36.8	36.3	14:24	34.3	33.3	14:24	28.0	26.7	-
14:25	38.0	36.4	14:25	34.3	33.3	14:25	27.8	26.9	-
14:26	38.5	36.7	14:26	34.8	33.5	14:26	30.4	27.2	-
14:27	45.5	37.5	14:27	35.0	33.6	14:27	28.2	27.3	-
14:28	45.8	38.1	14:28	34.8	33.6	14:28	29.4	27.5	-
14:29	35.3	38.1	14:29	36.0	33.8	14:29	28.6	27.6	-
14:30	36.3	38.1	14:30	33.8	33.9	14:30	29.4	27.8	-
14:31	38.0	38.1	14:31	33.8	34.0	14:31	28.6	27.9	-
14:32	37.5	38.0	14:32	34.0	34.0	14:32	27.2	28.0	-
14:33	37.3	38.1	14:33	34.0	34.1	14:33	27.2	28.0	-
14:34	37.5	38.0	14:34	34.3	34.1	14:34	28.4	28.1	-
14:35	37.0	38.2	14:35	34.0	34.2	14:35	29.4	28.3	-
14:36	36.3	38.2	14:36	37.0	34.4	14:36	29.8	28.5	-
14:37	36.3	38.2	14:37	35.5	34.6	14:37	28.8	28.6	-
14:38	35.3	38.1	14:38	36.0	34.8	14:38	30.0	28.7	-
14:39	36.3	38.0	14:39	36.5	34.9	14:39	28.4	28.8	-
14:40	41.8	38.3	14:40	37.0	35.1	14:40	29.4	28.9	-
14:41	39.3	38.3	14:41	36.3	35.2	14:41	38.0	29.4	-
14:42	40.3	38.0	14:42	36.8	35.3	14:42	30.6	29.5	-
14:43	39.5	37.6	14:43	37.3	35.5	14:43	29.4	29.5	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:44	40.3	37.9	14:44	37.8	35.6	14:44	31.2	29.7	-
14:45	39.8	38.1	14:45	38.0	35.9	14:45	31.4	29.9	-
14:46	41.0	38.3	14:46	39.0	36.2	14:46	31.6	30.1	-
14:47	42.8	38.7	14:47	39.5	36.6	14:47	32.0	30.4	-
14:48	42.5	39.0	14:48	37.8	36.8	14:48	33.0	30.8	-
14:49	40.5	39.2	14:49	36.8	37.0	14:49	30.6	30.9	-
14:50	41.0	39.5	14:50	38.0	37.3	14:50	29.8	30.9	-
14:51	41.0	39.8	14:51	37.5	37.3	14:51	30.4	31.0	-
14:52	39.5	40.0	14:52	36.3	37.4	14:52	30.8	31.1	-
14:53	41.8	40.5	14:53	38.5	37.5	14:53	31.0	31.2	-
14:54	41.8	40.8	14:54	37.5	37.6	14:54	31.2	31.4	-
14:55	42.5	40.9	14:55	37.0	37.6	14:55	30.6	31.4	-
14:56	42.0	41.1	14:56	36.8	37.6	14:56	30.6	30.9	-
14:57	36.8	40.8	14:57	36.8	37.6	14:57	31.2	31.0	-
14:58	38.0	40.7	14:58	38.0	37.7	14:58	29.8	31.0	-
14:59	37.5	40.6	14:59	37.8	37.7	14:59	28.8	30.9	-
15:00	39.5	40.5	15:00	38.3	37.7	15:00	29.3	30.7	-
15:01	38.3	40.4	15:01	36.5	37.5	15:01	31.8	30.7	-
15:02	37.5	40.0	15:02	34.5	37.2	15:02	35.8	31.0	-
15:03	35.3	39.5	15:03	33.3	36.9	15:03	29.8	30.8	-
15:04	32.8	39.0	15:04	33.3	36.7	15:04	27.5	30.5	-
15:05	34.8	38.6	15:05	33.3	36.3	15:05	27.8	30.4	-
15:06	27.3	37.7	15:06	32.8	36.0	15:06	26.0	30.1	-
15:07	33.3	37.3	15:07	32.3	35.8	15:07	28.5	30.0	-
15:08	33.3	36.7	15:08	31.5	35.3	15:08	28.0	29.8	-
15:09	34.0	36.2	15:09	33.3	35.0	15:09	26.8	29.5	-
15:10	36.8	35.8	15:10	32.5	34.7	15:10	25.5	29.1	-
15:11	37.8	35.5	15:11	32.5	34.4	15:11	29.0	29.0	-
15:12	35.8	35.4	15:12	33.0	34.2	15:12	27.8	28.8	-
15:13	35.5	35.3	15:13	33.0	33.8	15:13	28.5	28.7	-
15:14	35.8	35.2	15:14	33.0	33.5	15:14	27.8	28.6	-
15:15	35.3	34.9	15:15	33.8	33.2	15:15	27.5	28.5	-
15:16	34.5	34.6	15:16	31.8	32.9	15:16	26.8	28.2	-
15:17	35.3	34.5	15:17	33.0	32.8	15:17	26.3	27.6	-
15:18	36.5	34.6	15:18	33.3	32.8	15:18	27.0	27.4	-
15:19	35.5	34.7	15:19	32.8	32.8	15:19	26.3	27.3	-
15:20	37.3	34.9	15:20	32.0	32.7	15:20	26.8	27.2	-
15:21	36.8	35.5	15:21	32.8	32.7	15:21	27.0	27.3	-
15:22	34.3	35.6	15:22	32.8	32.7	15:22	28.3	27.3	-
15:23	33.8	35.6	15:23	31.8	32.7	15:23	30.0	27.4	-
15:24	33.8	35.6	15:24	31.0	32.6	15:24	27.5	27.5	-
15:25	34.8	35.5	15:25	33.8	32.7	15:25	25.5	27.5	-
15:26	35.5	35.3	15:26	32.8	32.7	15:26	28.0	27.4	-
15:27	35.8	35.3	15:27	31.5	32.6	15:27	27.0	27.3	-
15:28	33.3	35.2	15:28	31.8	32.5	15:28	30.3	27.5	-
15:29	33.8	35.1	15:29	30.5	32.3	15:29	27.3	27.4	-
15:30	34.5	35.0	15:30	30.3	32.1	15:30	28.5	27.5	-
15:31	23.8	34.3	15:31	32.0	32.1	15:31	25.3	27.4	-
15:32	33.3	34.2	15:32	31.5	32.0	15:32	26.8	27.4	-
15:33	31.8	33.8	15:33	31.0	31.9	15:33	25.8	27.3	-
15:34	31.8	33.6	15:34	30.5	31.7	15:34	25.3	27.3	-
15:35	31.5	33.2	15:35	30.5	31.6	15:35	26.0	27.2	-
15:36	33.0	33.0	15:36	30.0	31.4	15:36	25.0	27.1	-
15:37	32.3	32.8	15:37	31.5	31.4	15:37	29.0	27.1	-
15:38	31.8	32.7	15:38	31.8	31.4	15:38	25.3	26.8	-
15:39	32.5	32.6	15:39	30.0	31.3	15:39	28.0	26.9	-
15:40	33.0	32.5	15:40	31.5	31.1	15:40	27.0	27.0	-
15:41	32.8	32.3	15:41	32.0	31.1	15:41	26.3	26.8	-
15:42	32.3	32.1	15:42	30.5	31.0	15:42	27.0	26.8	-
15:43	31.0	31.9	15:43	31.8	31.0	15:43	26.3	26.6	-
15:44	31.3	31.8	15:44	29.8	31.0	15:44	26.5	26.5	-
15:45	33.5	31.7	15:45	29.8	30.9	15:45	26.0	26.4	-
15:46	31.3	32.2	15:46	29.5	30.8	15:46	25.3	26.4	-
15:47	30.5	32.0	15:47	30.3	30.7	15:47	25.8	26.3	-
15:48	32.5	32.1	15:48	31.3	30.7	15:48	29.0	26.5	-
15:49	32.0	32.1	15:49	32.8	30.9	15:49	28.3	26.7	-
15:50	30.8	32.0	15:50	32.8	31.0	15:50	25.5	26.7	-
15:51	23.5	31.4	15:51	32.5	31.2	15:51	26.0	26.7	-
15:52	31.8	31.4	15:52	30.5	31.1	15:52	27.0	26.6	-
15:53	32.0	31.4	15:53	28.5	30.9	15:53	25.5	26.6	-
15:54	24.8	30.9	15:54	30.0	30.9	15:54	26.8	26.5	-
15:55	32.5	30.8	15:55	30.0	30.8	15:55	25.8	26.5	-
15:56	32.3	30.8	15:56	30.0	30.7	15:56	25.3	26.4	-
15:57	32.0	30.8	15:57	30.3	30.6	15:57	25.8	26.3	-
15:58	31.8	30.8	15:58	30.0	30.5	15:58	24.5	26.2	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
15:59	22.8	30.3	15:59	31.0	30.6	15:59	24.8	26.1	-
16:00	23.5	29.6	16:00	31.3	30.7	16:00	26.0	26.1	-
16:01	29.8	29.5	16:01	31.0	30.8	16:01	25.0	26.1	-
16:02	30.5	29.5	16:02	30.8	30.8	16:02	24.5	26.0	-
16:03	31.0	29.4	16:03	30.8	30.8	16:03	24.8	25.7	-
16:04	31.3	29.3	16:04	31.0	30.7	16:04	28.3	25.7	-
16:05	22.8	28.8	16:05	30.3	30.5	16:05	27.3	25.8	-
16:06	30.8	29.3	16:06	31.3	30.4	16:06	25.8	25.8	-
16:07	26.5	28.9	16:07	33.3	30.6	16:07	24.5	25.6	-
16:08	32.3	29.0	16:08	33.5	31.0	16:08	25.5	25.6	-
16:09	31.3	29.4	16:09	32.8	31.1	16:09	25.5	25.5	-
16:10	32.5	29.4	16:10	32.8	31.3	16:10	24.8	25.5	-
16:11	33.0	29.4	16:11	32.5	31.5	16:11	25.5	25.5	-
16:12	32.0	29.4	16:12	30.3	31.5	16:12	24.8	25.4	-
16:13	32.3	29.5	16:13	29.8	31.5	16:13	24.5	25.4	-
16:14	31.3	30.0	16:14	31.0	31.5	16:14	24.8	25.4	-
16:15	30.8	30.5	16:15	29.8	31.4	16:15	24.8	25.3	-
16:16	30.5	30.6	16:16	30.5	31.3	16:16	24.3	25.3	-
16:17	32.0	30.7	16:17	30.5	31.3	16:17	24.3	25.3	-
16:18	32.8	30.8	16:18	31.5	31.4	16:18	25.3	25.3	-
16:19	30.5	30.7	16:19	30.5	31.3	16:19	23.0	25.0	-
16:20	31.3	31.3	16:20	30.0	31.3	16:20	24.8	24.8	-
16:21	31.0	31.3	16:21	30.5	31.3	16:21	24.3	24.7	-
16:22	31.3	31.6	16:22	30.8	31.1	16:22	23.8	24.6	-
16:23	30.0	31.5	16:23	37.3	31.4	16:23	24.5	24.6	-
16:24	31.8	31.5	16:24	30.0	31.2	16:24	23.8	24.5	-
16:25	29.0	31.3	16:25	28.0	30.9	16:25	25.3	24.5	-
16:26	27.3	30.9	16:26	27.5	30.5	16:26	25.5	24.5	-
16:27	28.3	30.7	16:27	29.8	30.5	16:27	27.0	24.6	-
16:28	29.3	30.5	16:28	29.5	30.5	16:28	25.5	24.7	-
16:29	30.3	30.4	16:29	29.3	30.4	16:29	24.5	24.7	-
16:30	29.5	30.3	16:30	27.5	30.2	16:30	25.0	24.7	-
16:31	22.5	29.8	16:31	29.8	30.2	16:31	24.5	24.7	-
16:32	29.8	29.6	16:32	28.8	30.0	16:32	24.5	24.7	-
16:33	30.0	29.4	16:33	30.5	30.0	16:33	24.8	24.7	-
16:34	31.0	29.5	16:34	29.8	29.9	16:34	24.3	24.8	-
16:35	29.3	29.3	16:35	30.5	30.0	16:35	24.0	24.7	-
16:36	28.8	29.2	16:36	29.5	29.9	16:36	27.5	25.0	-
16:37	28.0	29.0	16:37	27.8	29.7	16:37	25.5	25.1	-
16:38	31.5	29.1	16:38	28.5	29.1	16:38	24.5	25.1	-
16:39	30.3	29.0	16:39	29.5	29.1	16:39	24.3	25.1	-
16:40	31.5	29.1	16:40	28.8	29.1	16:40	23.8	25.0	-
16:41	28.8	29.2	16:41	28.8	29.2	16:41	29.3	25.3	-
16:42	30.8	29.4	16:42	28.5	29.1	16:42	25.0	25.1	-
16:43	24.5	29.1	16:43	28.8	29.1	16:43	24.3	25.0	-
16:44	30.0	29.1	16:44	28.8	29.0	16:44	25.3	25.1	-
16:45	31.5	29.2	16:45	28.8	29.1	16:45	25.8	25.1	-
16:46	30.5	29.7	16:46	28.8	29.1	16:46	27.0	25.3	-
16:47	24.0	29.4	16:47	30.0	29.1	16:47	24.0	25.3	-
16:48	31.3	29.4	16:48	30.8	29.2	16:48	24.0	25.2	-
16:49	32.3	29.5	16:49	31.0	29.2	16:49	25.5	25.3	-
16:50	35.8	30.0	16:50	30.3	29.2	16:50	28.3	25.6	-
16:51	39.3	30.7	16:51	32.3	29.4	16:51	33.0	26.0	-
16:52	40.5	31.5	16:52	31.8	29.7	16:52	31.3	26.3	-
16:53	27.5	31.2	16:53	31.3	29.9	16:53	29.0	26.6	-
16:54	36.8	31.7	16:54	31.3	30.0	16:54	25.5	26.7	-
16:55	35.0	31.9	16:55	31.0	30.1	16:55	34.8	27.5	-
16:56	34.0	32.2	16:56	31.3	30.3	16:56	28.5	27.4	-
16:57	33.0	32.4	16:57	32.3	30.5	16:57	27.5	27.6	-
16:58	36.3	33.2	16:58	30.3	30.6	16:58	27.3	27.8	-
16:59	34.0	33.4	16:59	30.0	30.7	16:59	27.5	27.9	-
17:00	36.0	33.7	17:00	31.0	30.9	17:00	27.8	28.1	-
17:01	34.3	34.0	17:01	31.8	31.1	17:01	25.8	28.0	-
17:02	31.0	34.5	17:02	29.3	31.0	17:02	25.0	28.0	-
17:03	30.0	34.4	17:03	29.5	30.9	17:03	25.8	28.2	-
17:04	30.0	34.2	17:04	31.8	31.0	17:04	25.3	28.1	-
17:05	30.3	33.9	17:05	28.5	30.9	17:05	24.5	27.9	-
17:06	29.3	33.2	17:06	28.3	30.6	17:06	22.5	27.2	-
17:07	29.0	32.4	17:07	29.8	30.5	17:07	24.0	26.7	-
17:08	24.5	32.2	17:08	29.3	30.3	17:08	23.3	26.3	-
17:09	30.3	31.8	17:09	28.8	30.2	17:09	28.0	26.5	-
17:10	30.3	31.5	17:10	30.3	30.1	17:10	25.0	25.8	-
17:11	28.3	31.1	17:11	30.8	30.1	17:11	26.8	25.7	-
17:12	31.8	31.0	17:12	31.3	30.0	17:12	27.0	25.7	-
17:13	30.0	30.6	17:13	31.5	30.1	17:13	28.3	25.8	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
17:14	30.0	30.3	17:14	30.8	30.2	17:14	28.0	25.8	-
17:15	30.5	30.0	17:15	29.8	30.1	17:15	25.0	25.6	-
17:16	30.5	29.7	17:16	29.3	29.9	17:16	25.0	25.6	-
17:17	28.8	29.6	17:17	29.0	29.9	17:17	25.3	25.6	-
17:18	28.0	29.4	17:18	28.0	29.8	17:18	24.8	25.5	-
17:19	28.3	29.3	17:19	28.8	29.6	17:19	24.5	25.5	-
17:20	28.0	29.2	17:20	28.8	29.6	17:20	25.0	25.5	-
17:21	27.5	29.0	17:21	29.8	29.7	17:21	28.8	25.9	-
17:22	27.3	28.9	17:22	29.0	29.7	17:22	26.3	26.1	-
17:23	27.5	29.1	17:23	29.3	29.7	17:23	25.8	26.2	-
17:24	26.8	28.9	17:24	29.5	29.7	17:24	26.3	26.1	-
17:25	27.8	28.7	17:25	29.3	29.6	17:25	28.0	26.3	-
17:26	28.3	28.7	17:26	29.5	29.6	17:26	25.3	26.2	-
17:27	28.8	28.5	17:27	28.8	29.4	17:27	25.0	26.1	-
17:28	28.2	28.4	17:28	28.8	29.2	17:28	25.5	25.9	-
17:29	28.8	28.3	17:29	29.3	29.1	17:29	24.8	25.7	-
17:30	28.8	28.2	17:30	29.5	29.1	17:30	27.0	25.8	-
17:31	29.0	28.1	17:31	30.3	29.2	17:31	27.0	25.9	-
17:32	23.0	27.7	17:32	29.5	29.2	17:32	26.5	26.0	-
17:33	31.3	27.9	17:33	30.0	29.3	17:33	27.0	26.2	-
17:34	30.8	28.1	17:34	30.0	29.4	17:34	27.5	26.4	-
17:35	30.5	28.3	17:35	30.5	29.5	17:35	27.3	26.5	-
17:36	30.8	28.5	17:36	31.0	29.6	17:36	27.5	26.4	-
17:37	33.0	28.9	17:37	32.0	29.8	17:37	26.0	26.4	-
17:38	29.5	29.0	17:38	32.3	30.0	17:38	26.0	26.4	-
17:39	25.0	28.9	17:39	31.8	30.2	17:39	26.3	26.4	-
17:40	33.3	29.3	17:40	30.5	30.2	17:40	27.3	26.4	-
17:41	32.8	29.6	17:41	32.3	30.4	17:41	27.8	26.6	-
17:42	32.3	29.8	17:42	31.8	30.6	17:42	28.0	26.8	-
17:43	30.5	29.9	17:43	30.3	30.7	17:43	27.3	26.9	-
17:44	30.0	30.0	17:44	29.0	30.7	17:44	28.3	27.1	-
17:45	28.5	30.0	17:45	30.0	30.7	17:45	27.8	27.2	-
17:46	21.8	29.5	17:46	30.3	30.7	17:46	25.8	27.1	-
17:47	31.0	30.1	17:47	30.3	30.8	17:47	26.3	27.1	-
17:48	28.5	29.9	17:48	29.3	30.7	17:48	26.3	27.0	-
17:49	29.3	29.8	17:49	30.5	30.8	17:49	26.3	26.9	-
17:50	30.0	29.7	17:50	29.0	30.7	17:50	26.3	26.9	-
17:51	22.3	29.2	17:51	29.3	30.6	17:51	26.3	26.8	-
17:52	30.8	29.0	17:52	29.3	30.4	17:52	27.0	26.8	-
17:53	30.0	29.1	17:53	28.3	30.1	17:53	27.5	26.9	-
17:54	29.8	29.4	17:54	29.8	30.0	17:54	26.5	27.0	-
17:55	28.5	29.1	17:55	29.8	29.9	17:55	26.5	26.9	-
17:56	29.3	28.8	17:56	29.8	29.8	17:56	26.8	26.8	-
17:57	29.8	28.7	17:57	29.0	29.6	17:57	27.5	26.8	-
17:58	29.3	28.6	17:58	29.5	29.5	17:58	26.0	26.7	-
17:59	22.3	28.1	17:59	29.0	29.5	17:59	26.5	26.6	-
18:00	28.8	28.1	18:00	30.8	29.6	18:00	26.8	26.5	-
18:01	29.0	28.6	18:01	31.0	29.6	18:01	27.8	26.7	-
18:02	29.3	28.4	18:02	30.3	29.6	18:02	27.5	26.8	-
18:03	29.0	28.5	18:03	30.0	29.7	18:03	27.5	26.8	-
18:04	29.8	28.5	18:04	29.5	29.6	18:04	28.5	27.0	-
18:05	29.3	28.5	18:05	29.0	29.6	18:05	27.3	27.1	-
18:06	28.8	28.9	18:06	29.8	29.6	18:06	27.8	27.2	-
18:07	28.0	28.7	18:07	29.8	29.7	18:07	27.0	27.2	-
18:08	22.0	28.2	18:08	30.0	29.8	18:08	26.5	27.1	-
18:09	28.8	28.1	18:09	30.5	29.8	18:09	27.3	27.1	-
18:10	24.3	27.8	18:10	29.5	29.8	18:10	28.5	27.3	-
18:11	32.0	28.0	18:11	31.0	29.9	18:11	28.3	27.4	-
18:12	32.0	28.2	18:12	32.8	30.2	18:12	28.8	27.5	-
18:13	32.3	28.4	18:13	33.0	30.4	18:13	29.5	27.7	-
18:14	32.0	29.0	18:14	33.5	30.7	18:14	30.0	27.9	-
18:15	31.0	29.2	18:15	34.0	30.9	18:15	30.3	28.2	-
18:16	22.5	28.7	18:16	33.8	31.1	18:16	31.3	28.4	-
18:17	23.5	28.3	18:17	33.0	31.3	18:17	37.3	29.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

Wednesday, February 12, 2025									
								Number of Instances Where Downwind VOCs Exceeds 5.0 =	0
								Number of Comparable Data Points =	635
								Start Time:	7:23
								End Time:	18:17
PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
7:23	0.0	-	7:23	-	-	7:23	-	-	-
7:24	0.0	-	7:24	-	-	7:24	-	-	-
7:25	0.0	-	7:25	-	-	7:25	-	-	-
7:26	0.0	-	7:26	-	-	7:26	-	-	-
7:27	-	-	7:27	-	-	7:27	0.0	-	-
7:28	0.0	-	7:28	-	-	7:28	0.0	-	-
7:29	0.0	-	7:29	-	-	7:29	0.0	-	-
7:30	0.0	-	7:30	-	-	7:30	0.0	-	-
7:31	0.0	-	7:31	-	-	7:31	0.0	-	-
7:32	0.1	-	7:32	-	-	7:32	0.0	-	-
7:33	0.0	-	7:33	-	-	7:33	0.0	-	-
7:34	0.0	-	7:34	-	-	7:34	0.0	-	-
7:35	0.0	-	7:35	0.0	-	7:35	0.0	-	-
7:36	0.0	-	7:36	0.0	-	7:36	0.0	-	-
7:37	0.0	-	7:37	0.0	-	7:37	0.0	-	-
7:38	0.0	-	7:38	0.0	-	7:38	0.0	-	-
7:39	0.0	-	7:39	0.0	-	7:39	0.0	-	-
7:40	0.1	-	7:40	0.0	-	7:40	0.0	-	-
7:41	0.0	-	7:41	0.0	-	7:41	0.0	-	-
7:42	0.1	-	7:42	0.0	-	7:42	0.0	0.0	-
7:43	0.1	0.0	7:43	0.0	-	7:43	0.0	0.0	-
7:44	0.1	0.0	7:44	0.0	-	7:44	0.0	0.0	-
7:45	0.1	0.0	7:45	0.0	-	7:45	0.0	0.0	-
7:46	0.1	0.0	7:46	0.0	-	7:46	0.0	0.0	-
7:47	0.2	0.0	7:47	0.0	-	7:47	0.0	0.0	-
7:48	0.0	0.1	7:48	0.0	-	7:48	0.0	0.0	-
7:49	0.1	0.1	7:49	0.0	-	7:49	0.0	0.0	-
7:50	0.3	0.1	7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.1	0.1	7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.2	0.1	7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.3	0.1	7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.2	0.1	7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.1	0.1	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.1	0.1	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.2	0.1	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.4	0.2	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.1	0.2	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.4	0.2	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.1	0.2	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.1	0.2	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.2	0.2	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.2	0.2	8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.2	0.2	8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.1	0.2	8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.2	0.2	8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.2	0.2	8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.2	0.2	8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.2	0.2	8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.3	0.2	8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.2	0.2	8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.3	0.2	8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.3	0.2	8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.3	0.2	8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.2	0.2	8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.2	0.2	8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.5	0.2	8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.4	0.2	8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.3	0.3	8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.3	8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.2	0.3	8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.3	0.3	8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.4	0.3	8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.4	0.3	8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.3	0.3	8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.4	0.3	8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.3	0.3	8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.4	0.3	8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.3	0.3	8:30	0.0	0.0	8:30	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
8:31	0.7	0.3	8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.4	0.4	8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.3	0.3	8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.1	0.3	8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.3	0.3	8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.5	0.4	8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.3	0.4	8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.3	0.4	8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.2	0.3	8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.3	0.3	8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.5	0.3	8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.2	0.3	8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.4	0.3	8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.1	0.3	8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.4	0.3	8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.4	0.3	8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.4	0.3	8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.3	0.3	8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.6	0.3	8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.5	0.4	8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.4	0.4	8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.5	0.4	8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.2	0.4	8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.4	0.4	8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.6	0.4	8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.4	0.4	8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.5	0.4	8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.6	0.4	8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.5	0.4	8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.5	0.5	9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.4	0.5	9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.4	0.5	9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.4	0.5	9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.4	0.4	9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.4	0.4	9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.4	0.4	9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.4	0.4	9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.4	0.4	9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.3	0.4	9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.4	0.4	9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.4	0.4	9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.3	0.4	9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.4	0.4	9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.4	0.4	9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.4	0.4	9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.3	0.4	9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.4	0.4	9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.4	0.4	9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.3	0.4	9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.4	0.4	9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.4	0.4	9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.3	0.4	9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.3	0.4	9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.3	0.4	9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.3	0.4	9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.3	0.4	9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.3	0.3	9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.3	0.3	9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.3	0.3	9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.3	0.3	9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.3	0.3	9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.3	0.3	9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.3	0.3	9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.4	0.3	9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.3	0.3	9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.3	0.3	9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.3	0.3	9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.4	0.3	9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.4	0.3	9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.4	0.3	9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.4	0.3	9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.4	0.4	9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.3	0.4	9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.4	0.4	9:44	0.0	0.0	9:44	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
9:45	0.4	0.4	9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.4	0.4	9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.4	0.4	9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.5	0.4	9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.3	0.4	9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.5	0.4	9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.5	0.4	9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.3	0.4	9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.5	0.4	9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.4	0.4	9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.5	0.4	9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.4	0.4	9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.6	0.4	9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.5	0.4	9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.4	0.4	9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.4	0.4	10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.4	0.4	10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.5	0.4	10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.3	0.4	10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.3	0.4	10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.5	0.4	10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.3	0.4	10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.2	0.4	10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.3	0.4	10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.3	0.4	10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.3	0.4	10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.3	0.4	10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.7	0.4	10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.7	0.4	10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.6	0.4	10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.5	0.4	10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.6	0.4	10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.4	0.4	10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.4	0.4	10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.5	0.4	10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.5	0.4	10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.6	0.5	10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.5	0.5	10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.4	0.5	10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.4	0.5	10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.3	0.5	10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.3	0.5	10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.5	0.5	10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.6	0.5	10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.5	0.5	10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.6	0.5	10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.5	0.5	10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.6	0.5	10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.3	0.5	10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.4	0.5	10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.6	0.5	10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.7	0.5	10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.5	0.5	10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.9	0.5	10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.5	0.5	10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.7	0.6	10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.4	0.6	10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.5	0.6	10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.5	0.6	10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.6	0.6	10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.5	0.5	10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.4	0.5	10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.4	0.5	10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.4	0.5	10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.4	0.5	10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.7	0.5	10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.4	0.5	10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.6	0.5	10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.3	0.5	10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.4	0.5	10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.6	0.5	10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.6	0.5	10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.5	0.5	10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.5	0.5	10:58	0.0	0.0	10:58	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
10:59	0.3	0.5	10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.4	0.5	11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.4	0.5	11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.5	0.5	11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.4	0.5	11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.4	0.5	11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.4	0.5	11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.5	0.5	11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.5	0.5	11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.4	0.5	11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.4	0.5	11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.5	0.4	11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.5	0.4	11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.3	0.4	11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.6	0.4	11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.3	0.4	11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.4	0.4	11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.4	0.4	11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.5	0.4	11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.6	0.4	11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.7	0.5	11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.7	0.5	11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.4	0.5	11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.4	0.5	11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.3	0.5	11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.6	0.5	11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.4	0.5	11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.6	0.5	11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.4	0.5	11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.4	0.5	11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.5	0.5	11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.4	0.5	11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.2	0.5	11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.3	0.5	11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.3	0.4	11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.3	0.4	11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.4	0.4	11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.7	0.4	11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.5	0.4	11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.7	0.4	11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.5	0.4	11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.6	0.5	11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.4	0.4	11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.3	0.4	11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.5	0.4	11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.3	0.4	11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.5	0.4	11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.3	0.4	11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.3	0.4	11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.2	0.4	11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.3	0.4	11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.3	0.4	11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.4	0.4	11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.4	0.4	11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.3	0.4	11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.3	0.4	11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.3	0.4	11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.3	0.3	11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.3	0.3	11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.3	0.3	11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.3	0.3	11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.3	0.3	12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.3	0.3	12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.3	0.3	12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.4	0.3	12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.3	0.3	12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.4	0.3	12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.4	0.3	12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.4	0.3	12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.4	0.3	12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.5	0.3	12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.5	0.4	12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.4	0.4	12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.6	0.4	12:12	0.0	0.0	12:12	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
12:13	0.3	0.4	12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.7	0.4	12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.2	0.4	12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.4	0.4	12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.4	0.4	12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.5	0.4	12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.3	0.4	12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.3	0.4	12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.3	0.4	12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.4	0.4	12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.2	0.4	12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.5	0.4	12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.2	0.4	12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.4	0.4	12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.3	0.4	12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.5	0.4	12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.4	0.4	12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.2	0.4	12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.3	0.3	12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.5	0.4	12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.4	0.4	12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.6	0.4	12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.6	0.4	12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.5	0.4	12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.2	0.4	12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.2	0.4	12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.4	0.4	12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.2	0.4	12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.4	0.4	12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.4	12:42	0.0	0.0	12:42	0.4	0.0	-
12:43	0.0	0.3	12:43	0.0	0.0	12:43	0.5	0.1	-
12:44	0.0	0.3	12:44	0.0	0.0	12:44	0.3	0.1	-
12:45	0.0	0.3	12:45	0.0	0.0	12:45	0.3	0.1	-
12:46	0.0	0.3	12:46	0.0	0.0	12:46	0.4	0.1	-
12:47	0.0	0.2	12:47	0.0	0.0	12:47	0.3	0.1	-
12:48	0.0	0.2	12:48	0.0	0.0	12:48	0.2	0.2	-
12:49	0.0	0.2	12:49	0.0	0.0	12:49	0.2	0.2	-
12:50	0.0	0.1	12:50	0.0	0.0	12:50	0.2	0.2	-
12:51	0.0	0.1	12:51	0.0	0.0	12:51	0.2	0.2	-
12:52	0.0	0.1	12:52	0.0	0.0	12:52	0.3	0.2	-
12:53	0.0	0.1	12:53	0.0	0.0	12:53	0.3	0.2	-
12:54	0.0	0.0	12:54	0.0	0.0	12:54	0.2	0.3	-
12:55	0.0	0.0	12:55	0.0	0.0	12:55	0.2	0.3	-
12:56	0.0	0.0	12:56	0.0	0.0	12:56	0.3	0.3	-
12:57	0.0	0.0	12:57	0.0	0.0	12:57	0.3	0.3	-
12:58	0.0	0.0	12:58	0.0	0.0	12:58	0.2	0.3	-
12:59	0.0	0.0	12:59	0.0	0.0	12:59	0.2	0.2	-
13:00	0.0	0.0	13:00	0.0	0.0	13:00	0.3	0.2	-
13:01	0.0	0.0	13:01	0.0	0.0	13:01	0.2	0.2	-
13:02	0.0	0.0	13:02	0.0	0.0	13:02	0.2	0.2	-
13:03	0.0	0.0	13:03	0.0	0.0	13:03	0.1	0.2	-
13:04	0.0	0.0	13:04	0.0	0.0	13:04	0.2	0.2	-
13:05	0.0	0.0	13:05	0.0	0.0	13:05	0.1	0.2	-
13:06	0.0	0.0	13:06	0.0	0.0	13:06	0.1	0.2	-
13:07	0.0	0.0	13:07	0.0	0.0	13:07	0.1	0.2	-
13:08	0.0	0.0	13:08	0.0	0.0	13:08	0.1	0.2	-
13:09	0.0	0.0	13:09	0.0	0.0	13:09	0.2	0.2	-
13:10	0.0	0.0	13:10	0.0	0.0	13:10	0.1	0.2	-
13:11	0.0	0.0	13:11	0.0	0.0	13:11	0.1	0.2	-
13:12	0.1	0.0	13:12	0.0	0.0	13:12	0.0	0.2	-
13:13	0.2	0.0	13:13	0.0	0.0	13:13	0.0	0.1	-
13:14	0.1	0.0	13:14	0.0	0.0	13:14	0.0	0.1	-
13:15	0.2	0.0	13:15	0.0	0.0	13:15	0.0	0.1	-
13:16	0.1	0.0	13:16	0.0	0.0	13:16	0.0	0.1	-
13:17	0.1	0.1	13:17	0.0	0.0	13:17	0.0	0.1	-
13:18	0.1	0.1	13:18	0.0	0.0	13:18	0.0	0.1	-
13:19	0.2	0.1	13:19	0.0	0.0	13:19	0.0	0.1	-
13:20	0.1	0.1	13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.1	0.1	13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.1	0.1	13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.2	0.1	13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.2	0.1	13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.2	0.1	13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.2	0.1	13:26	0.0	0.0	13:26	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
13:27	0.1	0.1	13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.1	0.1	13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.1	0.1	13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.1	0.1	13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.1	0.1	13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.1	0.1	13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.1	0.1	13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.1	0.1	13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.1	0.1	13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.1	0.1	13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.2	0.1	13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.1	0.1	13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.3	0.1	13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.4	0.2	13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.1	0.2	13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.1	0.2	13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.2	0.2	13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.2	0.2	13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.2	0.2	13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.2	0.2	13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.2	0.2	13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.1	0.2	13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.2	0.2	13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.2	0.2	13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.2	0.2	13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.1	0.2	13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.2	0.2	13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.2	0.2	13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.2	0.2	13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.2	0.2	13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.2	0.2	13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.2	0.2	13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.2	0.2	13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.2	0.2	14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.1	0.2	14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.2	0.2	14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.2	0.2	14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.3	0.2	14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.4	0.2	14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.3	0.2	14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.2	0.2	14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.1	0.2	14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.3	0.2	14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.1	0.2	14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.2	14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.1	0.2	14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.2	0.2	14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.4	0.2	14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.4	0.2	14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.3	0.2	14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.2	0.2	14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.2	0.2	14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.4	0.3	14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.4	0.3	14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.2	0.3	14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.2	0.2	14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.2	0.3	14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.3	0.2	14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.2	0.3	14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.3	0.3	14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.3	14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.1	0.3	14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.1	0.2	14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.1	0.2	14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.1	0.2	14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.1	0.2	14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.1	0.2	14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.1	0.2	14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.1	0.2	14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.2	0.1	14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.1	14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.1	0.1	14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.1	0.1	14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.2	0.1	14:40	0.0	0.0	14:40	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
14:41	0.1	0.1	14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.1	0.1	14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.2	0.1	14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.1	0.1	14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.1	14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.1	0.1	14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.1	0.1	14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.1	0.1	14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.1	0.1	14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.1	0.1	14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.1	14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.1	0.1	14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.1	0.1	14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.2	0.1	14:54	0.0	0.0	14:54	0.0	0.0	-
14:55	0.1	0.1	14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.1	0.1	14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.2	0.1	14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.2	0.1	14:58	0.0	0.0	14:58	0.0	0.0	-
14:59	0.2	0.1	14:59	0.0	0.0	14:59	0.0	0.0	-
15:00	0.3	0.1	15:00	0.0	0.0	15:00	0.0	0.0	-
15:01	0.2	0.1	15:01	0.0	0.0	15:01	0.0	0.0	-
15:02	0.2	0.1	15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.2	0.2	15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.2	0.2	15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.2	0.2	15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.1	0.2	15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.3	0.2	15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.1	0.2	15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.3	0.2	15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.2	0.2	15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.2	0.2	15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.1	0.2	15:12	0.0	0.0	15:12	0.0	0.0	-
15:13	0.2	0.2	15:13	0.0	0.0	15:13	0.0	0.0	-
15:14	0.2	0.2	15:14	0.0	0.0	15:14	0.0	0.0	-
15:15	0.3	0.2	15:15	0.0	0.0	15:15	0.0	0.0	-
15:16	0.2	0.2	15:16	0.0	0.0	15:16	0.0	0.0	-
15:17	0.3	0.2	15:17	0.0	0.0	15:17	0.0	0.0	-
15:18	0.3	0.2	15:18	0.0	0.0	15:18	0.0	0.0	-
15:19	0.2	0.2	15:19	0.0	0.0	15:19	0.0	0.0	-
15:20	0.2	0.2	15:20	0.0	0.0	15:20	0.0	0.0	-
15:21	0.3	0.2	15:21	0.0	0.0	15:21	0.0	0.0	-
15:22	0.3	0.2	15:22	0.0	0.0	15:22	0.0	0.0	-
15:23	0.2	0.2	15:23	0.0	0.0	15:23	0.0	0.0	-
15:24	0.3	0.2	15:24	0.0	0.0	15:24	0.0	0.0	-
15:25	0.4	0.2	15:25	0.0	0.0	15:25	0.0	0.0	-
15:26	0.2	0.2	15:26	0.0	0.0	15:26	0.0	0.0	-
15:27	0.3	0.3	15:27	0.0	0.0	15:27	0.0	0.0	-
15:28	0.2	0.3	15:28	0.0	0.0	15:28	0.0	0.0	-
15:29	0.2	0.3	15:29	0.0	0.0	15:29	0.0	0.0	-
15:30	0.3	0.3	15:30	0.0	0.0	15:30	0.0	0.0	-
15:31	0.2	0.3	15:31	0.0	0.0	15:31	0.0	0.0	-
15:32	0.3	0.3	15:32	0.0	0.0	15:32	0.0	0.0	-
15:33	0.2	0.3	15:33	0.0	0.0	15:33	0.0	0.0	-
15:34	0.3	0.3	15:34	0.0	0.0	15:34	0.0	0.0	-
15:35	0.2	0.3	15:35	0.0	0.0	15:35	0.0	0.0	-
15:36	0.4	0.3	15:36	0.0	0.0	15:36	0.0	0.0	-
15:37	0.4	0.3	15:37	0.0	0.0	15:37	0.0	0.0	-
15:38	0.2	0.3	15:38	0.0	0.0	15:38	0.0	0.0	-
15:39	0.2	0.3	15:39	0.0	0.0	15:39	0.0	0.0	-
15:40	0.5	0.3	15:40	0.0	0.0	15:40	0.0	0.0	-
15:41	0.4	0.3	15:41	0.0	0.0	15:41	0.0	0.0	-
15:42	0.3	0.3	15:42	0.0	0.0	15:42	0.0	0.0	-
15:43	0.4	0.3	15:43	0.0	0.0	15:43	0.0	0.0	-
15:44	0.2	0.3	15:44	0.0	0.0	15:44	0.0	0.0	-
15:45	0.2	0.3	15:45	0.0	0.0	15:45	0.0	0.0	-
15:46	0.2	0.3	15:46	0.0	0.0	15:46	0.0	0.0	-
15:47	0.3	0.3	15:47	0.0	0.0	15:47	0.0	0.0	-
15:48	0.2	0.3	15:48	0.0	0.0	15:48	0.0	0.0	-
15:49	0.3	0.3	15:49	0.0	0.0	15:49	0.0	0.0	-
15:50	0.2	0.3	15:50	0.0	0.0	15:50	0.0	0.0	-
15:51	0.3	0.3	15:51	0.0	0.0	15:51	0.0	0.0	-
15:52	0.1	0.3	15:52	0.0	0.0	15:52	0.0	0.0	-
15:53	0.3	0.3	15:53	0.0	0.0	15:53	0.0	0.0	-
15:54	0.3	0.3	15:54	0.0	0.0	15:54	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
15:55	0.3	0.3	15:55	0.0	0.0	15:55	0.0	0.0	-
15:56	0.3	0.3	15:56	0.0	0.0	15:56	0.0	0.0	-
15:57	0.3	0.3	15:57	0.0	0.0	15:57	0.0	0.0	-
15:58	0.1	0.2	15:58	0.0	0.0	15:58	0.0	0.0	-
15:59	0.2	0.2	15:59	0.0	0.0	15:59	0.0	0.0	-
16:00	0.4	0.3	16:00	0.0	0.0	16:00	0.0	0.0	-
16:01	0.3	0.3	16:01	0.0	0.0	16:01	0.0	0.0	-
16:02	0.3	0.3	16:02	0.0	0.0	16:02	0.0	0.0	-
16:03	0.2	0.3	16:03	0.0	0.0	16:03	0.0	0.0	-
16:04	0.2	0.3	16:04	0.0	0.0	16:04	0.0	0.0	-
16:05	0.2	0.3	16:05	0.0	0.0	16:05	0.0	0.0	-
16:06	0.4	0.3	16:06	0.0	0.0	16:06	0.0	0.0	-
16:07	0.3	0.3	16:07	0.0	0.0	16:07	0.0	0.0	-
16:08	0.2	0.3	16:08	0.0	0.0	16:08	0.0	0.0	-
16:09	0.3	0.3	16:09	0.0	0.0	16:09	0.0	0.0	-
16:10	0.1	0.3	16:10	0.0	0.0	16:10	0.0	0.0	-
16:11	0.2	0.2	16:11	0.0	0.0	16:11	0.0	0.0	-
16:12	0.2	0.2	16:12	0.0	0.0	16:12	0.0	0.0	-
16:13	0.3	0.2	16:13	0.0	0.0	16:13	0.0	0.0	-
16:14	0.2	0.2	16:14	0.0	0.0	16:14	0.0	0.0	-
16:15	0.2	0.2	16:15	0.0	0.0	16:15	0.0	0.0	-
16:16	0.3	0.2	16:16	0.0	0.0	16:16	0.0	0.0	-
16:17	0.5	0.3	16:17	0.0	0.0	16:17	0.0	0.0	-
16:18	0.2	0.3	16:18	0.0	0.0	16:18	0.0	0.0	-
16:19	0.3	0.3	16:19	0.0	0.0	16:19	0.0	0.0	-
16:20	0.3	0.3	16:20	0.0	0.0	16:20	0.0	0.0	-
16:21	0.3	0.3	16:21	0.0	0.0	16:21	0.0	0.0	-
16:22	0.2	0.3	16:22	0.0	0.0	16:22	0.0	0.0	-
16:23	0.2	0.3	16:23	0.0	0.0	16:23	0.0	0.0	-
16:24	0.3	0.2	16:24	0.0	0.0	16:24	0.0	0.0	-
16:25	0.1	0.3	16:25	0.0	0.0	16:25	0.0	0.0	-
16:26	0.2	0.3	16:26	0.0	0.0	16:26	0.0	0.0	-
16:27	0.3	0.3	16:27	0.0	0.0	16:27	0.0	0.0	-
16:28	0.4	0.3	16:28	0.0	0.0	16:28	0.0	0.0	-
16:29	0.4	0.3	16:29	0.0	0.0	16:29	0.0	0.0	-
16:30	0.2	0.3	16:30	0.0	0.0	16:30	0.0	0.0	-
16:31	0.4	0.3	16:31	0.0	0.0	16:31	0.0	0.0	-
16:32	0.4	0.3	16:32	0.0	0.0	16:32	0.0	0.0	-
16:33	0.3	0.3	16:33	0.0	0.0	16:33	0.0	0.0	-
16:34	0.4	0.3	16:34	0.0	0.0	16:34	0.0	0.0	-
16:35	0.3	0.3	16:35	0.0	0.0	16:35	0.0	0.0	-
16:36	0.3	0.3	16:36	0.0	0.0	16:36	0.0	0.0	-
16:37	0.3	0.3	16:37	0.0	0.0	16:37	0.0	0.0	-
16:38	0.2	0.3	16:38	0.0	0.0	16:38	0.0	0.0	-
16:39	0.3	0.3	16:39	0.0	0.0	16:39	0.0	0.0	-
16:40	0.3	0.3	16:40	0.0	0.0	16:40	0.0	0.0	-
16:41	0.2	0.3	16:41	0.0	0.0	16:41	0.0	0.0	-
16:42	0.2	0.3	16:42	0.0	0.0	16:42	0.0	0.0	-
16:43	0.3	0.3	16:43	0.0	0.0	16:43	0.0	0.0	-
16:44	0.2	0.3	16:44	0.0	0.0	16:44	0.0	0.0	-
16:45	0.3	0.3	16:45	0.0	0.0	16:45	0.0	0.0	-
16:46	0.3	0.3	16:46	0.0	0.0	16:46	0.0	0.0	-
16:47	0.4	0.3	16:47	0.0	0.0	16:47	0.0	0.0	-
16:48	0.4	0.3	16:48	0.0	0.0	16:48	0.0	0.0	-
16:49	0.2	0.3	16:49	0.0	0.0	16:49	0.0	0.0	-
16:50	0.3	0.3	16:50	0.0	0.0	16:50	0.0	0.0	-
16:51	0.3	0.3	16:51	0.0	0.0	16:51	0.0	0.0	-
16:52	0.3	0.3	16:52	0.0	0.0	16:52	0.0	0.0	-
16:53	0.2	0.3	16:53	0.0	0.0	16:53	0.0	0.0	-
16:54	0.2	0.3	16:54	0.0	0.0	16:54	0.0	0.0	-
16:55	0.3	0.3	16:55	0.0	0.0	16:55	0.0	0.0	-
16:56	0.4	0.3	16:56	0.0	0.0	16:56	0.0	0.0	-
16:57	0.2	0.3	16:57	0.0	0.0	16:57	0.0	0.0	-
16:58	0.3	0.3	16:58	0.0	0.0	16:58	0.0	0.0	-
16:59	0.3	0.3	16:59	0.0	0.0	16:59	0.0	0.0	-
17:00	0.2	0.3	17:00	0.0	0.0	17:00	0.0	0.0	-
17:01	0.4	0.3	17:01	0.0	0.0	17:01	0.0	0.0	-
17:02	0.2	0.3	17:02	0.0	0.0	17:02	0.0	0.0	-
17:03	0.2	0.3	17:03	0.0	0.0	17:03	0.0	0.0	-
17:04	0.2	0.3	17:04	0.0	0.0	17:04	0.0	0.0	-
17:05	0.3	0.3	17:05	0.0	0.0	17:05	0.0	0.0	-
17:06	0.5	0.3	17:06	0.0	0.0	17:06	0.0	0.0	-
17:07	0.3	0.3	17:07	0.0	0.0	17:07	0.0	0.0	-
17:08	0.3	0.3	17:08	0.0	0.0	17:08	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 12, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
17:09	0.2	0.3	17:09	0.0	0.0	17:09	0.0	0.0	-
17:10	0.2	0.3	17:10	0.0	0.0	17:10	0.0	0.0	-
17:11	0.2	0.3	17:11	0.0	0.0	17:11	0.0	0.0	-
17:12	0.2	0.3	17:12	0.0	0.0	17:12	0.0	0.0	-
17:13	0.3	0.3	17:13	0.0	0.0	17:13	0.0	0.0	-
17:14	0.4	0.3	17:14	0.0	0.0	17:14	0.0	0.0	-
17:15	0.3	0.3	17:15	0.0	0.0	17:15	0.0	0.0	-
17:16	0.3	0.3	17:16	0.0	0.0	17:16	0.0	0.0	-
17:17	0.3	0.3	17:17	0.0	0.0	17:17	0.0	0.0	-
17:18	0.3	0.3	17:18	0.0	0.0	17:18	0.0	0.0	-
17:19	0.3	0.3	17:19	0.0	0.0	17:19	0.0	0.0	-
17:20	0.3	0.3	17:20	0.0	0.0	17:20	0.0	0.0	-
17:21	0.3	0.3	17:21	0.0	0.0	17:21	0.0	0.0	-
17:22	0.3	0.3	17:22	0.0	0.0	17:22	0.0	0.0	-
17:23	0.3	0.3	17:23	0.0	0.0	17:23	0.0	0.0	-
17:24	0.4	0.3	17:24	0.0	0.0	17:24	0.0	0.0	-
17:25	0.4	0.3	17:25	0.0	0.0	17:25	0.0	0.0	-
17:26	0.3	0.3	17:26	0.0	0.0	17:26	0.0	0.0	-
17:27	0.3	0.3	17:27	0.0	0.0	17:27	0.0	0.0	-
17:28	0.3	0.3	17:28	0.0	0.0	17:28	0.0	0.0	-
17:29	0.2	0.3	17:29	0.0	0.0	17:29	0.0	0.0	-
17:30	0.2	0.3	17:30	0.0	0.0	17:30	0.0	0.0	-
17:31	0.4	0.3	17:31	0.0	0.0	17:31	0.0	0.0	-
17:32	0.4	0.3	17:32	0.0	0.0	17:32	0.0	0.0	-
17:33	0.3	0.3	17:33	0.0	0.0	17:33	0.0	0.0	-
17:34	0.4	0.3	17:34	0.0	0.0	17:34	0.0	0.0	-
17:35	0.5	0.3	17:35	0.0	0.0	17:35	0.0	0.0	-
17:36	0.4	0.3	17:36	0.0	0.0	17:36	0.0	0.0	-
17:37	0.3	0.3	17:37	0.0	0.0	17:37	0.0	0.0	-
17:38	0.5	0.3	17:38	0.0	0.0	17:38	0.0	0.0	-
17:39	0.4	0.3	17:39	0.0	0.0	17:39	0.0	0.0	-
17:40	0.4	0.3	17:40	0.0	0.0	17:40	0.0	0.0	-
17:41	0.5	0.4	17:41	0.0	0.0	17:41	0.0	0.0	-
17:42	0.2	0.3	17:42	0.0	0.0	17:42	0.0	0.0	-
17:43	0.3	0.3	17:43	0.0	0.0	17:43	0.0	0.0	-
17:44	0.2	0.4	17:44	0.0	0.0	17:44	0.0	0.0	-
17:45	0.3	0.4	17:45	0.0	0.0	17:45	0.0	0.0	-
17:46	0.2	0.3	17:46	0.0	0.0	17:46	0.0	0.0	-
17:47	0.3	0.3	17:47	0.0	0.0	17:47	0.0	0.0	-
17:48	0.3	0.3	17:48	0.0	0.0	17:48	0.0	0.0	-
17:49	0.4	0.3	17:49	0.0	0.0	17:49	0.0	0.0	-
17:50	0.3	0.3	17:50	0.0	0.0	17:50	0.0	0.0	-
17:51	0.3	0.3	17:51	0.0	0.0	17:51	0.0	0.0	-
17:52	0.3	0.3	17:52	0.0	0.0	17:52	0.0	0.0	-
17:53	0.3	0.3	17:53	0.0	0.0	17:53	0.0	0.0	-
17:54	0.3	0.3	17:54	0.0	0.0	17:54	0.0	0.0	-
17:55	0.4	0.3	17:55	0.0	0.0	17:55	0.0	0.0	-
17:56	0.5	0.3	17:56	0.0	0.0	17:56	0.0	0.0	-
17:57	0.2	0.3	17:57	0.0	0.0	17:57	0.0	0.0	-
17:58	0.4	0.3	17:58	0.0	0.0	17:58	0.0	0.0	-
17:59	0.4	0.3	17:59	0.0	0.0	17:59	0.0	0.0	-
18:00	0.4	0.3	18:00	0.0	0.0	18:00	0.0	0.0	-
18:01	0.4	0.4	18:01	0.0	0.0	18:01	0.0	0.0	-
18:02	0.4	0.4	18:02	0.0	0.0	18:02	0.0	0.0	-
18:03	0.4	0.4	18:03	0.0	0.0	18:03	0.0	0.0	-
18:04	0.4	0.4	18:04	0.0	0.0	18:04	0.0	0.0	-
18:05	0.5	0.4	18:05	0.0	0.0	18:05	0.0	0.0	-
18:06	0.3	0.4	18:06	0.0	0.0	18:06	0.0	0.0	-
18:07	0.4	0.4	18:07	0.0	0.0	18:07	0.0	0.0	-
18:08	0.5	0.4	18:08	0.0	0.0	18:08	0.0	0.0	-
18:09	0.3	0.4	18:09	0.0	0.0	18:09	0.0	0.0	-
18:10	0.3	0.4	18:10	0.0	0.0	18:10	0.0	0.0	-
18:11	0.4	0.4	18:11	0.0	0.0	18:11	0.0	0.0	-
18:12	0.4	0.4	18:12	0.0	0.0	18:12	0.0	0.0	-
18:13	0.3	0.4	18:13	0.0	0.0	18:13	0.0	0.0	-
18:14	0.6	0.4	18:14	0.0	0.0	18:14	0.0	0.0	-
18:15	0.4	0.4	18:15	0.0	0.0	18:15	0.0	0.0	-
18:16	0.4	0.4	18:16	0.0	0.0	18:16	0.0	0.0	-
18:17	0.5	0.4	18:17	0.0	0.0	18:17	0.0	0.0	-

SESI
CONSULTING ENGINEERS

Geotechnical
Foundations
Land Planning
Geo-Structural
Environmental
Water Resources

Principals:

Anthony Castillo, PE
Fuad Dahan, PhD, PE, LSRP
Franz Laki, PE
John M. Nederfield, PE
Justin M. Protasiewicz, PE
Michael St. Pierre, PE
Jose M. Rodriguez, PE

February 26, 2025

Ms. Caroline Jalanti, Professional Engineer I
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

RE: Daily Progress Report – February 24, 2025
Former Ossining Works Site, Operable Unit 1 (OU-1) Site (C360172)
30 Water Street, Ossining, New York
SESI Project No. 11498

Dear Ms. Jalanti:

On behalf of our Client, WB 30 Water Street, LLC (the Volunteer"), SESI Consulting Engineers (SESI) has prepared this Daily Progress Report (DPR) at the request of the New York Department of Environmental Conservation (NYSDEC) regarding construction activities at the above referenced Site. This DPR includes the following:

1. Weather and general details;
2. Actions conducted during the reporting period;
3. Summary of all samples collected for any media;
4. Anticipated actions for the next reporting period;
5. Unresolved delays or issues encountered or anticipated that may affect the schedule and efforts to mitigate such issues/delays; and,
6. Community Air Monitoring Program (CAMP) activities.

SESI performed or coordinated the performance of the activities listed below.

1. GENERAL DETAILS

- The weather was observed to be sunny and 30-50 degrees F.

- The contractors included two (2) staff members from Griffon Construction, six (6) staff members from Renova, two (2) representative from the NYSDEC, one (1) representative from Soil Managers, one (1) courier from PACE, one (1) representatives from Arcadis and one (1) representative from SESI.

2. ACTIONS CONDUCTED DURING FEBRUARY 24, 2025

- On the southwest portion of the Site, within pilot program area Pilot J(A) (ISS-J) footprint, Renova was onsite performing the excavation of the surficial soils and the In-Situ Stabilization (ISS) operation.
- The generated material was stockpiled properly east of the Pilot J(A). Subsequently, ISS operations commenced with introducing the six (6) percent of Portland Cement (PC) and two (2) percent of Ground Granulate Blast Furnace Slag (GGBFS) into Pilot J(A)'s area and mixing the soil and amendments to a homogenous state. During the mixing deleterious materials were encountered and properly stockpiled south of the ISS-J(A) Total amendments were added per the table below. Renova took discrete samples at the depths prescribed by the pilot workplan in **Table 2** below **(Attachment C)**.

Table 1. ISS Pilot Grid Amendments

Date	ISS Area	Grid	Volume of Soil Treated (CY)	Mass of PC (Tons)	Mass of GGBFS (Tons)
2/7/2025	ISS-H	Pilot H	301	26.4	8.8
2/12/2025	ISS-D	Pilot D	502	44.4	14.8
2/24/2025	ISS-J	Pilot J(A)	281	26.4	8.8

3. SUMMARY OF SAMPLE COLLECTION

- Renova collected two (2) sets of cylinders, one set of seven (7) cylinders at 6-8' and one set of seven (8) cylinders at the 12-14' interval as noted in the table below. Two (2) cylinders per set will be sent out by Renova for Unconfined Compression Strength (UCS) and hydraulic permeability testing.

Table 2. ISS Pilot Grid Sample Collection

Date	ISS Area	Grid	Sample 1 depth collected (feet)	Sample 2 depth collected (feet)	7-Day UCS Results >50 psi		7-Day Permeability Results <10-6 cm/sec	
					Sample 1	Sample 2	Sample 1	Sample 2
2/7/2025	ISS-H	Pilot H	6-8	12-14	204	208	2.8E-07	4.0E-07
2/12/2025	ISS-D	Pilot D	6-8	12-14	170	114	3.2E-07	9.6E-07

2/27/2024	ISS-J	Pilot J(A)	6-8	12-14	TBD	TBD	TBD	TBD

4. ANTICIPATED ACTIONS FOR FEBRUARY 25, 2025

- Exporting of the generated surficial soils from the pilot program to their approved facilities.

5. DELAYS OR MODIFICATIONS TO THE SCHEDULE

None.

6. CAMP ACTIVITIES

Community air monitoring has been conducted for the above-mentioned "Actions conducted during February 24, 2025" per the CAMP. Two (2) air monitor stations (AMSs) were located downwind, and one (1) AMS was located upwind of the site's location. The AMSs were at these locations to monitor areas that are more vulnerable to any dust or vapor generated from the work. During the day no visible dust was observed to be generated, and odor suppressants were used during the ISS operations. Intermittently, the onsite SESI representative walked the southeast perimeter of the site, to confirm that no odor were migrating offsite. No dust or PID exceedances were recorded associated with the Site work operations (**Attachment D)**.

If you have any questions or need additional information, please feel free to call.

Sincerely,
SESI CONSULTING ENGINEERS D.P.C.

Chris Malvicini

Chris Malvicini
Assistant Project Manager

Attachments:
A – Photographs
B – General Site Plan
C – Cell Layout
D – CAMP Data

Attachment A – Photographs

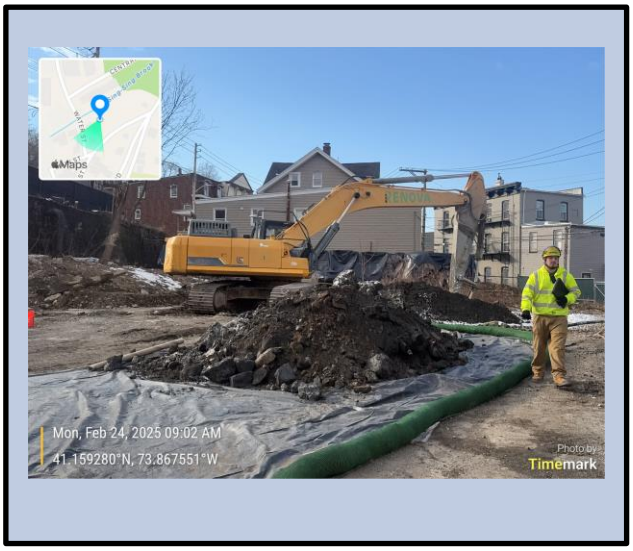


Photo #1

Sample view southwest portion of the site, excavation observation, facing southwest

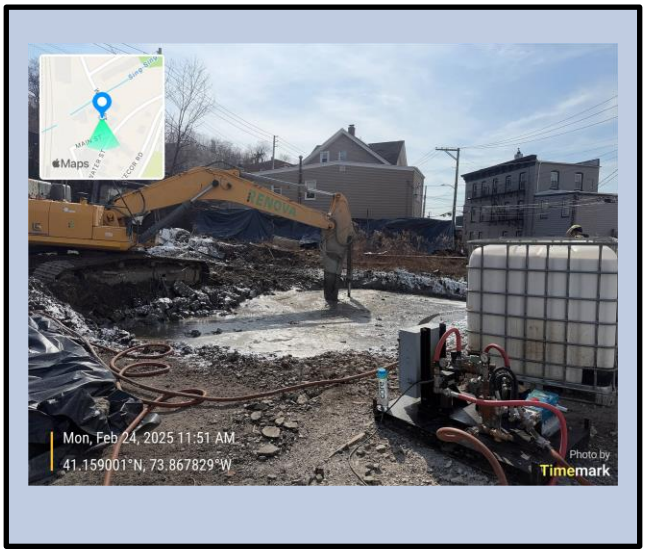


Photo #2

Sample view southwest portion of the site, ISS observation, facing south

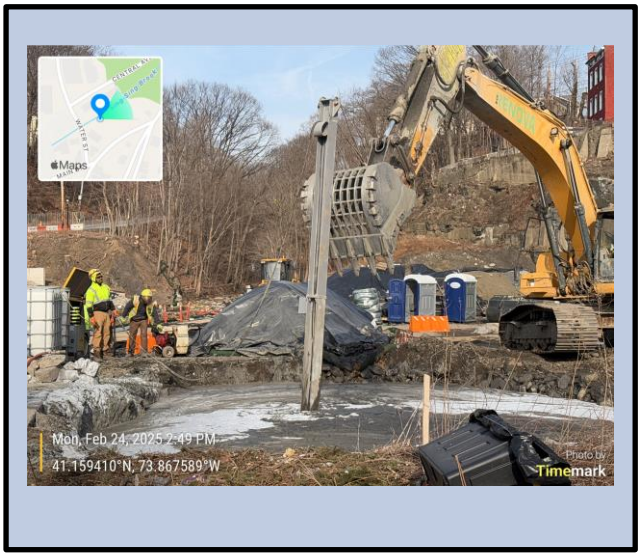


Photo #3

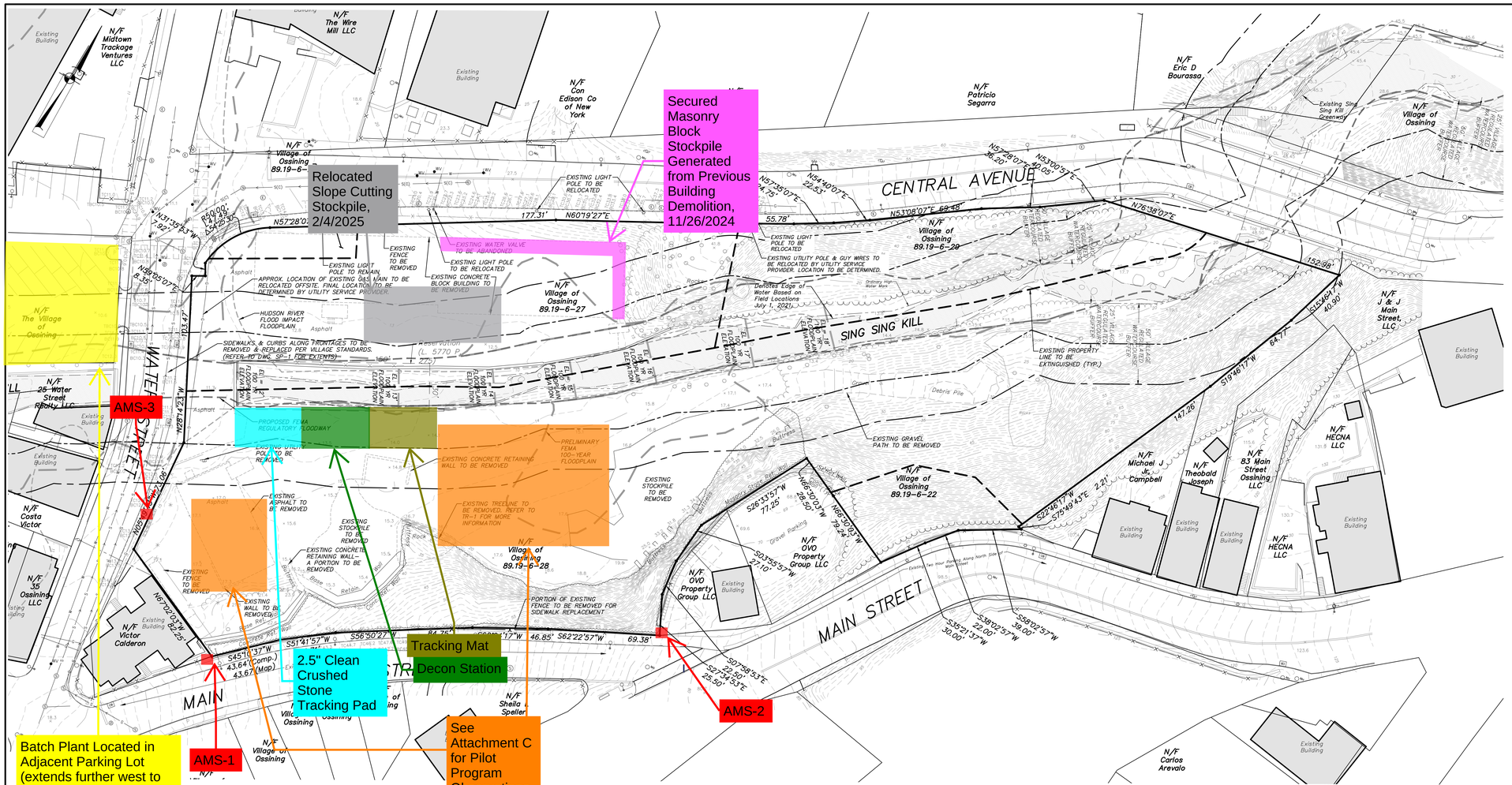
Sample view southwest portion of the site, sampling observation, facing northeast

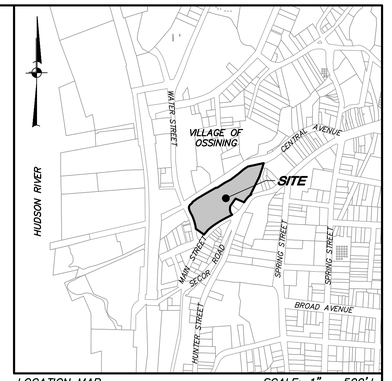


Photo #4

Sample view of southwest portion of site, AMS-3, facing north

Attachment B – General Site Plan





LOCATION MAP SCALE: 1" = 500'±

OWNER:

VILLAGE OF OSSINING
16 CROTON AVENUE
OSSINING, NY 10562

APPLICANT:

WBP DEVELOPMENT, LLC
480 BEDFORD ROAD
CHAPPAQUA, NY 10514-1715

SITE DATA:

Zone:	PW-b (Central Waterfront-Transit)
Total Acreage	3.2 AC ±
Tax Map No.:	89.19-6-22
	89.19-6-26
	89.19-6-27
	89.19-6-28
	89.19-6-29

ZONE PW-b BULK ZONING REQUIREMENTS (See notes below for Variances Granted)

	REQUIRED/ PERMITTED	EXISTING	PROPOSED LOT 1	PROPOSED LOT 2 (PROPOSED OPEN SPACE LOT)
Setbacks:				
Minimum Lot Area (s.f.):	40,000 s.f.	3.2 AC ± (139,395 s.f. ±)	2.1 AC ± (89,551 s.f. ±)	1.1 AC ± (49,844 s.f. ±)
Building Width and Open Area (ft.); Section 270-23(F)(2)	Shall not exceed 50% of the width of the parcel (Lot Width x 50% = Building Width)	Permitted: 250'x50%=125' / Existing: 47'	Permitted: 252'x50%=126' / Provided: 125.33'	N/A
	No structure or building shall exceed 75'	47'	71.5'	N/A
	One uninterrupted space shall be at least 30% of parcel width (250'x30%=75')	194'±	69.8' (Variance granted)	N/A
No Building or part thereof shall be situated within: Section 270-23(D)	20 ft. of any street or 15 ft. of any lot line	10' (Street) 2' (Lot Line)	7.5' (Parking Structure to Street-Variance granted) 0' (Parking Structure to Lot Line-Variance granted) 18.4' (Residential Building to Lot Line) (2 Variances granted)	N/A
Minimum Setback for Parking or Loading Areas from Street or Lot Line (ft.); Section 270-23(D)	10 ft.	0' (Lot Line)	0' (For Parking Structure to Lot Line) (Variance granted)	N/A
Minimum distance between any two Buildings (except Attached Dwellings sharing a Party Wall)(ft.):	50 ft.	N/A	62.5'	N/A
Maximum spacing between Pedestrian Building Entrances on Main, Secor, Central and Water Street Frontages (ft.):	70 ft.; entrances must be useable for ingress and egress by building users	Water Street N/A / Central Avenue N/A / Main Street N/A	N/A / N/A (Parking garage) / N/A (Parking garage)	N/A / N/A / N/A
Maximum Parking along Street Frontage:	30% of total street frontage for any given lot along Water Street, Central Ave and Secor Road (whichever is greater) Water Street = 198' x 0.3 = 59' / Central Avenue = 346.6' x 0.3 = 104.6 (Lot 1)' Main Street = 370' x 0.3 = 111'	Water Street N/A / Central Avenue 348.6' Lot 1 / Main Street 356'	32% (Variance granted) / 73% (Variance granted) / N/A	N/A / N/A / N/A
Residential Requirements:				
Density (3):	15 units per acre pursuant to §270-23	N/A	N/A	N/A
Density (Special Permit Application) (3):	**Baseline density: 22 units per acre up to 32 dwelling units per acre pursuant to §270-23. 125 units (see calculation below)	N/A	109 (2)	
Bedroom Mix:	One-bedroom units or studios: 10% of total units, two-bedroom units: 20% of total units	N/A	40-One Bedroom (37%) 60-Two Bedroom (55%) 9-Three Bedroom (8%)	
Heights:				
Maximum Building Height:	No building shall extend more than 4.0 stories or 48 ft. from either the average elevation of the proposed finished grade of the site or the curbline on Water Street, Central Avenue, State Street, Main Street or Secor Road, whichever is greater, no building shall extend more than 1.0 story or 16 ft. above Market or Hunter Streets	Less than 48'	Less than 48' - Refer to Mixed Use Building Elevation prepared by Beyer Blinder Belle Architects & Planners LLP dated 4-7-22	N/A
Coverage:				
Maximum Impervious Coverage:	60%	19.2%	65.9% (Variance granted)	5.9%
Maximum Building Coverage:	40%	7.5%	38.3%	N/A
Open Space:				
Minimum Open Space:	15% of Lot Area	50%	49%	100%
VARIANCES NEEDED FOR LOT 1:	REQUIRED:		PROVIDED:	
Section 270-23(F)(3)a. Habitable floor area for the proposed residential apartments.	1-bedroom: 600 S.F. / 2-bedroom: 750 S.F. / 3-bedroom: 1,000 S.F.		490 S.F.(Variance granted) / 655 S.F. (Variance granted) / 823 S.F.(Variance granted)	N/A / N/A / N/A
Section 270-28(C)b. Where feasible access to lots having frontage on more than one street shall be from a non-residential street.	See column to left		Access provided from Water St. and Central Ave.	Variance to allow access from Water St. and Central Ave.
Section 270-28(F)a. Not providing 25-foot buffer on each side of watercourse.	25'		0'	25'
Section 270-30(A)(5)a. Having Parking in front yard.	Assumed 15'		0'	15'
Section 270-30(A)(6)a. Proposing to install a driveway entrance within 50 feet of an intersection.	50'		39.5'	10.5'
Section 270-30(9)(B)a. Proposing parking on the first floor extending a minimum of 40 feet back from the building line.	40' from building		0'	40'

(1) Uninterrupted space requirement can be excluded if the planning board determines the structure to be irrelevant to preserving view corridors either to or from the Hudson River.

(2) Pursuant to section 270-23 ! (4), the following has been incorporated into the site plan in pursuit of a density bonus:
- 270-23 ! (4)(b) – Provision of Public Park or Public Open Space.
- 270-23 ! (4)(c) – Use of Green Building Techniques.
- 270-23 ! (4)(e) – Brownfields Remediation.
- 270-23 ! (4)(f) – Contribution to non-site related infrastructure improvements.
- 270-23 ! (4)(h) – Stream bank restoration or stabilization.
- An additional 15% increase in density is permitted based on the provision of affordable housing.
- Pursuant to section 270-23 ! (8), the total property area or 3.2 acres was used to establish the permitted density.
- Special permit density= 32x3.2=102 units.
- Additional 15% density permitted by providing affordable housing= 102x15%=15 units.
- Total permitted density= 102+15=117 units.

(3) The density calculations have been based on the full 3.2 acre area.

(4) Noted variances were granted by the Village of Ossining Zoning Board of Appeals on November 29, 2022.

(5) A parking variance was granted by the Zoning Board of Appeals on December 12, 2023 for the size of the proposed spaces.

(6) A variance was granted by the Zoning Board of Appeals on December 12, 2023 for exceeding the maximum 6% grade permitted within 25 feet of the street line.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING PROPERTY LINE TO BE EXTINGUISHED
- EXISTING BUILDING
- EXISTING BUILDING TO BE REMOVED
- EXISTING STONE & MASONRY RETAINING WALL
- EXISTING CONCRETE CURB
- EXISTING RETAINING WALL
- PRELIMINARY FEMA 100-YEAR FLOODPLAIN
- EXISTING HUDSON RIVER FLOOD IMPACT FLOODPLAIN
- EXISTING 50' VILLAGE REGULATED WATERCOURSE BUFFER
- EXISTING 25' VILLAGE REGULATED WATERCOURSE BUFFER PER §270-28F
- EXISTING WATERCOURSE
- EXISTING TREELINE
- EXISTING CROSSWALK
- EXISTING FENCE TO BE REMOVED
- EXISTING PARKING STRIPING
- EXISTING UTILITY POLE
- EXISTING UTILITY POLE TO BE REMOVED
- EXISTING POST MOUNTED LIGHT
- EXISTING OVERHEAD WIRE
- EXISTING VILLAGE OF OSSINING SEWER MAIN
- EXISTING COUNTY SEWER MAIN
- EXISTING UNDERGROUND WATER MAIN
- EXISTING SEWER MANHOLE
- EXISTING HYDRANT
- EXISTING WATER VALVE
- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- EXISTING TREE

GENERAL NOTES:

1. Property line shown hereon is based upon a survey performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed on July 29, 2021.
2. Topography shown hereon is based upon field work conducted by Insite Engineering, Surveying & Landscape Architecture, P.C., completed October 2023 and aerial photography dated December 7, 2017 which is photogrammetrically compiled. Elevations shown hereon conform to the North American Vertical Datum of 1988 (NAVD 88). The contour interval is 1'.
3. Planimetric details shown hereon were derived from Aerial Photography dated December 7, 2017 by GEO Maps International and field work performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed July 2021, February & March 2022, and October 2023.
4. Offsite property lines based on Westchester County GIS, aerial pictometry, and municipal tax mapping.
5. Floodplain elevations and Hudson River Flood Impact lines shown hereon taken from Scenic Hudson, NYS Flood Impact Decision Support System (FIDSS), and the Flood Emergency Management Agency (FEMA).
6. 11 parking spaces are proposed to be eliminated along Central Avenue.
7. All retaining walls are to be designed by a NYS Licensed Professional Engineer prior to issuance of a building permit and the construction of the retaining walls are to be certified by the Design Professional prior to issuance of the certificate of occupancy.

REMOVAL NOTES

1. Prior to submitting the bid, the contractor shall visit the site and familiarize themselves with the site conditions and existing improvements to be removed.
2. The contractor shall provide all removals incidental and necessary to execute the work prescribed in the contract documents. All items specified to be removed shall be removed in their entirety unless otherwise authorized in writing by the owner or the project engineer.
3. These drawings are intended to show an overall Limit of Disturbance and general features to be removed. Not all features incidental to the general scope of the site work have been shown to be removed. The contractor shall be responsible for all removals within the limits of both above and below grade features, necessary for the construction of the site improvements shown hereon.
4. Refer to construction sequence prepared by owner for sequence of utility removal and replacement.
5. All underground utility piping (water, sewer, drainage conduits) shall be capped and abandoned in place. All abandoned pipes left in place shall be filled with controlled low strength material (CLSM) sealing both ends. Any exposed utility piping shall be cut and removed such that a minimum of 1' of soil cover is maintained on all pipes that are to be capped and abandoned in place.
6. All building materials shall be demolished and removed from the site.
7. Burying of any demolished building materials on site is prohibited. Building foundations may be crushed and abandoned, filled in and restored in accordance with the project specifications.
8. For any below grade slab or bottom of tank that is to be demolished and abandoned in place, the concrete shall be pulverized so that there are no pieces of concrete remaining that are larger than 3 ft ft.
9. Remove existing electrical wiring and conduit back to the source panel.
10. Refer to the Project Specifications for hazardous material disposal.

EXCAVATION NOTES:

1. All pavement to be saw cut to its full depth by the contractor prior to excavation.
2. The Contractor shall provide sheeting, shoring, a benched excavation, or a sloped excavation for all excavation 5.0 feet or greater in depth.
3. All sheeting and shoring protective systems used for excavation shall be designed and stamped by a NYS licensed Professional Engineer.
4. Where construction crosses or is adjacent to existing utility lines (fuel, water, gas, telephone, electric or communication), the contractor shall carefully hand excavate so as to locate, mark and protect the utility lines against disturbance or damage by providing adequate support and protection as approved by the Engineer. The Contractor shall repair any power or communication interruption immediately, at no additional cost to the owner.
5. Trench excavation outside of temporary construction fence is to be backfilled on the same day as excavation. Temporary orange construction fence is required around these work areas for on going work.
6. All utility trenching in and adjacent to roadways shall be backfilled prior to the end of the work day, unless otherwise authorized by the Engineer. Item 4 shall be temporarily brought to the surface of the utility trench flush with the adjacent pavement and maintained until the final pavement is installed. Road plates, if used, shall be designed to meet H25 loading requirements.
7. Excavations needing to be open greater than a single day on the property shall have 6' temporary chain link fence installed overnight or when no work is being performed at the location. Temporary orange construction fence shall be in place when work is being performed.

WINTER SITE STABILIZATION NOTES:

1. All bare / exposed soils must be stabilized by an established vegetation, straw or mulch, matting, or other approved product such as rolled erosion control product.
2. Sediment barriers must be properly installed at all necessary perimeter and sensitive locations.
3. All slopes and grades must be properly stabilized with approved methods. Rolled erosion control products must be used on all slopes greater than 3:1, or where conditions for erosion dictate such measures.
4. Stockpiled soils must be protected by the use of established vegetation, an anchored-down straw or mulch, rolled erosion control product or other durable covering. A barrier must be installed around the pile to prevent erosion away from that location.
5. All entrance / exit locations to the site must be properly stabilized and must be maintained to accommodate snow management as set forth in the NYS Standard and Specifications for Erosion and Sediment Control.
6. Snow management must not destroy or degrade erosion and sediment control devices.

UTILITY NOTES:

1. The locations of existing utilities, water, sewers, and drainage structures have been indicated based on the best available information. It is possible that the actual subsurface utilities and piping may vary from that indicated. Therefore, prior to starting work in any area, the contractor shall take the necessary steps to determine the locations of all existing underground piping, conduit and structures. The contractor shall carry out their operations in such a manner as to prevent interference with lines which are to remain. Any pipe or conduit disturbed in the course of contract shall be repaired by the contractor at no extra cost to the owner.
2. Existing utility locations, sizes and elevations to be verified by contractor prior to the start of construction and any discrepancies reported to the project engineer immediately.
3. Whenever a connection to an existing pipe or structure is shown, the contractor shall confirm existing pipe materials of construction, dimensions, and connection requirement prior to submitting materials for approval.
4. When structures are to be placed on existing utility lines or where the proposed utility lines are assume to cross existing utilities, the contractor shall locate the existing utility and shall verify its existing invert elevation. The contractor shall notify the engineer if different utility invert elevations or locations are revealed by field exploration.
5. Where interference with other utilities or construction are encountered during construction of new utility lines, the contractor may adjust the alignment or invert elevations of that system only at the direction of the project engineer.
6. All existing utilities shall be removed to the main unless otherwise permitted by the utility service provider.
7. It shall be the contractor's responsibility to locate all overhead wires and utility poles, if any, in the vicinity of the proposed work. Furthermore, it is the contractor's responsibility to make the necessary arrangements to perform the work in the vicinity of these overhead wires.
8. The contractor shall exercise extreme caution when working adjacent to active power and communication lines to prevent damage to these lines. The contractor shall hand excavate test pits to expose those lines prior to performing any other excavation work in the area. The contractor shall repair at their expense, any power or communication interruption immediately.
9. Should any utility poles require bracing or relocating to accomplish the proposed work, it shall be the contractor's responsibility to make the appropriate arrangements to properly secure or relocate such utility poles. The contractor will not receive any additional payment for utility pole bracing or relocating. The contractor must include any costs for such work within their bid submittal.
10. The location of the proposed electric and gas service lines for the property are approximate and subject to the utility company design. The contractor shall coordinate with the owner and utility service provider(s) to determine the location of the site's electric and gas service connections. The contractor shall be responsible for obtaining all required permits necessary for the installation of utility connections, and shall provide electric service lines to each light in accordance with the owner's direction, manufacturer's specifications, and applicable electric code.
11. The gas, electric and communication utilities shall be installed in accordance with the utility provider specifications including but not limited to providing the proper bedding, cover, and detectable warning tape / tracer wire.
12. All sewer manhole pipe penetrations shall be provided with a waterproof rubber boot and gasket.
13. For cuts and fills are proposed over existing utilities. Site contractor shall protect all utilities whether shown or not shown during earthwork operations. Site contractor shall lower existing utilities as required to maintain adequate cover and adjust access and covers for existing structures to proposed grade.
14. Site contractor shall be responsible for trenching and backfill of electrical (including lighting) and communication conduits, including bedding materials. See electrical drawings for trench details. Electrical contractor shall be responsible for installation of conduit and wiring. Site contractor shall be responsible for setting light pole bases. Electrical contractor shall be responsible for setting light poles, conduit and wiring. Site contractor shall be responsible for installation of transformer pads. Electrical contractor shall be responsible for installation of conduits, transformers and wiring.
15. The location of the existing gas main internal to the site, running parallel with Water Street shown on this drawing is shown as approximate based on utility markout by others. Said gas main is proposed to be removed and relocated off site by the utility service provider. The new location of the gas main is unknown and currently not shown on any site plans prepared by Insite Engineering, Surveying, and Landscape Architecture, P.C.

CONSTRUCTION NOTES:

1. The contractor is advised that additional notes will be found on subsequent drawings and such notes, while pertaining to the specific drawings they are placed in, also supplement the construction notes listed hereon.
2. All work and materials shall be in accordance with these plans and project specifications.
3. The contractor shall notify the Engineer 72 hours prior to start of work.
4. The subject project has coverage under the New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity, permit No. GP-0-20-001. As required by the permit all contractors and subcontractors will be required to sign a certification statement that they understand and agree to comply with the requirements of GP-0-20-001.
5. The contractor shall have a representative onsite that is a NYSDEC Trained Contractor at all times site work is being performed under this contract. The contractor shall provide a contractor's certification as contained in the NYSDEC Construction Site Logbook to the project engineer upon start of construction.
6. The contractor shall coordinate the layout of the work with the owner, and the project engineer, and eliminate all conflicts including but not limited to utility location conflicts, prior to commencement of any proposed work.
7. The contractor shall coordinate their construction operations with the project engineer and any other contractors/subcontractors and construction activities occurring simultaneously on the property.
8. It shall be the contractor's/subcontractor's responsibility to provide sanitary facilities (i.e. porta-john (and other necessary temporary facilities) throughout the duration of construction.
9. The contractor shall be responsible for providing all power, water, and other resources necessary to complete the project work.
10. Minimum OSHA site standards must be maintained including personal protective equipment and vests. The contractor shall be responsible for signaling and protecting all open excavations in accordance with the latest edition and current OSHA requirements.
11. The contractor shall field verify all dimensions relative to the scope of work.
12. The contractor shall stake out the limits of clearing and it shall be reviewed with the project engineer prior to start of clearing operations. Existing trees to remain outside the limits of clearing shall be protected per the detail.
13. It shall be the contractor's responsibility to identify and protect all underground utilities. The contractor shall contact Dig Safely New York at 811 or 1-800-962-7962 and any other required utility locators prior to the start of construction.
14. The exact location, size, and type of the existing utilities may differ from what is shown hereon. The contractor shall field verify the location, size and type of the existing utilities by performing a test pit ahead of construction as necessary to permit revisions to meet existing utilities or relocate proposed utilities as required. Horizontal location and elevation of the existing utility as determined by test pit shall be provided to the project engineer.
15. The contractor shall field verify the existing grades / utility locations prior to commencement of any work. Any discrepancy shall be reported to the project engineer when identified.
16. The contractor shall perform all work with care so that any materials which are to remain in place, or which are to remain on the property, shall not be damaged. The contractor will be held responsible for all damage caused to existing utilities / features / facilities / vegetation during execution of the work not proposed to be modified or removed by these plans. All damage to any existing utilities / features / facilities / vegetation not proposed to be modified by the contract shall be repaired or replaced by the contractor to the satisfaction of the owner at no additional cost.
17. Original condition shall mean the condition in which the feature was found (or better) at the start of construction.
18. The contractor shall be responsible for the implementation and maintenance of erosion and sediment controls (shown or not) as necessary to prevent erosion and migration of sediment outside of the contract limit and/or into the stormwater collection system. Erosion and sediment controls may include but are not limited to silt fence, stabilized construction entrance, berms and inlet protection. All erosion and sediment controls shall be installed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. Additional erosion and sediment controls may be required during construction by the project engineer. All disturbed areas shall be stabilized in accordance with the Erosion & Sediment Control Notes and details.
19. Silt fence shall be installed parallel to the contours.
20. Contractor is responsible for protecting soil stockpiles, trenches, and building excavations against weather. No additional fee will be paid to the contractor for removal and replacement of suitable soils due to degradation from weather related events.
21. During execution of the work, the contractor shall be responsible for dewatering and control of surface water in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. The New York State Standards and Specifications for Erosion and Sediment Control can be found at http://www.dec.ny.gov/chemical/29066.html.
22. All existing pavement shall be cleaned and swept prior to the completion of construction.
23. The contractor shall provide temporary construction fence for all work areas including the material storage/staging areas.
24. All personal vehicles, materials, and construction equipment must be kept within the construction staging area. Use of additional onsite storage areas must be pre-authorized by the owner of the property.
25. Trees shown on the plans for reference only. All trees and vegetation within the contract limit line shall be removed unless otherwise labeled to be protected and saved. Not all trees to be removed may be shown.
26. Topsoil and subsoil shall be stripped, screened, and stockpiled in locations shown for future use. The contractor must keep enough topsoil onsite for final restoration. Four inches of screened topsoil shall be placed and raked to finish grade over all disturbed areas not covered by pavement, concrete and/or gravel surfaces, unless otherwise noted.
27. The contractor shall maintain existing grades unless otherwise noted.
28. Contractor shall be responsible for removal of all excess rock, topsoil, subsoil, and construction debris from the site.
29. There shall be no burying of construction and demolition (C&D) debris or stumps on site. All C&D debris and stumps must be removed by the contractor, and disposed of in accordance with all pertinent regulations.
30. All proposed concrete drainage structures shall be precast concrete and all structures, frames, and grates are to meet H-20 loading requirements.
31. Design Engineer to approve locations and elevations of all structures prior to placement.
32. Where side drain inlets are proposed the Contractor shall extend the upstream swale to the side inlet of the drainage structure.
33. Unless otherwise shown on the drawings the contractor shall match the material, thickness and quality of all existing pavements that are to be replaced.
34. Temporary asphalt wedges shall be placed in all areas open to vehicular access. The wedges shall be installed between any sudden abrupt grade changes in excess of 1" as a result of construction. All temporary wedges shall be removed prior to placement of asphalt course.
35. The contractor will be responsible for the implementation of all maintenance and protection of traffic (MPT) measures if necessary. MP&T shall include but not be limited to placement of traffic cones and warning signs around work zone. Safe and adequate pedestrian vehicular traffic flow shall be maintained at all times to the existing buildings, while the work is in progress. The contractor shall submit for approval of the architect, a construction sequence schedule and plan for pedestrian and vehicular traffic flow.
36. A retaining wall design signed and sealed by a NYS licensed Engineer shall be submitted to the Consulting Town Engineer prior to the construction of any wall greater than 4 feet in height.
37. For work/improvements within Village of Ossining right-of-way, should a discrepancy come up between what is specified hereon and the Village of Ossining standards, the Village standard/standard details will control.

PARKING REQUIREMENTS:

Required – Residential		
1 parking space per 1 bedroom unit	40 units x 1.0 =	40 spaces
1.5 parking spaces per 2 bedroom unit	60 units x 1.5 =	90 spaces
1.5 parking spaces per 3 bedroom unit	9 units x 1.5 =	13.5 spaces
		144 spaces
Required – Retail		
1 parking space per 350 s.f.	3,170 s.f. / 350 =	10 spaces
Total Parking Spaces Required:		154 spaces
Total Parking Spaces Provided:		154 spaces

1. A parking allocation for the community space is not provided as it is accommodated in the 1st level of the parking structure.
2. The total parking provided above (154 spaces) does not include level four of the parking structure or on street parking spaces.

GRAPHIC SCALE

0 15 30 60

(IN FEET)
1 inch = 30 ft.

NO.	DATE	REVISION	BY
7	8-5-24	REVISED FOR ACOE SUBMISSION	TSM
6	7-31-24	REVISED FOR VILLAGE PLANNING / BAR SUBMISSION	MEU
5	7-25-24	BULLETIN 01	MEU
4	5-22-24	REVISED FOR WCDOH SUBMISSION	TSM
3	4-5-24	100% CONSTRUCTION DOCUMENTS	TSM
2	4-5-24	ISSUED FOR PERMIT REVISION	TSM
1	3-5-24	ISSUED FOR 70% CDs	TSM

INSITE
ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.
3 Garrett Place
Carmel, NY 10512
(845) 225-9690
(845) 225-9717 fax
www.insite-eng.com

PROJECT:
WBP/OSSINING DPW
STATION PLAZA
30 WATER STREET, VILLAGE OF OSSINING, WESTCHESTER COUNTY, N.Y.

DRAWING:
EXISTING CONDITIONS

STATE OF NEW YORK — RICHARD D. WILLIAMS — 095806 — LICENSED PROFESSIONAL ENGINEER

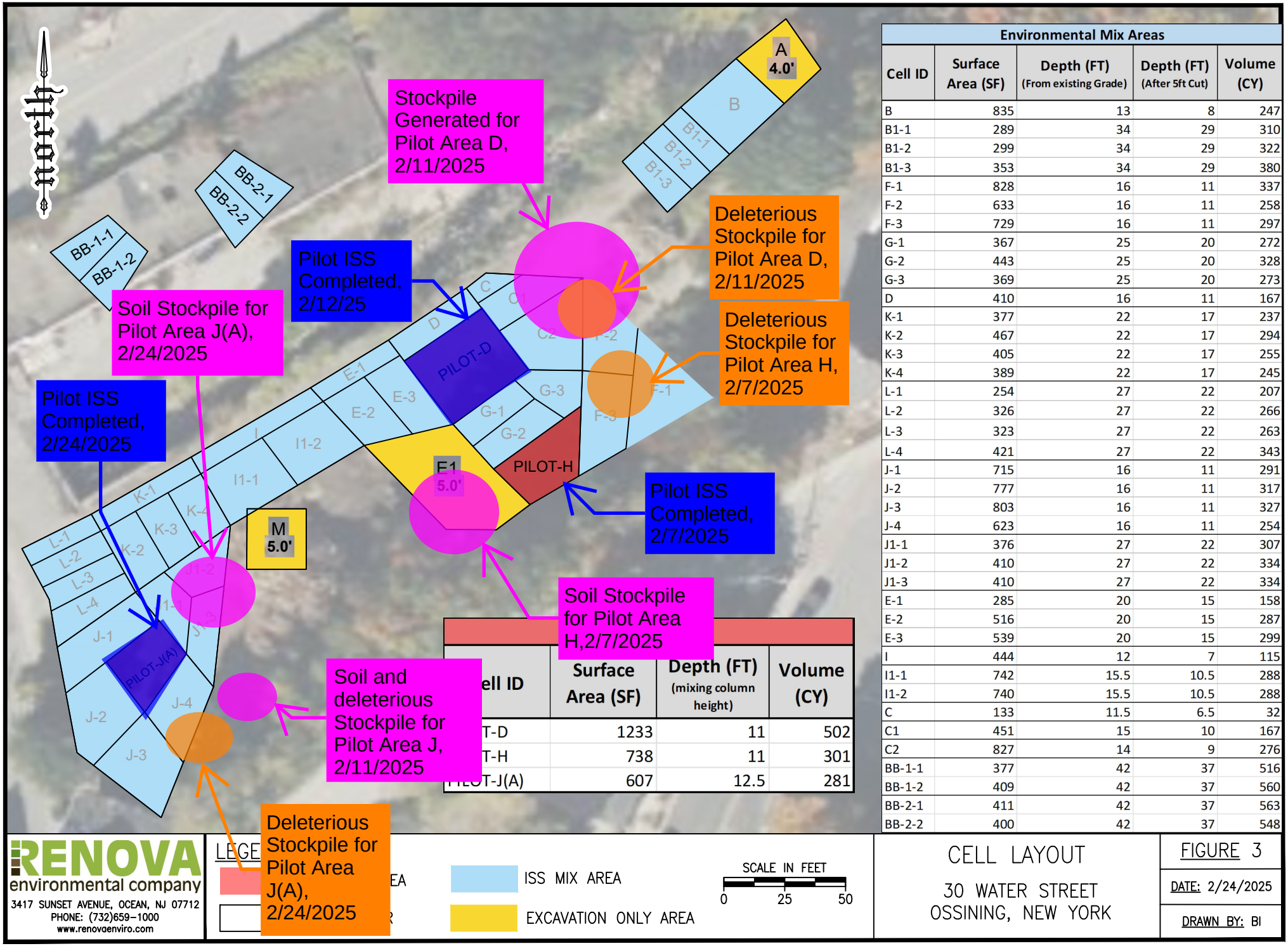
PROJECT NUMBER	20190.100	PROJECT MANAGER	R.D.W.
DATE	3-5-24	DRAWN BY	E.R.A.
SCALE	1" = 30'	CHECKED BY	D.L.M.

DRAWING NO. EX-1 SHEET 1 / 13

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

Z:\E\20190\000 - WB Planning\DPW\CD Etc\dwg, 8/7/2024 11:45:24 AM, Insite, 1:1

Attachment C – Cell Layout



ell ID	Surface Area (SF)	Depth (FT) (mixing column height)	Volume (CY)
T-D	1233	11	502
T-H	738	11	301
LOT-J(A)	607	12.5	281

Environmental Mix Areas

Cell ID	Surface Area (SF)	Depth (FT) (From existing Grade)	Depth (FT) (After 5ft Cut)	Volume (CY)
B	835	13	8	247
B1-1	289	34	29	310
B1-2	299	34	29	322
B1-3	353	34	29	380
F-1	828	16	11	337
F-2	633	16	11	258
F-3	729	16	11	297
G-1	367	25	20	272
G-2	443	25	20	328
G-3	369	25	20	273
D	410	16	11	167
K-1	377	22	17	237
K-2	467	22	17	294
K-3	405	22	17	255
K-4	389	22	17	245
L-1	254	27	22	207
L-2	326	27	22	266
L-3	323	27	22	263
L-4	421	27	22	343
J-1	715	16	11	291
J-2	777	16	11	317
J-3	803	16	11	327
J-4	623	16	11	254
J1-1	376	27	22	307
J1-2	410	27	22	334
J1-3	410	27	22	334
E-1	285	20	15	158
E-2	516	20	15	287
E-3	539	20	15	299
I	444	12	7	115
I1-1	742	15.5	10.5	288
I1-2	740	15.5	10.5	288
C	133	11.5	6.5	32
C1	451	15	10	167
C2	827	14	9	276
BB-1-1	377	42	37	516
BB-1-2	409	42	37	560
BB-2-1	411	42	37	563
BB-2-2	400	42	37	548

RENOVA environmental company
3417 SUNSET AVENUE, OCEAN, NJ 07712
PHONE: (732)659-1000
www.renovaenviro.com

LEGE
EA
R

ISS MIX AREA

EXCAVATION ONLY AREA

SCALE IN FEET
0 25 50

CELL LAYOUT

30 WATER STREET
OSSINING, NEW YORK

FIGURE 3

DATE: 2/24/2025

DRAWN BY: BI

Attachment D – CAMP Data

SESI CONSULTING ENGINEERS

959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

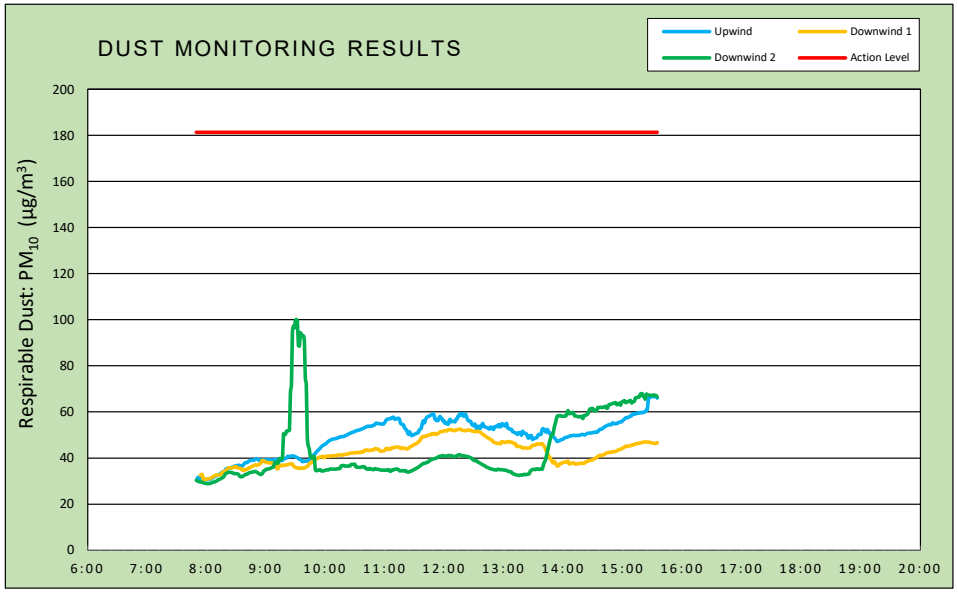
DAILY AIR MONITORING REPORT
30 Water Street
Ossining, New York

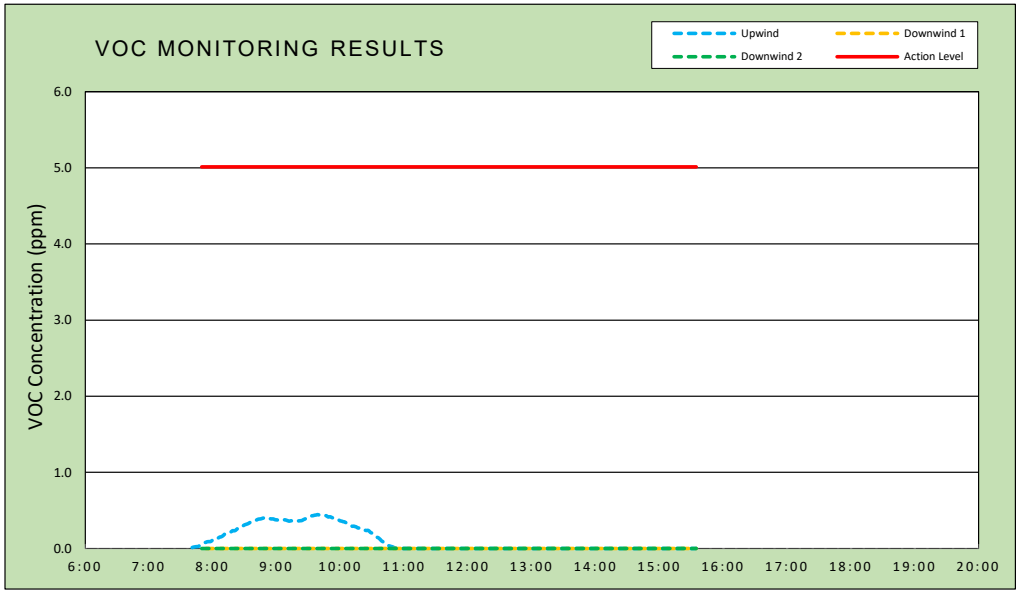
02/24/2025

Rev. No. 0	Page 1 of 2
Project Number: 11498 Phase 32	
Dust Action Level	181.3 µg/m^3
VOC Action Level	5.0 ppm

Weather Data Range for Work Day		Wind Direction	SSE	Relative Humidity (%)	46.0 - 84.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	30.0 - 50.0	Wind Speed (MPH)	0.6 - 5.7	Barometer (inHg)	30.00 - 30.10	Avg. Dew Point Temp (°F)	29.0	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	48.7	66.8	15:30	0.1	0.4	9:39
Downwind 1	42.3	52.5	12:16	0.0	0.0	7:54
Downwind 2	44.1	100.1	9:31	0.0	0.0	7:50



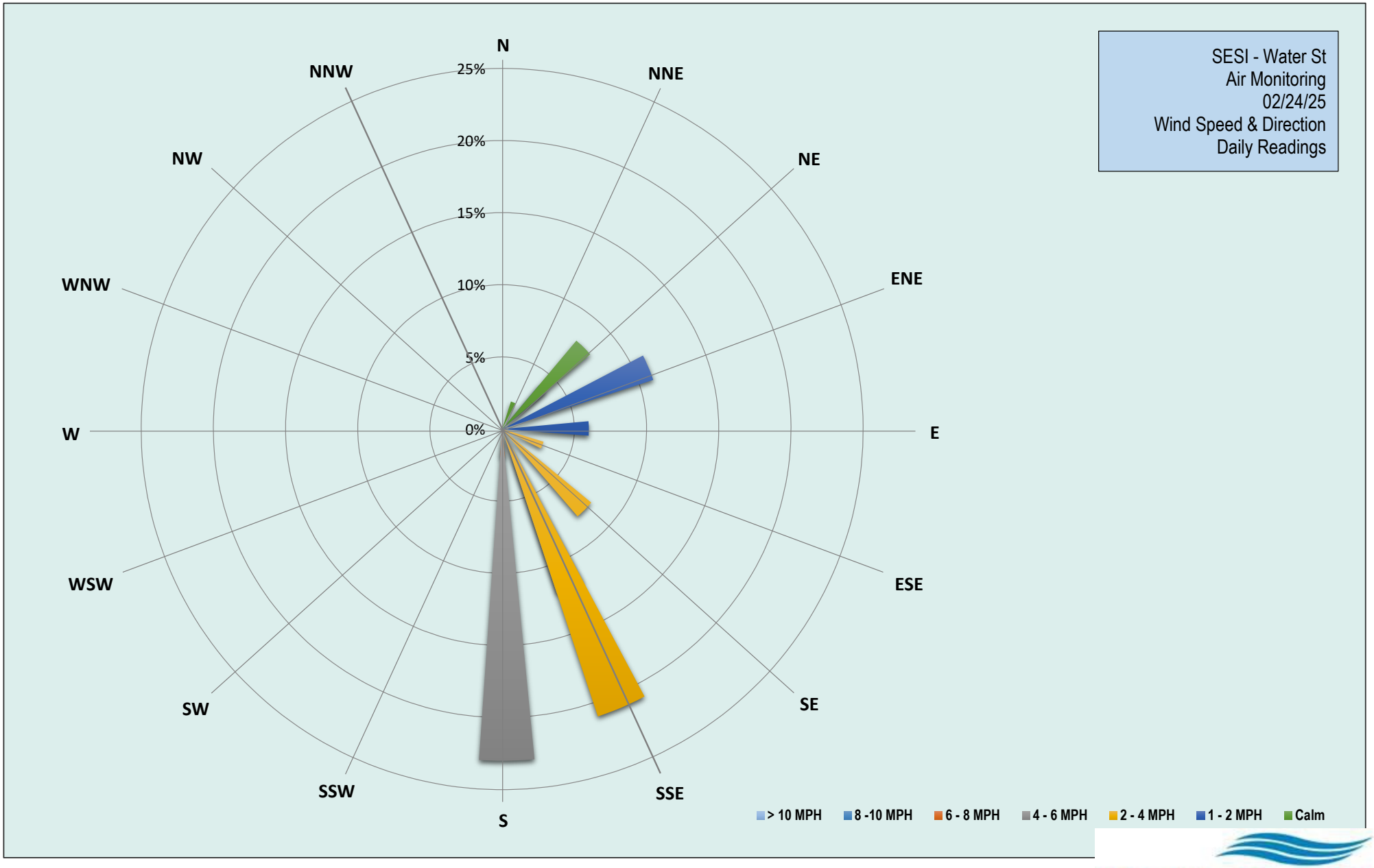


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

Monday, February 24, 2025

Number of Instances Where Downwind Particulates Exceeds 181.3 =	**0**
Number of Comparable Data Points =	**465**
Start Time:	**7:26**
End Time:	**15:35**

PARTICULATE DATA

Upwind			Downwind			Downwind			
Time	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Time**	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Time**	**Concentration (ug/m^3)**	**15-Min Avg Concentration (ug/m^3)**	**Exceeds Particulate Alarm Limit**
7:26	15.0	-	7:26	-	-	7:26	-	-	-
7:27	30.8	-	7:27	-	-	7:27	-	-	-
7:28	30.5	-	7:28	-	-	7:28	-	-	-
7:29	31.8	-	7:29	-	-	7:29	-	-	-
7:30	29.8	-	7:30	-	-	7:30	-	-	-
7:31	30.8	-	7:31	-	-	7:31	-	-	-
7:32	30.5	-	7:32	-	-	7:32	-	-	-
7:33	31.0	-	7:33	-	-	7:33	-	-	-
7:34	30.5	-	7:34	-	-	7:34	-	-	-
7:35	-	-	7:35	-	-	7:35	29.8	-	-
7:36	0.0	-	7:36	-	-	7:36	30.8	-	-
7:37	25.3	-	7:37	-	-	7:37	32.3	-	-
7:38	35.3	-	7:38	-	-	7:38	31.5	-	-
7:39	32.5	-	7:39	22.5	-	7:39	29.8	-	-
7:40	31.4	-	7:40	30.5	-	7:40	30.0	-	-
7:41	33.9	-	7:41	31.3	-	7:41	31.3	-	-
7:42	33.3	-	7:42	64.0	-	7:42	30.3	-	-
7:43	30.5	-	7:43	31.0	-	7:43	32.8	-	-
7:44	30.5	-	7:44	31.0	-	7:44	30.0	-	-
7:45	30.3	-	7:45	30.3	-	7:45	29.8	-	-
7:46	32.3	-	7:46	30.8	-	7:46	30.5	-	-
7:47	30.8	-	7:47	29.5	-	7:47	29.5	-	-
7:48	31.5	-	7:48	29.8	-	7:48	29.3	-	-
7:49	31.3	-	7:49	30.8	-	7:49	28.5	-	-
7:50	30.8	-	7:50	30.3	-	7:50	28.3	30.3	-
7:51	30.3	31.3	7:51	29.8	-	7:51	28.3	30.1	-
7:52	30.0	31.6	7:52	30.0	-	7:52	28.5	29.9	-
7:53	29.8	31.3	7:53	30.0	-	7:53	28.8	29.7	-
7:54	31.3	31.2	7:54	30.0	32.6	7:54	29.0	29.6	-
7:55	29.8	31.1	7:55	30.8	32.6	7:55	28.8	29.6	-
7:56	30.0	30.8	7:56	35.3	32.9	7:56	29.5	29.4	-
7:57	30.5	30.6	7:57	32.0	30.7	7:57	28.8	29.3	-
7:58	31.3	30.7	7:58	32.0	30.8	7:58	29.0	29.1	-
7:59	30.5	30.7	7:59	31.3	30.8	7:59	29.3	29.0	-
8:00	30.8	30.7	8:00	30.5	30.8	8:00	29.0	29.0	-
8:01	30.8	30.6	8:01	31.3	30.9	8:01	28.8	28.9	-
8:02	32.3	30.7	8:02	31.5	31.0	8:02	29.8	28.9	-
8:03	32.5	30.8	8:03	30.5	31.1	8:03	29.5	28.9	-
8:04	33.8	30.9	8:04	32.5	31.2	8:04	29.5	29.0	-
8:05	32.3	31.0	8:05	33.3	31.4	8:05	31.3	29.2	-
8:06	33.5	31.3	8:06	33.8	31.6	8:06	31.3	29.4	-
8:07	34.5	31.6	8:07	34.3	31.9	8:07	30.8	29.5	-
8:08	34.0	31.8	8:08	34.3	32.2	8:08	30.3	29.6	-
8:09	34.3	32.0	8:09	32.8	32.4	8:09	30.8	29.7	-
8:10	33.0	32.3	8:10	34.8	32.7	8:10	31.8	29.9	-
8:11	33.3	32.5	8:11	34.0	32.6	8:11	33.5	30.2	-
8:12	33.7	32.7	8:12	32.3	32.6	8:12	33.3	30.5	-
8:13	33.8	32.8	8:13	33.0	32.7	8:13	31.5	30.7	-
8:14	34.5	33.1	8:14	33.8	32.8	8:14	32.5	30.9	-
8:15	34.8	33.4	8:15	34.0	33.1	8:15	32.0	31.1	-
8:16	37.0	33.8	8:16	38.5	33.5	8:16	33.3	31.4	-
8:17	35.8	34.0	8:17	36.3	33.9	8:17	33.0	31.6	-
8:18	35.8	34.2	8:18	35.5	34.2	8:18	37.5	32.1	-
8:19	36.5	34.4	8:19	34.3	34.3	8:19	41.3	32.9	-
8:20	44.5	35.2	8:20	35.0	34.4	8:20	36.5	33.3	-
8:21	37.3	35.5	8:21	44.3	35.1	8:21	35.0	33.5	-
8:22	35.3	35.5	8:22	41.5	35.6	8:22	34.5	33.8	-
8:23	35.5	35.6	8:23	37.0	35.8	8:23	31.3	33.8	-
8:24	34.3	35.6	8:24	32.3	35.8	8:24	30.5	33.8	-
8:25	35.3	35.8	8:25	34.3	35.7	8:25	30.5	33.7	-
8:26	36.5	36.0	8:26	33.8	35.7	8:26	32.8	33.7	-
8:27	36.3	36.2	8:27	34.8	35.9	8:27	29.5	33.4	-
8:28	36.0	36.3	8:28	36.5	36.1	8:28	29.5	33.3	-
8:29	37.0	36.5	8:29	34.3	36.1	8:29	31.5	33.2	-
8:30	36.5	36.6	8:30	35.5	36.2	8:30	32.0	33.2	-
8:31	39.0	36.8	8:31	33.5	35.9	8:31	32.5	33.2	-
8:32	36.3	36.8	8:32	34.0	35.8	8:32	31.3	33.1	-
8:33	36.5	36.8	8:33	33.0	35.6	8:33	32.0	32.7	-
8:34	36.0	36.8	8:34	33.3	35.5	8:34	31.3	32.0	-
8:35	37.8	36.4	8:35	33.8	35.4	8:35	34.0	31.9	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
8:36	38.0	36.4	8:36	37.0	35.0	8:36	36.0	31.9	-
8:37	40.5	36.8	8:37	37.8	34.7	8:37	36.3	32.1	-
8:38	43.5	37.3	8:38	36.3	34.7	8:38	36.3	32.4	-
8:39	42.3	37.8	8:39	36.3	34.9	8:39	35.3	32.7	-
8:40	37.8	38.0	8:40	35.5	35.0	8:40	34.3	33.0	-
8:41	37.0	38.0	8:41	35.8	35.1	8:41	32.5	32.9	-
8:42	39.8	38.3	8:42	38.8	35.4	8:42	34.3	33.3	-
8:43	41.8	38.6	8:43	37.5	35.5	8:43	33.0	33.5	-
8:44	40.8	38.9	8:44	40.8	35.9	8:44	34.3	33.7	-
8:45	38.8	39.0	8:45	36.5	36.0	8:45	33.0	33.7	-
8:46	38.3	39.0	8:46	39.0	36.3	8:46	34.3	33.9	-
8:47	36.5	39.0	8:47	36.3	36.5	8:47	33.5	34.0	-
8:48	37.8	39.1	8:48	36.0	36.7	8:48	32.3	34.0	-
8:49	38.8	39.3	8:49	36.5	36.9	8:49	33.5	34.2	-
8:50	42.0	39.6	8:50	36.0	37.1	8:50	33.3	34.1	-
8:51	38.8	39.6	8:51	34.8	36.9	8:51	31.8	33.8	-
8:52	38.8	39.5	8:52	38.3	36.9	8:52	33.0	33.6	-
8:53	37.5	39.1	8:53	39.8	37.2	8:53	31.5	33.3	-
8:54	37.3	38.8	8:54	40.5	37.5	8:54	31.3	33.0	-
8:55	42.5	39.1	8:55	40.0	37.8	8:55	32.3	32.9	-
8:56	39.5	39.2	8:56	50.3	38.7	8:56	34.0	33.0	-
8:57	37.3	39.1	8:57	41.8	38.9	8:57	41.8	33.5	-
8:58	43.0	39.2	8:58	36.3	38.8	8:58	45.8	34.4	-
8:59	41.0	39.2	8:59	34.0	38.4	8:59	36.8	34.5	-
9:00	39.3	39.2	9:00	35.3	38.3	9:00	40.8	35.0	-
9:01	40.0	39.3	9:01	34.5	38.0	9:01	34.3	35.0	-
9:02	37.3	39.4	9:02	37.5	38.1	9:02	36.3	35.2	-
9:03	37.3	39.3	9:03	34.3	38.0	9:03	33.5	35.3	-
9:04	38.5	39.3	9:04	35.3	37.9	9:04	35.0	35.4	-
9:05	39.0	39.1	9:05	35.3	37.8	9:05	35.8	35.6	-
9:06	39.3	39.2	9:06	35.5	37.9	9:06	35.8	35.8	-
9:07	38.5	39.1	9:07	37.0	37.8	9:07	35.0	36.0	-
9:08	38.5	39.2	9:08	35.8	37.5	9:08	34.5	36.2	-
9:09	40.5	39.4	9:09	33.8	37.1	9:09	57.3	37.9	-
9:10	39.5	39.2	9:10	35.0	36.8	9:10	37.0	38.2	-
9:11	40.3	39.3	9:11	34.8	35.7	9:11	32.3	38.1	-
9:12	37.8	39.3	9:12	35.0	35.3	9:12	35.3	37.7	-
9:13	38.8	39.0	9:13	46.3	35.9	9:13	54.0	38.2	-
9:14	39.0	38.9	9:14	41.3	36.4	9:14	60.3	39.8	-
9:15	39.3	38.9	9:15	38.3	36.6	9:15	34.5	39.4	-
9:16	40.8	38.9	9:16	39.3	36.9	9:16	38.5	39.7	-
9:17	39.3	39.1	9:17	34.5	36.7	9:17	42.5	40.1	-
9:18	42.8	39.4	9:18	36.0	36.9	9:18	190.0	50.5	-
9:19	43.0	39.7	9:19	35.5	36.9	9:19	34.5	50.5	-
9:20	40.8	39.9	9:20	34.5	36.8	9:20	33.0	50.3	-
9:21	41.5	40.0	9:21	39.0	37.1	9:21	56.3	51.7	-
9:22	48.5	40.7	9:22	38.0	37.1	9:22	36.8	51.8	-
9:23	39.5	40.7	9:23	37.3	37.2	9:23	35.8	51.9	-
9:24	38.8	40.6	9:24	36.0	37.4	9:24	61.0	52.1	-
9:25	40.8	40.7	9:25	35.3	37.4	9:25	284.3	68.6	-
9:26	42.3	40.8	9:26	35.5	37.4	9:26	82.0	71.9	-
9:27	38.8	40.9	9:27	34.8	37.4	9:27	382.5	95.1	-
9:28	38.5	40.9	9:28	34.5	36.6	9:28	86.3	97.2	-
9:29	36.8	40.7	9:29	34.8	36.2	9:29	50.3	96.5	-
9:30	36.8	40.6	9:30	35.3	36.0	9:30	82.5	99.7	-
9:31	36.8	40.3	9:31	35.0	35.7	9:31	43.3	100.1	-
9:32	37.3	40.2	9:32	35.3	35.8	9:32	34.5	99.5	-
9:33	37.8	39.8	9:33	33.5	35.6	9:33	31.3	88.9	-
9:34	37.5	39.5	9:34	34.0	35.5	9:34	28.5	88.5	-
9:35	38.3	39.3	9:35	35.8	35.6	9:35	118.8	94.3	-
9:36	38.0	39.1	9:36	40.0	35.7	9:36	43.8	93.4	-
9:37	39.0	38.4	9:37	38.3	35.7	9:37	32.3	93.1	-
9:38	40.8	38.5	9:38	36.3	35.6	9:38	35.3	93.1	-
9:39	41.0	38.7	9:39	37.3	35.7	9:39	33.0	91.2	-
9:40	41.0	38.7	9:40	38.0	35.9	9:40	34.8	74.6	-
9:41	41.0	38.6	9:41	40.0	36.2	9:41	40.3	71.8	-
9:42	40.8	38.7	9:42	38.5	36.4	9:42	36.5	48.7	-
9:43	41.8	39.0	9:43	38.3	36.7	9:43	33.3	45.2	-
9:44	43.5	39.4	9:44	48.5	37.6	9:44	32.5	44.0	-
9:45	43.3	39.8	9:45	38.3	37.8	9:45	33.5	40.8	-
9:46	43.5	40.3	9:46	38.3	38.0	9:46	33.5	40.1	-
9:47	43.3	40.7	9:47	39.5	38.3	9:47	34.3	40.1	-
9:48	44.0	41.1	9:48	43.5	39.0	9:48	34.8	40.3	-
9:49	44.8	41.6	9:49	39.8	39.3	9:49	34.5	40.7	-
9:50	44.5	42.0	9:50	40.0	39.6	9:50	34.3	35.1	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
9:51	45.5	42.5	9:51	39.8	39.6	9:51	34.5	34.5	-
9:52	47.0	43.0	9:52	40.5	39.8	9:52	35.3	34.7	-
9:53	46.5	43.4	9:53	40.8	40.1	9:53	35.0	34.7	-
9:54	46.8	43.8	9:54	41.0	40.3	9:54	36.3	34.9	-
9:55	48.8	44.3	9:55	41.0	40.5	9:55	35.3	34.9	-
9:56	47.8	44.8	9:56	39.8	40.5	9:56	34.3	34.5	-
9:57	48.0	45.3	9:57	40.0	40.6	9:57	34.3	34.4	-
9:58	46.0	45.5	9:58	40.3	40.7	9:58	34.3	34.4	-
9:59	46.8	45.8	9:59	40.5	40.2	9:59	34.5	34.6	-
10:00	47.8	46.1	10:00	41.0	40.4	10:00	34.5	34.6	-
10:01	46.8	46.3	10:01	42.8	40.7	10:01	36.5	34.8	-
10:02	50.5	46.8	10:02	43.0	40.9	10:02	35.3	34.9	-
10:03	49.3	47.1	10:03	40.3	40.7	10:03	33.8	34.8	-
10:04	50.3	47.5	10:04	40.8	40.8	10:04	37.0	35.0	-
10:05	48.3	47.7	10:05	41.3	40.8	10:05	38.0	35.2	-
10:06	49.0	48.0	10:06	41.3	40.9	10:06	35.0	35.3	-
10:07	48.5	48.1	10:07	40.8	41.0	10:07	34.0	35.2	-
10:08	48.8	48.2	10:08	41.0	41.0	10:08	35.0	35.2	-
10:09	48.8	48.3	10:09	41.8	41.0	10:09	36.5	35.2	-
10:10	49.3	48.4	10:10	40.3	41.0	10:10	34.8	35.2	-
10:11	49.5	48.5	10:11	40.8	41.0	10:11	35.0	35.2	-
10:12	49.0	48.6	10:12	42.3	41.2	10:12	35.3	35.3	-
10:13	50.5	48.9	10:13	41.8	41.3	10:13	35.5	35.4	-
10:14	48.8	49.0	10:14	41.8	41.4	10:14	34.5	35.4	-
10:15	49.3	49.1	10:15	41.0	41.4	10:15	37.0	35.5	-
10:16	49.8	49.3	10:16	42.0	41.3	10:16	51.8	36.6	-
10:17	50.0	49.3	10:17	41.8	41.2	10:17	36.3	36.6	-
10:18	50.0	49.3	10:18	41.8	41.3	10:18	35.8	36.8	-
10:19	51.3	49.4	10:19	43.5	41.5	10:19	36.5	36.7	-
10:20	52.5	49.7	10:20	42.5	41.6	10:20	35.0	36.5	-
10:21	51.5	49.8	10:21	41.8	41.6	10:21	34.5	36.5	-
10:22	51.5	50.0	10:22	41.8	41.7	10:22	35.0	36.6	-
10:23	53.0	50.3	10:23	41.8	41.8	10:23	33.8	36.5	-
10:24	51.3	50.5	10:24	44.8	42.0	10:24	38.0	36.6	-
10:25	52.5	50.7	10:25	42.5	42.1	10:25	34.5	36.6	-
10:26	53.3	50.9	10:26	41.8	42.2	10:26	44.5	37.2	-
10:27	51.5	51.1	10:27	41.8	42.1	10:27	36.0	37.2	-
10:28	51.3	51.2	10:28	41.5	42.1	10:28	35.3	37.2	-
10:29	52.0	51.4	10:29	44.0	42.3	10:29	36.0	37.3	-
10:30	53.0	51.6	10:30	42.0	42.3	10:30	36.0	37.3	-
10:31	52.0	51.8	10:31	41.5	42.3	10:31	35.8	36.2	-
10:32	51.3	51.9	10:32	41.5	42.3	10:32	34.5	36.1	-
10:33	52.8	52.0	10:33	44.8	42.5	10:33	35.0	36.0	-
10:34	53.0	52.2	10:34	42.3	42.4	10:34	35.8	36.0	-
10:35	53.5	52.2	10:35	43.0	42.4	10:35	34.5	35.9	-
10:36	54.5	52.4	10:36	42.8	42.5	10:36	36.0	36.0	-
10:37	54.3	52.6	10:37	43.3	42.6	10:37	36.3	36.1	-
10:38	55.5	52.8	10:38	45.3	42.8	10:38	36.0	36.3	-
10:39	54.8	53.0	10:39	43.0	42.7	10:39	35.5	36.1	-
10:40	55.3	53.2	10:40	51.8	43.3	10:40	35.0	36.1	-
10:41	57.0	53.4	10:41	43.8	43.5	10:41	34.5	35.5	-
10:42	54.8	53.7	10:42	41.8	43.5	10:42	33.0	35.3	-
10:43	53.0	53.8	10:43	41.5	43.5	10:43	34.5	35.2	-
10:44	52.3	53.8	10:44	41.0	43.3	10:44	34.0	35.1	-
10:45	53.0	53.8	10:45	42.3	43.3	10:45	41.8	35.5	-
10:46	52.3	53.8	10:46	43.3	43.4	10:46	33.3	35.3	-
10:47	52.5	53.9	10:47	41.8	43.4	10:47	32.8	35.2	-
10:48	55.3	54.1	10:48	46.8	43.6	10:48	32.3	35.0	-
10:49	56.3	54.3	10:49	42.0	43.5	10:49	34.8	34.9	-
10:50	55.8	54.4	10:50	49.8	44.0	10:50	41.0	35.4	-
10:51	64.3	55.1	10:51	44.0	44.1	10:51	35.5	35.3	-
10:52	54.8	55.1	10:52	41.0	43.9	10:52	33.8	35.2	-
10:53	54.0	55.0	10:53	43.8	43.8	10:53	35.5	35.1	-
10:54	54.0	55.0	10:54	42.5	43.8	10:54	34.5	35.1	-
10:55	54.3	54.9	10:55	42.0	43.1	10:55	32.8	34.9	-
10:56	56.0	54.8	10:56	41.3	43.0	10:56	32.8	34.8	-
10:57	53.5	54.7	10:57	41.8	43.0	10:57	31.8	34.7	-
10:58	52.3	54.7	10:58	42.5	43.0	10:58	35.5	34.8	-
10:59	54.0	54.8	10:59	42.8	43.2	10:59	33.8	34.8	-
11:00	60.8	55.3	11:00	44.3	43.3	11:00	40.8	34.7	-
11:01	63.5	56.1	11:01	53.0	43.9	11:01	34.0	34.8	-
11:02	61.8	56.7	11:02	45.0	44.2	11:02	33.0	34.8	-
11:03	58.5	56.9	11:03	42.3	43.9	11:03	32.8	34.8	-
11:04	56.3	56.9	11:04	45.5	44.1	11:04	36.8	34.9	-
11:05	58.5	57.1	11:05	44.3	43.7	11:05	33.3	34.4	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
11:06	64.0	57.1	11:06	46.8	43.9	11:06	32.8	34.2	-
11:07	60.3	57.4	11:07	49.8	44.5	11:07	41.8	34.8	-
11:08	56.3	57.6	11:08	42.5	44.4	11:08	33.3	34.6	-
11:09	55.8	57.7	11:09	43.0	44.4	11:09	40.3	35.0	-
11:10	42.3	56.9	11:10	44.0	44.6	11:10	34.0	35.1	-
11:11	55.3	56.9	11:11	43.5	44.7	11:11	33.3	35.1	-
11:12	57.3	57.1	11:12	42.5	44.8	11:12	34.0	35.3	-
11:13	53.3	57.2	11:13	42.8	44.8	11:13	32.8	35.1	-
11:14	55.3	57.3	11:14	41.8	44.7	11:14	32.8	35.0	-
11:15	53.3	56.8	11:15	43.0	44.6	11:15	32.8	34.5	-
11:16	40.3	55.2	11:16	46.5	44.2	11:16	33.0	34.4	-
11:17	54.5	54.7	11:17	44.0	44.1	11:17	34.3	34.5	-
11:18	56.0	54.6	11:18	45.8	44.4	11:18	33.8	34.6	-
11:19	54.0	54.4	11:19	44.8	44.3	11:19	34.0	34.4	-
11:20	40.8	53.2	11:20	44.3	44.3	11:20	34.5	34.5	-
11:21	55.0	52.6	11:21	45.0	44.2	11:21	34.0	34.6	-
11:22	54.3	52.2	11:22	44.8	43.9	11:22	34.5	34.1	-
11:23	41.8	51.3	11:23	45.0	44.0	11:23	34.0	34.1	-
11:24	41.5	50.3	11:24	44.5	44.1	11:24	35.8	33.8	-
11:25	59.0	51.4	11:25	51.5	44.6	11:25	37.5	34.1	-
11:26	44.0	50.7	11:26	46.8	44.9	11:26	36.5	34.3	-
11:27	43.3	49.7	11:27	46.3	45.1	11:27	35.3	34.4	-
11:28	55.8	49.9	11:28	46.0	45.3	11:28	36.8	34.6	-
11:29	56.5	50.0	11:29	46.3	45.6	11:29	36.0	34.8	-
11:30	57.3	50.3	11:30	47.5	45.9	11:30	36.0	35.1	-
11:31	43.3	50.5	11:31	48.5	46.1	11:31	36.3	35.3	-
11:32	57.8	50.7	11:32	47.8	46.3	11:32	38.3	35.5	-
11:33	58.8	50.9	11:33	48.5	46.5	11:33	37.5	35.8	-
11:34	57.5	51.1	11:34	53.3	47.1	11:34	37.3	36.0	-
11:35	58.3	52.3	11:35	47.8	47.3	11:35	39.8	36.4	-
11:36	58.0	52.5	11:36	54.3	47.9	11:36	38.8	36.7	-
11:37	63.3	53.1	11:37	58.0	48.8	11:37	39.5	37.0	-
11:38	69.8	54.9	11:38	48.0	49.0	11:38	39.0	37.3	-
11:39	60.5	56.2	11:39	50.8	49.4	11:39	40.0	37.6	-
11:40	44.5	55.2	11:40	49.5	49.3	11:40	38.8	37.7	-
11:41	59.3	56.2	11:41	48.5	49.4	11:41	37.5	37.8	-
11:42	60.0	57.4	11:42	48.0	49.5	11:42	39.3	38.0	-
11:43	63.0	57.8	11:43	50.2	49.8	11:43	38.0	38.1	-
11:44	59.5	58.0	11:44	48.2	49.9	11:44	38.8	38.3	-
11:45	59.5	58.2	11:45	48.8	50.0	11:45	42.3	38.7	-
11:46	47.8	58.5	11:46	49.0	50.0	11:46	41.3	39.1	-
11:47	61.5	58.7	11:47	53.0	50.4	11:47	41.3	39.3	-
11:48	62.0	59.0	11:48	51.4	50.6	11:48	40.3	39.4	-
11:49	61.0	59.2	11:49	49.4	50.3	11:49	39.5	39.6	-
11:50	45.8	58.4	11:50	52.6	50.6	11:50	40.5	39.6	-
11:51	32.5	56.7	11:51	53.6	50.6	11:51	42.0	39.9	-
11:52	63.8	56.7	11:52	52.0	50.2	11:52	41.0	40.0	-
11:53	62.3	56.2	11:53	53.0	50.5	11:53	42.5	40.2	-
11:54	62.5	56.3	11:54	52.8	50.7	11:54	44.0	40.5	-
11:55	63.3	57.6	11:55	55.2	51.0	11:55	42.5	40.7	-
11:56	66.0	58.0	11:56	52.0	51.3	11:56	39.3	40.8	-
11:57	47.3	57.2	11:57	50.6	51.5	11:57	39.8	40.9	-
11:58	60.5	57.0	11:58	50.6	51.5	11:58	39.8	41.0	-
11:59	45.3	56.1	11:59	50.4	51.6	11:59	39.8	41.0	-
12:00	61.0	56.2	12:00	50.8	51.8	12:00	41.0	41.0	-
12:01	31.0	55.0	12:01	50.0	51.8	12:01	39.0	40.8	-
12:02	62.5	55.1	12:02	51.4	51.7	12:02	40.8	40.8	-
12:03	65.8	55.4	12:03	53.4	51.9	12:03	42.0	40.9	-
12:04	49.3	54.6	12:04	54.8	52.2	12:04	42.5	41.1	-
12:05	64.8	55.8	12:05	53.8	52.3	12:05	40.3	41.1	-
12:06	47.0	56.8	12:06	53.0	52.3	12:06	41.0	41.0	-
12:07	48.5	55.8	12:07	51.8	52.2	12:07	41.5	41.0	-
12:08	64.0	55.9	12:08	52.0	52.2	12:08	40.8	40.9	-
12:09	62.8	55.9	12:09	51.2	52.1	12:09	39.8	40.6	-
12:10	63.0	55.9	12:10	51.6	51.8	12:10	40.5	40.5	-
12:11	63.3	55.7	12:11	53.2	51.9	12:11	42.5	40.7	-
12:12	63.3	56.8	12:12	54.2	52.1	12:12	41.3	40.8	-
12:13	63.0	57.0	12:13	52.4	52.3	12:13	41.5	40.9	-
12:14	63.0	58.1	12:14	51.4	52.3	12:14	46.3	41.4	-
12:15	62.8	58.3	12:15	52.0	52.4	12:15	40.8	41.4	-
12:16	45.5	59.2	12:16	51.8	52.5	12:16	39.3	41.4	-
12:17	59.5	59.0	12:17	49.6	52.4	12:17	38.5	41.2	-
12:18	59.3	58.6	12:18	48.8	52.1	12:18	38.3	41.0	-
12:19	59.3	59.3	12:19	52.6	52.0	12:19	42.5	41.0	-
12:20	46.3	58.0	12:20	53.4	51.9	12:20	40.0	41.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
12:21	61.0	59.0	12:21	51.8	51.9	12:21	39.0	40.8	-
12:22	45.0	58.7	12:22	52.4	51.9	12:22	40.3	40.7	-
12:23	46.0	57.5	12:23	53.4	52.0	12:23	39.8	40.7	-
12:24	45.0	56.3	12:24	53.6	52.1	12:24	38.5	40.6	-
12:25	60.8	56.2	12:25	51.0	52.1	12:25	39.0	40.5	-
12:26	60.3	56.0	12:26	52.8	52.1	12:26	38.3	40.2	-
12:27	60.0	55.8	12:27	51.8	51.9	12:27	39.5	40.1	-
12:28	44.8	54.6	12:28	50.0	51.8	12:28	38.0	39.9	-
12:29	58.8	54.3	12:29	49.6	51.6	12:29	37.5	39.3	-
12:30	58.5	54.0	12:30	51.2	51.6	12:30	37.5	39.1	-
12:31	57.5	54.8	12:31	49.8	51.5	12:31	36.8	38.9	-
12:32	43.0	53.7	12:32	49.4	51.4	12:32	36.8	38.8	-
12:33	41.8	52.5	12:33	50.8	51.6	12:33	37.8	38.7	-
12:34	65.8	53.0	12:34	53.2	51.6	12:34	35.8	38.3	-
12:35	59.5	53.8	12:35	51.6	51.5	12:35	36.5	38.1	-
12:36	44.0	52.7	12:36	48.6	51.3	12:36	35.5	37.8	-
12:37	57.0	53.5	12:37	48.0	51.0	12:37	36.3	37.6	-
12:38	56.5	54.2	12:38	48.6	50.7	12:38	36.0	37.3	-
12:39	57.5	55.0	12:39	47.6	50.3	12:39	35.0	37.1	-
12:40	43.0	53.9	12:40	47.6	50.0	12:40	35.3	36.8	-
12:41	56.0	53.6	12:41	48.0	49.7	12:41	35.3	36.6	-
12:42	57.3	53.4	12:42	46.6	49.4	12:42	35.0	36.3	-
12:43	41.8	53.2	12:43	45.4	49.1	12:43	33.8	36.0	-
12:44	56.8	53.1	12:44	45.6	48.8	12:44	34.8	35.9	-
12:45	53.8	52.7	12:45	46.4	48.5	12:45	35.5	35.7	-
12:46	55.0	52.6	12:46	46.6	48.3	12:46	33.0	35.5	-
12:47	55.3	53.4	12:47	46.6	48.1	12:47	34.0	35.3	-
12:48	41.0	53.3	12:48	46.4	47.8	12:48	36.5	35.2	-
12:49	55.0	52.6	12:49	45.8	47.3	12:49	34.8	35.1	-
12:50	56.8	52.4	12:50	46.0	46.9	12:50	34.3	35.0	-
12:51	60.8	53.6	12:51	45.4	46.7	12:51	33.8	34.9	-
12:52	59.0	53.7	12:52	46.0	46.6	12:52	36.3	34.9	-
12:53	57.5	53.8	12:53	45.8	46.4	12:53	34.8	34.8	-
12:54	55.5	53.6	12:54	46.8	46.3	12:54	39.8	35.1	-
12:55	56.0	54.5	12:55	48.3	46.4	12:55	35.3	35.1	-
12:56	43.5	53.7	12:56	45.8	46.2	12:56	33.3	35.0	-
12:57	56.5	53.6	12:57	46.0	46.2	12:57	34.5	34.9	-
12:58	58.3	54.7	12:58	59.0	47.1	12:58	34.3	35.0	-
12:59	59.3	54.9	12:59	44.5	47.0	12:59	33.0	34.9	-
13:00	42.5	54.1	13:00	44.0	46.9	13:00	35.0	34.8	-
13:01	56.0	54.2	13:01	44.5	46.7	13:01	32.0	34.8	-
13:02	53.3	54.1	13:02	47.8	46.8	13:02	34.0	34.8	-
13:03	55.8	55.0	13:03	49.8	47.0	13:03	33.8	34.6	-
13:04	27.0	53.2	13:04	47.5	47.1	13:04	31.8	34.4	-
13:05	53.3	52.9	13:05	44.0	47.0	13:05	31.8	34.2	-
13:06	55.0	52.6	13:06	45.3	47.0	13:06	33.3	34.2	-
13:07	57.3	52.4	13:07	45.3	46.9	13:07	33.3	34.0	-
13:08	57.8	52.5	13:08	45.3	46.9	13:08	33.8	33.9	-
13:09	41.3	51.5	13:09	44.5	46.8	13:09	30.8	33.3	-
13:10	53.5	51.3	13:10	43.0	46.4	13:10	32.0	33.1	-
13:11	39.8	51.1	13:11	44.0	46.3	13:11	32.0	33.0	-
13:12	54.0	50.9	13:12	44.5	46.2	13:12	30.8	32.8	-
13:13	54.3	50.7	13:13	43.0	45.1	13:13	32.8	32.7	-
13:14	52.8	50.2	13:14	44.5	45.1	13:14	32.5	32.6	-
13:15	54.3	51.0	13:15	43.3	45.1	13:15	32.5	32.5	-
13:16	54.5	50.9	13:16	43.3	45.0	13:16	32.5	32.5	-
13:17	52.8	50.9	13:17	46.8	44.9	13:17	36.8	32.7	-
13:18	40.8	49.9	13:18	45.3	44.6	13:18	32.5	32.6	-
13:19	53.5	51.6	13:19	43.8	44.4	13:19	32.0	32.6	-
13:20	42.0	50.9	13:20	44.0	44.4	13:20	35.3	32.8	-
13:21	54.3	50.8	13:21	46.8	44.5	13:21	34.3	32.9	-
13:22	55.0	50.7	13:22	44.0	44.4	13:22	31.5	32.8	-
13:23	53.8	50.4	13:23	44.3	44.3	13:23	35.0	32.9	-
13:24	27.0	49.5	13:24	44.3	44.3	13:24	32.3	33.0	-
13:25	40.5	48.6	13:25	43.3	44.3	13:25	33.0	33.0	-
13:26	53.8	49.5	13:26	44.0	44.3	13:26	35.8	33.3	-
13:27	54.3	49.6	13:27	46.8	44.5	13:27	47.5	34.4	-
13:28	57.3	49.8	13:28	53.5	45.2	13:28	36.8	34.7	-
13:29	28.3	48.1	13:29	46.0	45.3	13:29	36.3	34.9	-
13:30	56.5	48.3	13:30	46.8	45.5	13:30	35.0	35.1	-
13:31	57.0	48.4	13:31	45.8	45.7	13:31	33.5	35.2	-
13:32	56.3	48.7	13:32	46.0	45.6	13:32	33.3	34.9	-
13:33	42.0	48.8	13:33	49.3	45.9	13:33	36.3	35.2	-
13:34	60.0	49.2	13:34	46.8	46.1	13:34	34.3	35.3	-
13:35	56.0	50.1	13:35	45.0	46.2	13:35	33.3	35.2	-

CAMP Data
30 Water Street
Ossining, NY
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February 24, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
13:36	55.8	50.2	13:36	44.3	46.0	13:36	32.0	35.0	-
13:37	55.3	50.2	13:37	44.5	46.0	13:37	34.5	35.2	-
13:38	55.8	50.4	13:38	45.5	46.1	13:38	33.8	35.2	-
13:39	58.0	52.4	13:39	46.5	46.3	13:39	33.0	35.2	-
13:40	45.3	52.8	13:40	34.8	45.7	13:40	55.3	36.7	-
13:41	45.8	52.2	13:41	33.3	45.0	13:41	57.5	38.1	-
13:42	47.5	51.8	13:42	35.8	44.2	13:42	57.3	38.8	-
13:43	48.3	51.2	13:43	34.5	43.0	13:43	63.5	40.6	-
13:44	47.3	52.4	13:44	35.8	42.3	13:44	62.8	42.3	-
13:45	46.8	51.8	13:45	33.8	41.4	13:45	64.3	44.3	-
13:46	45.8	51.0	13:46	34.0	40.6	13:46	63.0	46.3	-
13:47	45.8	50.3	13:47	35.3	39.9	13:47	58.8	48.0	-
13:48	46.8	50.7	13:48	37.0	39.1	13:48	59.3	49.5	-
13:49	48.8	49.9	13:49	37.0	38.5	13:49	42.8	50.1	-
13:50	48.0	49.4	13:50	36.3	37.9	13:50	43.8	50.8	-
13:51	48.8	48.9	13:51	54.5	38.6	13:51	66.0	53.0	-
13:52	48.3	48.4	13:52	37.0	38.1	13:52	60.0	54.7	-
13:53	47.3	47.9	13:53	34.5	37.3	13:53	59.0	56.4	-
13:54	47.5	47.2	13:54	35.0	36.6	13:54	58.5	58.1	-
13:55	47.0	47.3	13:55	36.0	36.6	13:55	58.3	58.3	-
13:56	48.5	47.5	13:56	37.8	36.9	13:56	58.0	58.3	-
13:57	50.5	47.7	13:57	45.0	37.6	13:57	58.8	58.4	-
13:58	52.3	47.9	13:58	36.5	37.7	13:58	59.5	58.2	-
13:59	48.8	48.0	13:59	36.8	37.8	13:59	62.3	58.1	-
14:00	49.5	48.2	14:00	38.5	38.1	14:00	64.8	58.2	-
14:01	50.0	48.5	14:01	35.8	38.2	14:01	62.0	58.1	-
14:02	51.0	48.9	14:02	36.3	38.3	14:02	60.0	58.2	-
14:03	48.5	49.0	14:03	36.5	38.2	14:03	61.5	58.3	-
14:04	50.0	49.1	14:04	39.0	38.4	14:04	60.5	59.5	-
14:05	50.5	49.2	14:05	40.5	38.6	14:05	60.3	60.6	-
14:06	51.0	49.4	14:06	37.0	37.5	14:06	46.0	59.3	-
14:07	51.3	49.6	14:07	37.5	37.5	14:07	60.0	59.3	-
14:08	48.3	49.6	14:08	36.5	37.6	14:08	61.5	59.5	-
14:09	48.3	49.7	14:09	37.8	37.8	14:09	60.8	59.6	-
14:10	48.5	49.8	14:10	36.3	37.8	14:10	61.3	59.8	-
14:11	49.8	49.9	14:11	37.5	37.8	14:11	44.8	58.9	-
14:12	49.8	49.8	14:12	37.3	37.3	14:12	47.5	58.2	-
14:13	50.5	49.7	14:13	38.3	37.4	14:13	59.8	58.2	-
14:14	50.8	49.8	14:14	38.3	37.5	14:14	61.0	58.1	-
14:15	49.3	49.8	14:15	37.3	37.4	14:15	62.3	57.9	-
14:16	49.8	49.8	14:16	38.0	37.6	14:16	60.5	57.8	-
14:17	52.5	49.9	14:17	38.0	37.7	14:17	62.0	58.0	-
14:18	51.3	50.1	14:18	38.3	37.8	14:18	62.0	58.0	-
14:19	52.0	50.2	14:19	38.3	37.8	14:19	61.5	58.1	-
14:20	50.0	50.2	14:20	37.8	37.6	14:20	45.8	57.1	-
14:21	49.5	50.1	14:21	39.5	37.8	14:21	63.0	58.2	-
14:22	50.0	50.0	14:22	39.0	37.9	14:22	64.3	58.5	-
14:23	53.0	50.3	14:23	43.5	38.3	14:23	62.3	58.6	-
14:24	52.0	50.6	14:24	40.3	38.5	14:24	65.0	58.9	-
14:25	51.3	50.8	14:25	39.3	38.7	14:25	65.5	59.1	-
14:26	50.0	50.8	14:26	39.3	38.8	14:26	61.5	60.3	-
14:27	50.8	50.8	14:27	39.8	39.0	14:27	61.8	61.2	-
14:28	50.8	50.9	14:28	39.3	39.0	14:28	62.5	61.4	-
14:29	51.8	50.9	14:29	39.3	39.1	14:29	62.0	61.5	-
14:30	50.8	51.0	14:30	40.5	39.3	14:30	62.8	61.5	-
14:31	52.3	51.2	14:31	41.8	39.6	14:31	46.8	60.6	-
14:32	51.3	51.1	14:32	40.8	39.8	14:32	61.8	60.6	-
14:33	54.3	51.3	14:33	41.5	40.0	14:33	62.6	60.6	-
14:34	51.0	51.2	14:34	41.8	40.2	14:34	63.0	60.7	-
14:35	52.5	51.4	14:35	45.0	40.7	14:35	63.5	61.9	-
14:36	57.8	52.0	14:36	42.8	40.9	14:36	64.0	61.9	-
14:37	56.8	52.4	14:37	43.0	41.2	14:37	64.0	61.9	-
14:38	53.5	52.4	14:38	42.5	41.1	14:38	64.0	62.0	-
14:39	54.5	52.6	14:39	41.5	41.2	14:39	63.5	61.9	-
14:40	55.3	52.9	14:40	41.3	41.3	14:40	65.5	61.9	-
14:41	55.3	53.2	14:41	41.0	41.4	14:41	64.0	62.1	-
14:42	55.0	53.5	14:42	42.8	41.6	14:42	64.3	62.3	-
14:43	55.5	53.8	14:43	43.8	41.9	14:43	64.5	62.4	-
14:44	54.8	54.0	14:44	43.0	42.2	14:44	50.0	61.6	-
14:45	53.8	54.2	14:45	43.0	42.4	14:45	64.5	61.7	-
14:46	55.0	54.4	14:46	42.0	42.4	14:46	65.5	63.0	-
14:47	53.5	54.6	14:47	42.0	42.5	14:47	65.0	63.2	-
14:48	52.5	54.4	14:48	42.8	42.5	14:48	65.0	63.4	-
14:49	53.0	54.6	14:49	41.5	42.5	14:49	64.5	63.5	-
14:50	63.0	55.3	14:50	47.8	42.7	14:50	66.8	63.7	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Exceeds Particulate Alarm Limit
14:51	54.3	55.0	14:51	43.3	42.7	14:51	65.8	63.8	-
14:52	53.8	54.8	14:52	44.3	42.8	14:52	66.0	63.9	-
14:53	54.8	54.9	14:53	44.0	42.9	14:53	65.8	64.0	-
14:54	56.0	55.0	14:54	43.5	43.1	14:54	50.8	63.2	-
14:55	54.5	55.0	14:55	44.0	43.2	14:55	66.3	63.2	-
14:56	62.3	55.4	14:56	47.0	43.6	14:56	67.8	63.5	-
14:57	57.5	55.6	14:57	43.5	43.7	14:57	69.8	63.9	-
14:58	56.3	55.7	14:58	45.8	43.8	14:58	50.5	62.9	-
14:59	55.8	55.7	14:59	45.5	44.0	14:59	68.3	64.1	-
15:00	60.8	56.2	15:00	47.3	44.3	15:00	69.0	64.4	-
15:01	60.0	56.5	15:01	44.8	44.5	15:01	69.5	64.7	-
15:02	60.0	57.0	15:02	47.5	44.8	15:02	68.0	64.9	-
15:03	58.3	57.3	15:03	45.0	45.0	15:03	52.0	64.0	-
15:04	57.0	57.6	15:04	44.8	45.2	15:04	68.0	64.3	-
15:05	61.0	57.5	15:05	45.0	45.0	15:05	68.3	64.4	-
15:06	57.3	57.7	15:06	45.8	45.2	15:06	68.8	64.6	-
15:07	58.5	58.0	15:07	45.5	45.3	15:07	69.5	64.8	-
15:08	57.5	58.2	15:08	45.3	45.3	15:08	68.5	65.0	-
15:09	58.5	58.3	15:09	46.3	45.5	15:09	34.0	63.9	-
15:10	68.0	59.2	15:10	47.0	45.7	15:10	71.3	64.2	-
15:11	58.5	59.0	15:11	46.5	45.7	15:11	72.0	64.5	-
15:12	57.8	59.0	15:12	48.0	46.0	15:12	71.8	64.6	-
15:13	58.3	59.1	15:13	48.0	46.1	15:13	72.0	66.1	-
15:14	59.3	59.4	15:14	47.3	46.3	15:14	70.3	66.2	-
15:15	61.0	59.4	15:15	47.8	46.3	15:15	71.3	66.3	-
15:16	63.8	59.6	15:16	46.5	46.4	15:16	70.5	66.4	-
15:17	58.0	59.5	15:17	46.5	46.3	15:17	70.0	66.5	-
15:18	60.5	59.7	15:18	47.8	46.5	15:18	70.3	67.8	-
15:19	60.0	59.9	15:19	47.0	46.7	15:19	70.0	67.9	-
15:20	57.5	59.6	15:20	46.8	46.8	15:20	68.3	67.9	-
15:21	60.0	59.8	15:21	47.0	46.9	15:21	50.8	66.7	-
15:22	60.8	60.0	15:22	46.3	46.9	15:22	68.5	66.6	-
15:23	60.3	60.1	15:23	46.0	47.0	15:23	51.8	65.5	-
15:24	68.5	60.8	15:24	46.3	47.0	15:24	66.8	67.7	-
15:25	70.5	61.0	15:25	46.5	46.9	15:25	68.8	67.5	-
15:26	122.5	65.2	15:26	46.3	46.9	15:26	69.5	67.4	-
15:27	70.3	66.1	15:27	47.0	46.9	15:27	70.8	67.3	-
15:28	63.0	66.4	15:28	46.3	46.7	15:28	71.0	67.2	-
15:29	64.8	66.8	15:29	45.0	46.6	15:29	70.0	67.2	-
15:30	61.5	66.8	15:30	46.5	46.5	15:30	70.5	67.2	-
15:31	59.5	66.5	15:31	46.0	46.5	15:31	72.8	67.3	-
15:32	61.0	66.7	15:32	45.0	46.4	15:32	69.8	67.3	-
15:33	61.5	66.8	15:33	46.5	46.3	15:33	68.5	67.2	-
15:34	59.8	66.8	15:34	48.0	46.4	15:34	68.5	67.1	-
15:35	45.8	66.0	15:35	52.0	46.7	15:35	59.0	66.5	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

Monday, February 24, 2025

Number of Instances Where Downwind VOCs Exceeds 5.0 =	**0**
Number of Comparable Data Points =	**466**
Start Time:	**7:26**
End Time:	**15:35**

PID DATA

Upwind			Downwind			Downwind			
Time	**Concentration (ppm)**	**15-Min Avg Concentration (ppm)**	**Time**	**Concentration (ppm)**	**15-Min Avg Concentration (ppm)**	**Time**	**Concentration (ppm)**	**15-Min Avg Concentration (ppm)**	**Exceeds Particulate Alarm Limit**
7:26	0.0	-	7:26	-	-	7:26	-	-	-
7:27	0.0	-	7:27	-	-	7:27	-	-	-
7:28	0.0	-	7:28	-	-	7:28	-	-	-
7:29	0.0	-	7:29	-	-	7:29	-	-	-
7:30	0.0	-	7:30	-	-	7:30	-	-	-
7:31	0.0	-	7:31	-	-	7:31	-	-	-
7:32	0.0	-	7:32	0.0	-	7:32	-	-	-
7:33	0.0	-	7:33	0.0	-	7:33	-	-	-
7:34	0.0	-	7:34	0.0	-	7:34	-	-	-
7:35	0.0	-	7:35	-	-	7:35	0.0	-	-
7:36	0.0	-	7:36	-	-	7:36	0.0	-	-
7:37	0.0	-	7:37	-	-	7:37	0.0	-	-
7:38	0.0	-	7:38	-	-	7:38	0.0	-	-
7:39	0.1	-	7:39	0.0	-	7:39	0.0	-	-
7:40	0.0	-	7:40	0.0	-	7:40	0.0	-	-
7:41	0.0	0.0	7:41	0.0	-	7:41	0.0	-	-
7:42	0.1	0.0	7:42	0.0	-	7:42	0.0	-	-
7:43	0.0	0.0	7:43	0.0	-	7:43	0.0	-	-
7:44	0.0	0.0	7:44	0.0	-	7:44	0.0	-	-
7:45	0.0	0.0	7:45	0.0	-	7:45	0.0	-	-
7:46	0.0	0.0	7:46	0.0	-	7:46	0.0	-	-
7:47	0.1	0.0	7:47	0.0	-	7:47	0.0	-	-
7:48	0.1	0.0	7:48	0.0	-	7:48	0.0	-	-
7:49	0.1	0.0	7:49	0.0	-	7:49	0.0	-	-
7:50	0.1	0.1	7:50	0.0	-	7:50	0.0	0.0	-
7:51	0.1	0.1	7:51	0.0	-	7:51	0.0	0.0	-
7:52	0.1	0.1	7:52	0.0	-	7:52	0.0	0.0	-
7:53	0.2	0.1	7:53	0.0	-	7:53	0.0	0.0	-
7:54	0.1	0.1	7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.1	0.1	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.1	0.1	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.1	0.1	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.1	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.1	0.1	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.2	0.1	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.2	0.1	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.2	0.1	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.2	0.1	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.1	0.1	8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.2	0.1	8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.2	0.1	8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.2	0.2	8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.2	0.2	8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.2	0.2	8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.3	0.2	8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.3	0.2	8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.3	0.2	8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.2	0.2	8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.1	0.2	8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.3	0.2	8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.3	0.2	8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.3	0.2	8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.3	0.2	8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.2	0.2	8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.2	0.2	8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.2	0.2	8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.3	0.2	8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.4	0.3	8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.4	0.3	8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.3	0.3	8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.4	0.3	8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.3	0.3	8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.3	0.3	8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.4	0.3	8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.4	0.3	8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.3	0.3	8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.3	0.3	8:32	0.0	0.0	8:32	0.0	0.0	-
8:33	0.3	0.3	8:33	0.0	0.0	8:33	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
8:34	0.3	0.3	8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.3	0.3	8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.4	0.3	8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.4	0.4	8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.4	0.4	8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.4	0.4	8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.4	0.4	8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.4	0.4	8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.4	0.4	8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.4	0.4	8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.4	0.4	8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.4	0.4	8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.4	0.4	8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.4	0.4	8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.4	0.4	8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.4	0.4	8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.4	0.4	8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.3	0.4	8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.4	0.4	8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.3	0.4	8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.4	0.4	8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.4	0.4	8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.4	0.4	8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.4	0.4	8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.3	0.4	8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.3	0.4	8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.4	0.4	9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.4	0.4	9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.4	0.4	9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.3	0.4	9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.4	0.4	9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.4	0.4	9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.4	0.4	9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.4	0.4	9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.4	0.4	9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.4	0.4	9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.3	0.4	9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.3	0.4	9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.4	0.4	9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.4	0.4	9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.4	0.4	9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.4	0.4	9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.3	0.4	9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.3	0.4	9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.4	0.4	9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.4	0.4	9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.4	0.4	9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.4	0.4	9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.4	0.4	9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.4	0.4	9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.4	0.4	9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.4	0.4	9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.4	0.4	9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.4	0.4	9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.5	0.4	9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.4	0.4	9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.4	0.4	9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.5	0.4	9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.5	0.4	9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.5	0.4	9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.5	0.4	9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.4	0.4	9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.4	0.4	9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.5	0.4	9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.4	0.4	9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.4	0.4	9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.4	0.4	9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.4	0.4	9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.4	0.4	9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.4	0.4	9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.4	0.4	9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.4	0.4	9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.4	0.4	9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.4	0.4	9:47	0.0	0.0	9:47	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:48	0.4	0.4	9:48	0.0	0.0	9:48	0.0	0.0	-
9:49	0.3	0.4	9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.5	0.4	9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.4	0.4	9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.4	0.4	9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.3	0.4	9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.4	0.4	9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.4	0.4	9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.3	0.4	9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.3	0.4	9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.3	0.4	9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.4	0.4	9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.3	0.4	10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.4	0.4	10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.4	0.4	10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.3	0.4	10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.3	0.4	10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.4	0.3	10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.3	0.3	10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.3	0.3	10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.2	0.3	10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.3	0.3	10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.2	0.3	10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.2	0.3	10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.2	0.3	10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.3	0.3	10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.3	0.3	10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.3	0.3	10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.3	0.3	10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.2	0.3	10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.3	0.3	10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.2	0.3	10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.2	0.3	10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.2	0.2	10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.2	0.2	10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.2	0.2	10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.3	0.2	10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.2	0.2	10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.2	0.2	10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.2	0.2	10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.1	0.2	10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.1	0.2	10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.2	0.2	10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.1	0.2	10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.1	0.2	10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.1	0.2	10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.2	10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.1	0.1	10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.1	0.1	10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.1	0.1	10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.1	10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.1	10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.1	10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.1	10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.1	10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.1	10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.1	10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	11:01	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
11:02	0.0	0.0	11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	11:04	0.0	0.0	-
11:05	0.0	0.0	11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	12:15	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
12:16	0.0	0.0	12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	12:20	0.0	0.0	-
12:21	0.0	0.0	12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	13:29	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
13:30	0.0	0.0	13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	13:36	0.0	0.0	-
13:37	0.0	0.0	13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	14:43	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
February 24, 2025

PID DATA									
Upwind			Downwind			Downwind			
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Exceeds Particulate Alarm Limit
14:44	0.0	0.0	14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	14:52	0.0	0.0	-
14:53	0.0	0.0	14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.0	0.0	14:54	0.0	0.0	-
14:55	0.0	0.0	14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.0	0.0	14:58	0.0	0.0	-
14:59	0.0	0.0	14:59	0.0	0.0	14:59	0.0	0.0	-
15:00	0.0	0.0	15:00	0.0	0.0	15:00	0.0	0.0	-
15:01	0.0	0.0	15:01	0.0	0.0	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12	0.0	0.0	15:12	0.0	0.0	-
15:13	0.0	0.0	15:13	0.0	0.0	15:13	0.0	0.0	-
15:14	0.0	0.0	15:14	0.0	0.0	15:14	0.0	0.0	-
15:15	0.0	0.0	15:15	0.0	0.0	15:15	0.0	0.0	-
15:16	0.0	0.0	15:16	0.0	0.0	15:16	0.0	0.0	-
15:17	0.0	0.0	15:17	0.0	0.0	15:17	0.0	0.0	-
15:18	0.0	0.0	15:18	0.0	0.0	15:18	0.0	0.0	-
15:19	0.0	0.0	15:19	0.0	0.0	15:19	0.0	0.0	-
15:20	0.0	0.0	15:20	0.0	0.0	15:20	0.0	0.0	-
15:21	0.0	0.0	15:21	0.0	0.0	15:21	0.0	0.0	-
15:22	0.0	0.0	15:22	0.0	0.0	15:22	0.0	0.0	-
15:23	0.0	0.0	15:23	0.0	0.0	15:23	0.0	0.0	-
15:24	0.0	0.0	15:24	0.0	0.0	15:24	0.0	0.0	-
15:25	0.0	0.0	15:25	0.0	0.0	15:25	0.0	0.0	-
15:26	0.0	0.0	15:26	0.0	0.0	15:26	0.0	0.0	-
15:27	0.0	0.0	15:27	0.0	0.0	15:27	0.0	0.0	-
15:28	0.0	0.0	15:28	0.0	0.0	15:28	0.0	0.0	-
15:29	0.0	0.0	15:29	0.0	0.0	15:29	0.0	0.0	-
15:30	0.0	0.0	15:30	0.0	0.0	15:30	0.0	0.0	-
15:31	0.0	0.0	15:31	0.0	0.0	15:31	0.0	0.0	-
15:32	0.0	0.0	15:32	0.0	0.0	15:32	0.0	0.0	-
15:33	0.0	0.0	15:33	0.0	0.0	15:33	0.0	0.0	-
15:34	0.0	0.0	15:34	0.0	0.0	15:34	0.0	0.0	-
15:35	0.0	0.0	15:35	0.0	0.0	15:35	0.0	0.0	-

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

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April 30, 2025

Ms. Caroline Jalanti, Professional Engineer I
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

RE: Daily Progress Report – April 29, 2025
Former Ossining Works Site, Operable Unit 1 (OU-1) Site (C360172)
30 Water Street, Ossining, New York
SESI Project No. 11498

Dear Ms. Jalanti:

On behalf of our Client, WB 30 Water Street, LLC (the Volunteer"), SESI Consulting Engineers (SESI) has prepared this Daily Progress Report (DPR) at the request of the New York Department of Environmental Conservation (NYSDEC) regarding construction activities at the above referenced Site. This DPR includes the following:

1. Weather and general details;
2. Actions conducted during the reporting period;
3. Summary of all samples collected for any media;
4. Anticipated actions for the next reporting period;
5. Unresolved delays or issues encountered or anticipated that may affect the schedule and efforts to mitigate such issues/delays; and,
6. Community Air Monitoring Program (CAMP) activities.

SESI performed or coordinated the performance of the activities listed below.

1. GENERAL DETAILS

- The weather was observed to be sunny and 47-80 degrees F.
- The contractors included three (3) staff members from Griffon Construction, six (6) staff members from RYC NY, eight (8) staff members from Renova, two (2) staff members from Insite, five (5) drivers from the Mendez Trucking Inc., two (2) representatives from the New York State Department of Environmental Conservation (NYSDEC), and two (2) representatives from SESI.

2. ACTIONS CONDUCTED DURING APRIL 29, 2025

- On the northeast portion of the site support of excavation (SOE) installation resumed. Excavation/ rock hammering was performed at an approximate ten (10) foot offset west from the east face of the SOE in preparation of the future installation of raker

foundations and rakers. Additionally, installation of the waler along the east face of the SOE commenced; however, was not completed prior to the end of the day. The soil generated from the excavation was consolidated with the SOE stockpile/ access ramp further west **(Attachment C)**.

- On the southeast portion of the site, exporting of stockpiled soils generated from previous excavation from Pilot Program cells Pilot-C and Pilot-J(B)'s footprints was performed. Operations consisted of exporting five (5) tandem axle trucks, from Mendez Trucking Inc., to the approved facility: Fairless Landfill in Morrisville Pennsylvania. Exporting of the entire stockpile from Pilot-C was not performed prior to the end of the day; however, the remainder of the stockpile was relocated outside of the Pilot-C's footprint adjacent to its northeast corner. During the loadout procedure, it was observed that the trucks drove on the tracking pads/mats **(Attachments D and E)**.
- On the south-central portion of the site, within the footprint of Pilot Program cell Pilot-C In-situ Stabilization and Solidification (ISS) operations were performed. A kick off meeting was conducted with representatives from NYSDEC, SESI, Renova, and Griffin to go through the pilot plan.

  Prior to ISS operations commencing, Insite was observed onsite surveying the excavated area of both Pilot-C and Pilot-J(B) to establish post-excavation depths. ISS operations consisted of introducing prescribed six (6) percent of Portland Cement (PC) and two (2) percent of slag into the cell and mixing the soil and amendments to a homogenous state. Subsequent Pilot-C attaining a homogeneous consistency, the mix was observed to have a dark gray color. Due to the observed color of the mix and after discussing with DEC, an additional four (4) percent of slag was introduced into the mix. Total amendments were added per the table below. **(Attachment D)**.

Table 1. Pilot – C ISS Details

	Mix	Surface Area	Depth from Grade per RAWP + 1 ft	Surveyed Pre-Cut Elevation	Treatment Depth (ft)	Existing Grade Elevation	Bottom Elevation	Mix Volume	Total Mix	PC	GGBFS
		SF	ft-bgs	ft-amsl	ft-bgs	ft-amsl	ft-amsl	CY	Tons	Tons	Tons
Pilot - C	No. 2 (6% PC2 6% GGBFS2)	771	14	11.79	9.69	16.1	2.1	277	415	24.90	24.90

3. SUMMARY OF SAMPLE COLLECTION

Renova collected two (2) sets of cylinders, one set of twelve (12) cylinders at 6-8' and one set of fourteen (14) cylinders at the 12-14' interval as noted in the table below. The cylinders will be sent out by Renova for Unconfined Compression Strength (UCS) and hydraulic permeability testing. Samples were stored in a cooler within Renova's trailer.

Table 2. ISS Pilot Grid Sample Collection

Date	ISS Area	Grid	Sample 1 depth collected (feet)	Sample 2 depth collected (feet)	UCS Results >50 psi	Permeability Results <10-6 cm/sec
4/30/2025	Pilot-C	Pilot C	6-8	12-14	TBD	TBD

4. ANTICIPATED ACTIONS FOR APRIL 30, 2025

- Preparation of pilot program cell Pilot-J(B) by Renova.
- Continuation of SOE installation on the northeast portion onto the site by RYC NY.

5. DELAYS OR MODIFICATIONS TO THE SCHEDULE

None.

6. CAMP ACTIVITIES

Community air monitoring has been conducted for the above-mentioned "Actions conducted during April 29, 2025" per the CAMP. Two (2) air monitor stations (AMSs) were located downwind, and one (1) AMS was located upwind of the site's location. The AMSs were at these locations to monitor areas that are more vulnerable to any dust or vapor generated from the work. During the day no visible dust was observed to be migrating offsite. No dust or PID exceedances were recorded associated with the Site work operations (**Attachment F)**.

If you have any questions or need additional information, please feel free to call.

Sincerely,
SESI CONSULTING ENGINEERS D.P.C.

Sheng Long
Project Engineer

Attachments:
A – Photographs
B – General Site Plan
C – SOE and Drilled Pile Plan
D – Cell Layout Plan
E – Manifests
F – CAMP Data

Attachment A – Photographs



Photo #1

Sample view of south-central portion of the Site, Pilot-C post-excavation surveying, facing northwest



Photo #2

Sample view of northeast portion of the Site, Waler installation, facing north



Photo #3

Sample view of south-central portion of the Site, Pilot-C ISS mixing, facing southeast

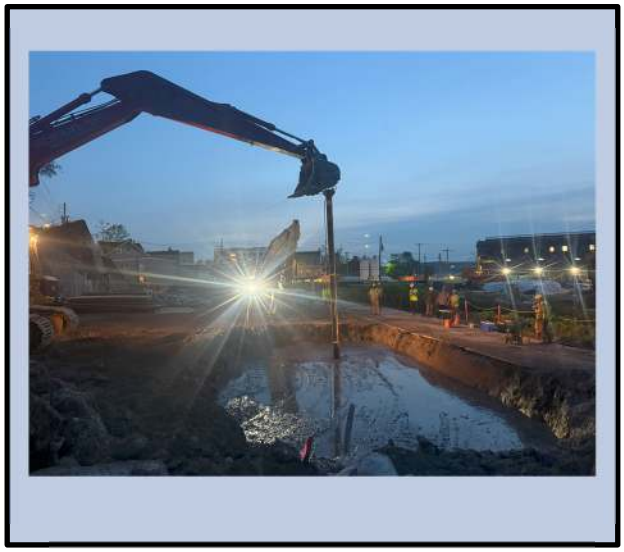
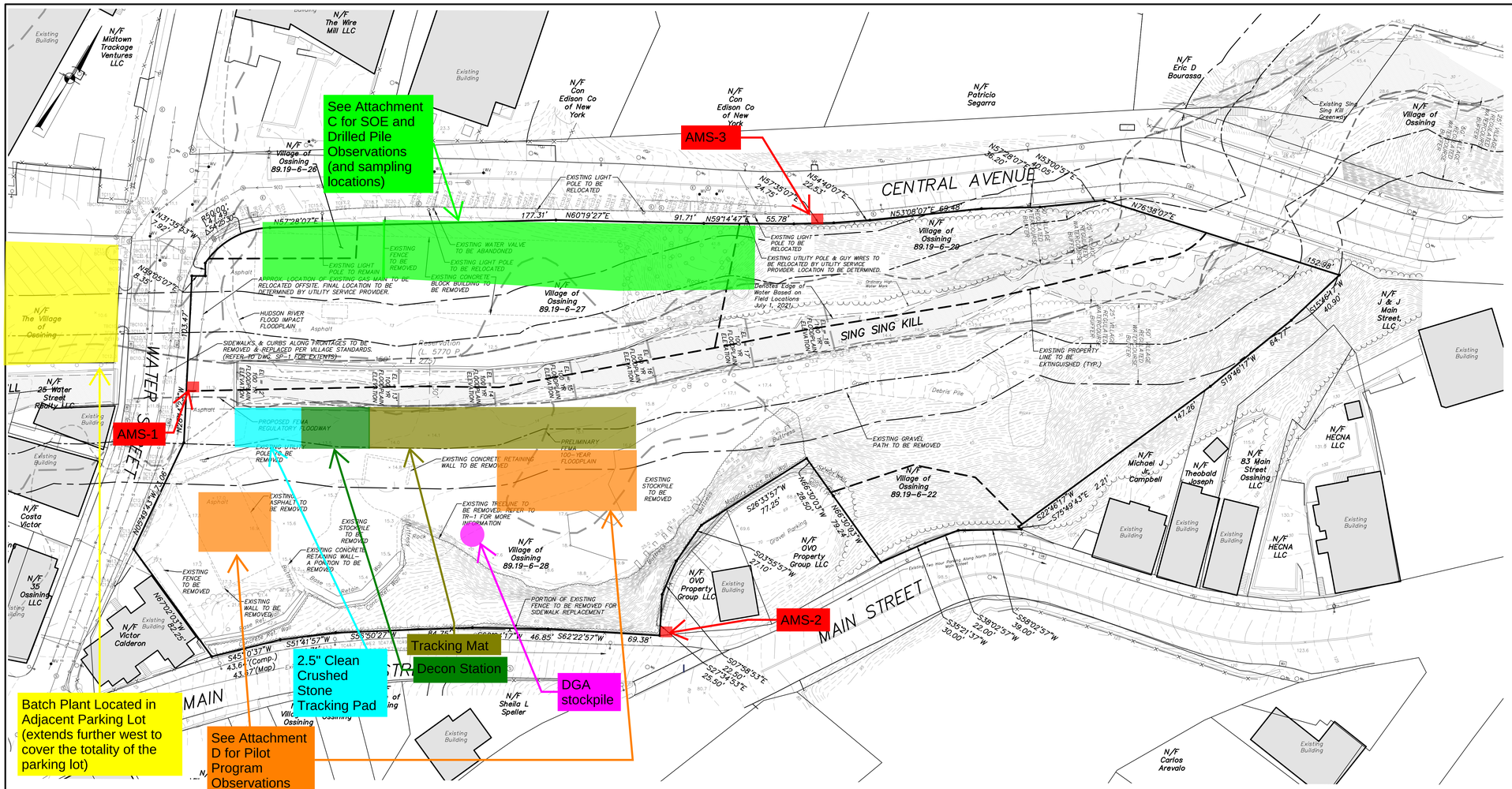
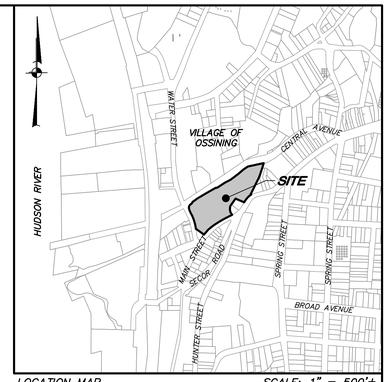


Photo #4

Sample view of south-central portion of the Site, Pilot-C sampling, facing west

Attachment B: General Site Plan





LOCATION MAP SCALE: 1" = 500'±

OWNER:

VILLAGE OF OSSINING
16 CROTON AVENUE
OSSINING, NY 10562

APPLICANT:

WBP DEVELOPMENT, LLC
480 BEDFORD ROAD
CHAPPAQUA, NY 10514-1715

SITE DATA:

Zone: PW-b (Central Waterfront-Transit)
Total Acreage 3.2 AC ±
Tax Map No.: 89.19-6-22
89.19-6-26
89.19-6-27
89.19-6-28
89.19-6-29

ZONE PW-b BULK ZONING REQUIREMENTS (See notes below for Variances Granted)

	REQUIRED/ PERMITTED	EXISTING	PROPOSED LOT 1	PROPOSED LOT 2 (PROPOSED OPEN SPACE LOT)
Setbacks:				
Minimum Lot Area (s.f.):	40,000 s.f.	3.2 AC ± (139,395 s.f. ±)	2.1 AC ± (89,551 s.f. ±)	1.1 AC ± (49,844 s.f. ±)
Building Width and Open Area (ft.); Section 270-23(F)(2)	Shall not exceed 50% of the width of the parcel (Lot Width x 50% = Building Width)	Permitted: 250'x50%=125'	Permitted: 252'x50%=126'	N/A
		Existing: 47'	Provided: 125.33'	
	No structure or building shall exceed 75'	47'	71.5'	N/A
	One uninterrupted space shall be at least 30% of parcel width (250'x30%=75')	194'±	69.8' (Variance granted)	N/A
No Building or part thereof shall be situated within: Section 270-23(D)	20 ft. of any street or 15 ft. of any lot line	10' (Street) 2' (Lot Line)	7.5' (Parking Structure to Street-Variance granted) 0' (Parking Structure to Lot Line-Variance granted) 18.4' (Residential Building to Lot Line) (2 Variances granted)	N/A
Minimum Setback for Parking or Loading Areas from Street or Lot Line (ft.); Section 270-23(D)	10 ft.	0' (Lot Line)	0' (For Parking Structure to Lot Line) (Variance granted)	N/A
Minimum distance between any two Buildings (except Attached Dwellings sharing a Party Wall)(ft.):	50 ft.	N/A	62.5'	N/A
Maximum spacing between Pedestrian Building Entrances on Main, Secor, Central and Water Street Frontages (ft.):	70 ft.; entrances must be useable for ingress and egress by building users	Water Street N/A	N/A	N/A
		Central Avenue N/A	N/A (Parking garage)	N/A
		Main Street N/A	N/A (Parking garage)	N/A
Maximum Parking along Street Frontage:	30% of total street frontage for any given lot along Water Street, Central Avenue, Main and Secor Water Street = 198' x 0.3 = 59' Central Avenue = 346.6' x 0.3 = 104.6 (Lot 1)' Main Street = 370' x 0.3 = 111'	Water Street N/A	32% (Variance granted)	N/A
		Central Avenue 346.6' Lot 1	73% (Variance granted)	N/A
		Main Street 356'	N/A	N/A
Residential Requirements:				
Density (3):	15 units per acre pursuant to §270-23	N/A	N/A	N/A
Density (Special Permit Application) (3):	**Baseline density: 22 units per acre up to 32 dwelling units per acre pursuant to §270-23. 125 units (see calculation below)	N/A	109 (2)	
Bedroom Mix:	One-bedroom units or studios: 10% of total units, two-bedroom units: 20% of total units	N/A	40-One Bedroom (37%) 60-Two Bedroom (55%) 9-Three Bedroom (8%)	
Heights:				
Maximum Building Height:	No building shall extend more than 4.0 stories or 48 ft. from either the average elevation of the proposed finished grade of the site or the curbline on Water Street, Central Avenue, State Street, Main Street and Secor Road, whichever is greater; no building shall extend more than 1.0 story or 16 ft. above Market or Hunter Streets	Less than 48'	Less than 48' – Refer to Mixed Use Building Elevation prepared by Beyer Blinder Belle Architects & Planners LLP dated 4-7-22	N/A
Coverage:				
Maximum Impervious Coverage:	60%	19.2%	65.9% (Variance granted)	5.9%
Maximum Building Coverage:	40%	7.5%	38.3%	N/A
Open Space:				
Minimum Open Space:	15% of Lot Area	50%	49%	100%
VARIANCES NEEDED FOR LOT 1:	REQUIRED:		PROVIDED:	
Section 270-23(F)(5)a. Habitable floor area for the proposed residential apartments.	1-bedroom: 600 S.F. 2-bedroom: 750 S.F. 3-bedroom: 1,000 S.F.		490 S.F.(Variance granted) 655 S.F. (Variance granted) 823 S.F.(Variance granted)	N/A N/A N/A
Section 270-28(C)b. Where feasible access to lots having frontage on more than one street shall be from a non-residential street.	See column to left		Access provided from Water St. and Central Ave.	Variance to allow access from Water St. and Central Ave.
Section 270-28(F)a. Not providing 25-foot buffer on each side of watercourse.	25'		0'	25'
Section 270-30(A)(5)a. Having Parking in front yard.	Assumed 15'		0'	15'
Section 270-30(A)(6)a. Proposing to install a driveway entrance within 50 feet of an intersection.	50'		39.5'	10.5'
Section 270-30(9)(B)a. Proposing parking on the first floor extending a minimum of 40 feet back from the building line.	40' from building		0'	40'

(1) Uninterrupted space requirement can be excluded if the planning board determines the structure to be irrelevant to preserving view corridors either to or from the Hudson River.

(2) Pursuant to section 270-23 ! (4), the following has been incorporated into the site plan in pursuit of a density bonus:
- 270-23 ! (4)(b) – Provision of Public Park or Public Open Space.
- 270-23 ! (4)(c) – Use of Green Building Techniques.
- 270-23 ! (4)(e) – Brownfields Remediation.
- 270-23 ! (4)(f) – Contribution to non-site related Infrastructure improvements.
- 270-23 ! (4)(h) – Stream bank restoration or stabilization.
- An additional 15% increase in density is permitted based on the provision of affordable housing.
- Pursuant to section 270-23 ! (B), the total property area or 3.2 acres was used to establish the permitted density.
- Special permit density= 32x3.2=102 units.
- Additional 15% density permitted by providing affordable housing= 102x15%=15 units.
- Total permitted density= 102+15=117 units.

(3) The density calculations have been based on the full 3.2 acre area.

(4) Noted variances were granted by the Village of Ossining Zoning Board of Appeals on November 29, 2022.

(5) A parking variance was granted by the Zoning Board of Appeals on December 12, 2023 for the size of the proposed spaces.

(6) A variance was granted by the Zoning Board of Appeals on December 12, 2023 for exceeding the maximum 6% grade permitted within 25 feet of the street line.

LEGEND

EXISTING PROPERTY LINE
EXISTING PROPERTY LINE TO BE EXTINGUISHED
EXISTING BUILDING
EXISTING BUILDING TO BE REMOVED
EXISTING STONE & MASONRY RETAINING WALL
EXISTING CONCRETE CURB
EXISTING RETAINING WALL
PRELIMINARY FEMA 100-YEAR FLOODPLAIN
EXISTING HUDSON RIVER FLOOD IMPACT FLOODPLAIN
EXISTING 50' VILLAGE REGULATED WATERCOURSE BUFFER
EXISTING 25' VILLAGE REGULATED WATERCOURSE BUFFER PER §270-28F
EXISTING WATERCOURSE
EXISTING TREELINE
EXISTING CROSSWALK
EXISTING FENCE TO BE REMOVED
EXISTING PARKING STRIPING
EXISTING UTILITY POLE
EXISTING UTILITY POLE TO BE REMOVED
EXISTING POST MOUNTED LIGHT
EXISTING OVERHEAD WIRE
EXISTING VILLAGE OF OSSINING SEWER MAIN
EXISTING COUNTY SEWER MAIN
EXISTING UNDERGROUND WATER MAIN
EXISTING SEWER MANHOLE
EXISTING HYDRANT
EXISTING WATER VALVE
EXISTING 5' CONTOUR
EXISTING 1' CONTOUR
EXISTING TREE

GENERAL NOTES:

1. Property line shown hereon is based upon a survey performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed on July 29, 2021.
2. Topography shown hereon is based upon field work conducted by Insite Engineering, Surveying & Landscape Architecture, P.C., completed October 2023 and aerial photography dated December 7, 2017 which is photogrammetrically compiled. Elevations shown hereon conform to the North American Vertical Datum of 1988 (NAVD 88). The contour interval is 1'.
3. Planimetric details shown hereon were derived from Aerial Photography dated December 7, 2017 by GEO Maps International and field work performed by Insite Engineering, Surveying & Landscape Architecture, P.C. completed July 2021, February & March 2022, and October 2023.
4. Offsite property lines based on Westchester County GIS, aerial pictometry, and municipal tax mapping.
5. Floodplain elevations and Hudson River Flood Impact Zone shown hereon taken from Scenic Hudson, NYS Flood Impact Decision Support System (FIDSS), and the Flood Emergency Management Agency (FEMA).
6. 11 parking spaces are proposed to be eliminated along Central Avenue.
7. All retaining walls are to be designed by a NYS Licensed Professional Engineer prior to issuance of a building permit and the construction of the retaining walls are to be certified by the Design Professional prior to issuance of the certificate of occupancy.

REMOVAL NOTES

1. Prior to submitting the bid, the contractor shall visit the site and familiarize themselves with the site conditions and existing improvements to be removed.
2. The contractor shall provide all removals incidental and necessary to execute the work prescribed in the contract documents. All existing items specified to be removed shall be removed in their entirety unless otherwise authorized in writing by the owner or the project engineer.
3. These drawings are intended to show an overall Limit of Disturbance and general features to be removed. Not all features incidental to the general scope of the site work have been shown to be removed. The contractor shall be responsible for all removals within the limits of both above and below grade features, necessary for the construction of the site improvements shown hereon.
4. Refer to construction sequence prepared by owner for sequence of utility removal and replacement.
5. All underground utility piping (water, sewer, drainage conduits) shall be capped and abandoned in place. All abandoned pipes left in place shall be filled with controlled low strength material (CLSM) sealing both ends. Any exposed utility piping shall be cut and removed such that a minimum of 1' of soil cover is maintained on all pipes that are to be capped and abandoned in place.
6. All building materials shall be demolished and removed from the site.
7. Burying of any demolished building materials on site is prohibited. Building foundations may be crushed and abandoned, filled in and restored in accordance with the project specifications.
8. For any below grade slab or bottom of tank that is to be demolished and abandoned in place, the concrete shall be pulverized so that there are no pieces of concrete remaining that are larger than 3 ft in.
9. Remove existing electrical wiring and conduit back to the source panel.
10. Refer to the Project Specifications for hazardous material disposal.

EXCAVATION NOTES:

1. All pavement to be saw cut to its full depth by the contractor prior to excavation.
2. The Contractor shall provide sheeting, shoring, a benched excavation, or a sloped excavation for all excavations 5.0 feet or greater in depth.
3. All sheeting and shoring protective systems used for excavation shall be designed and stamped by a NYS licensed Professional Engineer.
4. Where construction crosses or is adjacent to existing utility lines (fuel, water, gas, telephone, electric or communication), the contractor shall carefully hand excavate so as to locate, mark and protect the utility lines against disturbance or damage by providing adequate support and protection as approved by the Engineer. The contractor shall repair any power or communication interruption immediately, at no additional cost to the owner.
5. Trench excavation outside of temporary construction fence is to be backfilled on the same day as excavation. Temporary orange construction fence is required around these work areas for on going work.
6. All utility trenching in and adjacent to roadways shall be backfilled prior to the end of the work day, unless otherwise authorized by the Engineer. Item 4 shall be temporarily brought to the surface of the utility trench flush with the adjacent pavement and maintained until the final pavement is installed. Road plates, if used, shall be designed to meet H25 loading requirements.
7. Excavations needing to be open greater than a single day on the property shall have 6' temporary chain link fence installed overnight or when no work is being performed at the location. Temporary orange construction fence shall be in place when work is being performed.

WINTER SITE STABILIZATION NOTES:

1. All bare / exposed soils must be stabilized by an established vegetation, straw or mulch, matting, or other approved product such as rolled erosion control product.
2. Sediment barriers must be properly installed at all necessary perimeter and sensitive locations.
3. All slopes and grades must be properly stabilized with approved methods. Rolled erosion control products must be used on all slopes greater than 3:1, or where conditions for erosion dictate such measures.
4. Stockpiled soils must be protected by the use of established vegetation, an anchored-down straw or mulch, rolled erosion control product or other durable covering. A barrier must be installed around the pile to prevent erosion away from that location.
5. All entrance / exit locations to the site must be properly stabilized and must be maintained to accommodate snow management as set forth in the NYS Standard and Specifications for Erosion and Sediment Control.
6. Snow management must not destroy or degrade erosion and sediment control devices.

UTILITY NOTES:

1. The locations of existing utilities, water, sewers, and drainage structures have been indicated based on the best available information. It is possible that the actual subsurface utilities and piping may vary from that indicated. Therefore, prior to starting work in any area, the contractor shall take the necessary steps to determine the locations of all existing underground piping, conduit and structures. The contractor shall carry out their operations in such a manner as to prevent interference with lines which are to remain. Any pipe or conduit disturbed in the course of contract shall be repaired by the contractor at no extra cost to the owner.
2. Existing utility locations, sizes and elevations to be verified by contractor prior to the start of construction and any discrepancies reported to the project engineer immediately.
3. Whenever a connection to an existing pipe or structure is shown, the contractor shall confirm existing pipe materials at construction, dimensions, and connection requirement prior to submitting materials for approval.
4. When structures are to be placed on existing utility lines or where the proposed utility lines are assume to cross existing utilities, the contractor shall locate the existing utility and shall verify its existing invert elevation. The contractor shall notify the engineer if different utility invert elevations or locations are revealed by field exploration.
5. Where interference with other utilities or construction are encountered during construction of new utility lines, the contractor may adjust the alignment or invert elevations of that system only at the direction of the project engineer.
6. All existing utilities shall be removed to the main unless otherwise permitted by the utility service provider.
7. It shall be the contractor's responsibility to locate all overhead wires and utility poles, if any, in the vicinity of the proposed work. The contractor shall locate the existing utility and shall verify its existing invert elevation. The contractor shall notify the engineer if different utility invert elevations or locations are revealed by field exploration.
8. The contractor shall exercise extreme caution when working adjacent to active power and communication lines to prevent damage to these lines. The contractor shall hand excavate test pits to expose those lines prior to performing any other excavation work in the area. The contractor shall repair at their expense, any power or communication interruption immediately.
9. Should any utility poles require bracing or relocating to accomplish the proposed work, it shall be the contractor's responsibility to make the appropriate arrangements to properly secure or relocate such utility poles. The contractor will not receive any additional payment for utility pole bracing or relocating. The contractor must include any costs for such work within their bid submittal.
10. The location of the proposed electric and gas service lines for the property are approximate and subject to the utility company design. The contractor shall coordinate with the owner and utility service provider(s) to determine the location of the site's electric and gas service connections. The contractor shall be responsible for obtaining all required permits necessary for the installation of utility connections, and shall provide electric service lines to each light in accordance with the owner's directions, manufacturer's specifications, and applicable electric code.
11. The gas, electric and communication utilities shall be installed in accordance with the utility provider specifications including but not limited to providing the proper bedding, cover, and detectable warning tape / wire.
12. All sewer manhole pipe penetrations shall be provided with a waterproof rubber boot and gasket.
13. Fax cuts and fills are proposed over existing utilities. Site contractor shall protect all utilities whether shown or not shown during earthwork operations. Site contractor shall lower existing utilities as required to maintain adequate cover and adjust access and covers for existing structures to proposed grade.
14. Site contractor shall be responsible for trenching and backfill of electrical (including lighting) and communication conduits, including bedding materials. See electrical drawings for trench details. Electrical contractor shall be responsible for installation of conduit and wiring. Site contractor shall be responsible for setting light pole bases. Electrical contractor shall be responsible for setting light poles, conduit and wiring. Site contractor shall be responsible for installation of transformer pads. Electrical contractor shall be responsible for installation of conduits, transformers and wiring.
15. The location of the existing gas main internal to the site, running parallel with Water Street shown on this drawing is shown as approximate based on utility markout by others. Said gas main is proposed to be removed and relocated off site by the utility service provider. The new location of the gas main is unknown and currently not shown on any site plans prepared by Insite Engineering, Surveying, and Landscape Architecture, P.C.

CONSTRUCTION NOTES:

1. The contractor is advised that additional notes will be found on subsequent drawings and such notes, while pertaining to the specific drawings they are placed in, also supplement the construction notes listed hereon.
2. All work and materials shall be in accordance with these plans and project specifications.
3. The contractor shall notify the Engineer 72 hours prior to start of work.
4. The subject project has coverage under the New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity, permit No. GP-0-20-001. As required by the permit all contractors and subcontractors will be required to sign a certification statement that they understand and agree to comply with the requirements of GP-0-20-001.
5. The contractor shall have a representative onsite that is a NYSDEC Trained Contractor at all times site work is being performed under this contract. The contractor shall provide a contractor's certification as contained in the NYSDEC Construction Site Logbook to the project engineer upon start of construction.
6. The contractor shall coordinate the layout of the work with the owner, and the project engineer, and eliminate all conflicts including but not limited to utility location conflicts, prior to commencement of any proposed work.
7. The contractor shall coordinate their construction operations with the project engineer and any other contractors/subcontractors and construction activities occurring simultaneously on the property.
8. It shall be the contractor's/subcontractor's responsibility to provide sanitary facilities (i.e. porto-john (and other necessary temporary facilities) throughout the duration of construction.
9. The contractor shall be responsible for providing all power, water, and other resources necessary to complete the project work.
10. Minimum OSHA site standards must be maintained including personal protective equipment and vests. The contractor shall be responsible for guarding and protecting all open excavations in accordance with the latest edition and current OSHA requirements.
11. The contractor shall field verify all dimensions relative to the scope of work.
12. The contractor shall stake out the limits of clearing and it shall be reviewed with the project engineer prior to the start of clearing operations. Existing trees to remain outside the limits of clearing shall be protected per the detail.
13. It shall be the contractor's responsibility to identify and protect all underground utilities. The contractor shall contact Dig Safely New York at 811 or 1-800-962-7962 and any other required utility locators prior to the start of construction.
14. The exact location, size, and type of the existing utilities may differ from what is shown hereon. The contractor shall field verify the location, size and type of the existing utilities by performing a test pit ahead of construction as necessary to permit revisions to meet existing utilities or relocate proposed utilities as required. Horizontal location and elevation of the existing utility as determined by test pit shall be provided to the project engineer.
15. The contractor shall field verify the existing grades / utility locations prior to commencement of any work. Any discrepancy shall be reported to the project engineer when identified.
16. The contractor shall perform all work with care so that any materials which are to remain in place, or which are to remain on the property, shall not be damaged. The contractor will be held responsible for all damage caused to existing utilities / features / facilities / vegetation during execution of the work not proposed to be modified or removed by these plans. All damage to any existing utilities / features / facilities / vegetation not proposed to be modified by the contract shall be repaired or replaced by the contractor to the satisfaction of the owner at no additional cost.
17. Original condition shall mean the condition in which the feature was found (or better) at the start of construction.
18. The contractor shall be responsible for the implementation and maintenance of erosion and sediment controls (shown or not) as necessary to prevent erosion and migration of sediment outside of the contract limit line or into the municipal storm sewer system. Erosion and sediment controls may include but are not limited to silt fence, stabilized construction entrance, berms and inlet protection. All erosion and sediment controls shall be installed in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. Additional erosion and sediment controls may be required during construction by the project engineer. All disturbed areas shall be stabilized in accordance with the Erosion & Sediment Control Notes and details.
19. Silt fence shall be installed parallel to the contours.
20. Contractor is responsible for protecting soil stockpiles, trenches, and building excavations against weather. No additional fee will be paid to the contractor for removal and replacement of suitable soils due to degradation from weather related events.
21. During execution of the work, the contractor shall be responsible for dewatering and control of surface water in accordance with the New York State Standards and Specifications for Erosion and Sediment Control. The New York State Standards and Specifications for Erosion and Sediment Control can be found at http://www.dec.ny.gov/chemical/29066.html.
22. All existing pavement shall be cleaned and swept prior to the completion of construction.
23. The contractor shall provide temporary construction fence for all work areas including the material storage/staging areas.
24. All personal vehicles, materials, and construction equipment must be kept within the construction staging area. Use of additional onsite storage areas must be pre-authorized by the owner of the property.
25. Trees shown on the plans for reference only. All trees and vegetation within the contract limit line shall be removed unless otherwise labeled to be protected and saved. Not all trees to be removed may be shown.
26. Topsoil and subsoil shall be stripped, screened, and stockpiled in locations shown for future use. The contractor must keep enough topsoil onsite for final restoration. Four inches of screened topsoil shall be placed and raked to finish grade over all disturbed areas not covered by pavement, concrete and/or gravel surfaces, unless otherwise noted.
27. The contractor shall maintain existing grades unless otherwise noted.
28. Contractor shall be responsible for removal of all excess rock, topsoil, subsoil, and construction debris from the site.
29. There shall be no burying of construction and demolition (C&D) debris or stumps on site. All C&D debris and stumps must be removed by the contractor, and disposed of in accordance with all pertinent regulations.
30. All proposed concrete drainage structures shall be precast concrete and all structures, frames, and grates are to meet H-20 loading requirements.
31. Design Engineer to approve locations and elevations of all structures prior to placement.
32. Where side drain inlets are proposed the Contractor shall extend the upstream swale to the side inlet of the drainage structure.
33. Unless otherwise shown on the drawings the contractor shall match the material, thickness and quality of all existing pavements that are to be replaced.
34. Temporary asphalt wedges shall be placed in all areas open to vehicular access. The wedges shall be installed between any sudden abrupt grade changes in excess of 1" as a result of construction. All temporary wedges shall be removed prior to placement of asphalt course.
35. The contractor will be responsible for the implementation of all maintenance and protection of traffic (MPT) measures if necessary. MP&T shall include but not be limited to placement of traffic cones and warning signs around work zone. Safe and adequate pedestrian vehicular traffic flow shall be maintained at all times to the existing buildings, while the work is in progress. The contractor shall submit for approval of the architect, a construction sequence schedule and plan for pedestrian and vehicular traffic flow.
36. A retaining wall design signed and sealed by a NYS licensed Engineer shall be submitted to the Consulting Town Engineer prior to the construction of any wall greater than 4 feet in height.
37. For work/improvements within Village of Ossining right-of-way, should a discrepancy come up between what is specified herein and the Village of Ossining standards, the Village standard/standard details will control.

PARKING REQUIREMENTS:

Required – Residential		
1 parking space per 1 bedroom unit	40 units x 1.0 =	40 spaces
1.5 parking spaces per 2 bedroom unit	60 units x 1.5 =	90 spaces
1.5 parking spaces per 3 bedroom unit	9 units x 1.5 =	13.5 spaces
		144 spaces
Required – Retail		
1 parking space per 350 s.f.	3,170 s.f. / 350 =	10 spaces
Total Parking Spaces Required:		154 spaces
Total Parking Spaces Provided:		154 spaces

1. A parking allocation for the community space is not provided as it is accommodated in the 1st level of the parking structure.
2. The total parking provided above (154 spaces) does not include level four of the parking structure or on street parking spaces.

GRAPHIC SCALE
0 15 30 60
(IN FEET)
1 inch = 30 ft.

NO.	DATE	REVISION	BY
7	8-5-24	REVISED FOR ACOE SUBMISSION	TSM
6	7-31-24	REVISED FOR VILLAGE PLANNING / BAR SUBMISSION	MEU
5	7-25-24	BULLETIN 01	MEU
4	5-22-24	REVISED FOR WCDOH SUBMISSION	TSM
3	4-5-24	100% CONSTRUCTION DOCUMENTS	TSM
2	4-5-24	ISSUED FOR PERMIT REVISION	TSM
1	3-5-24	ISSUED FOR 70% CDs	TSM

INSITE
ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.
3 Garrett Place
Carmel, NY 10512
(845) 225-9690
(845) 225-9717 fax
www.insite-eng.com

PROJECT:
WBP/OSSINING DPW
STATION PLAZA
30 WATER STREET, VILLAGE OF OSSINING, WESTCHESTER COUNTY, N.Y.

DRAWING:
EXISTING CONDITIONS

PROJECT NUMBER	20190.100	PROJECT MANAGER	R.D.W.
DATE	3-5-24	DRAWN BY	E.R.A.
SCALE	1" = 30'	CHECKED BY	D.L.M.

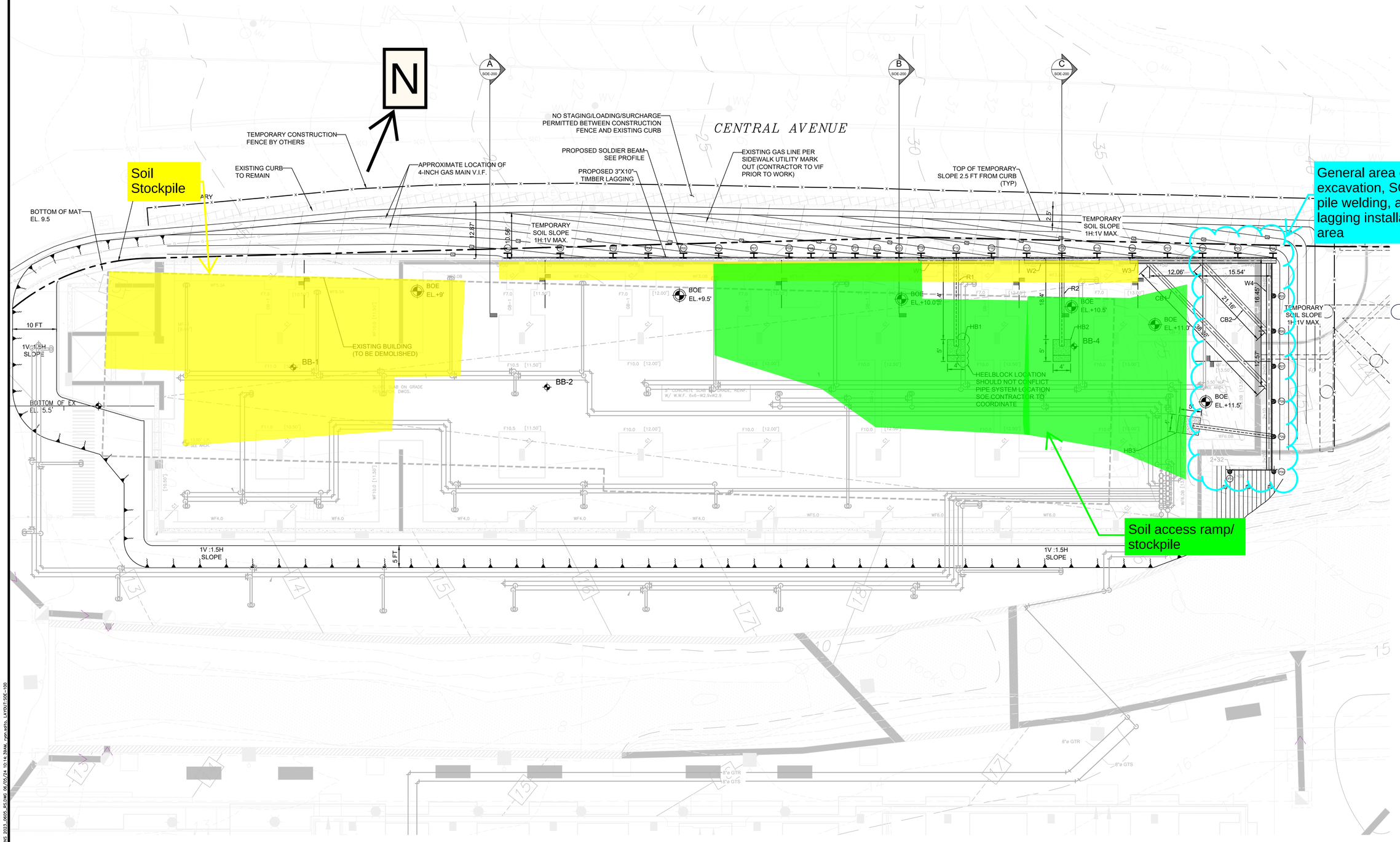
DRAWING NO. EX-1 SHEET 1 / 13

STATE OF NEW YORK RICHARD D. WILLIAMS JR. 035868 LICENSED PROFESSIONAL ENGINEER

ALTERATION OF THIS DOCUMENT, UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE EDUCATION LAW.

Z:\E\20190\000 - WBP-Ossining DPW\20 EX-1.dwg, 8/2/2024 12:49:24 AM, Insite, 1:1

Attachment C – SOE and Drilled Pile Plan



SITE PLAN

Scale: 1"= 10'

0 5 10 20 30 40

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This drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by any method, without written permission of SESI CONSULTING ENGINEERS.

N:\CAD\11498\CAD\SOE (NEW)\11498 SNE SOE PLANS 2023_0605_R3.DWG 06/05/24 10:14:39AM ryan.sotto, LAYOUT SOE-100

rev	date	description	by

drawn by: AGB
chk by: AGB
scale: AS NOTED
date: 06/05/2024

Cert of Auth #24GA27934700
SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

JOSE M. RODRIGUEZ, P.E.
PROFESSIONAL ENGINEER
N.Y. LIC. NO. 095960

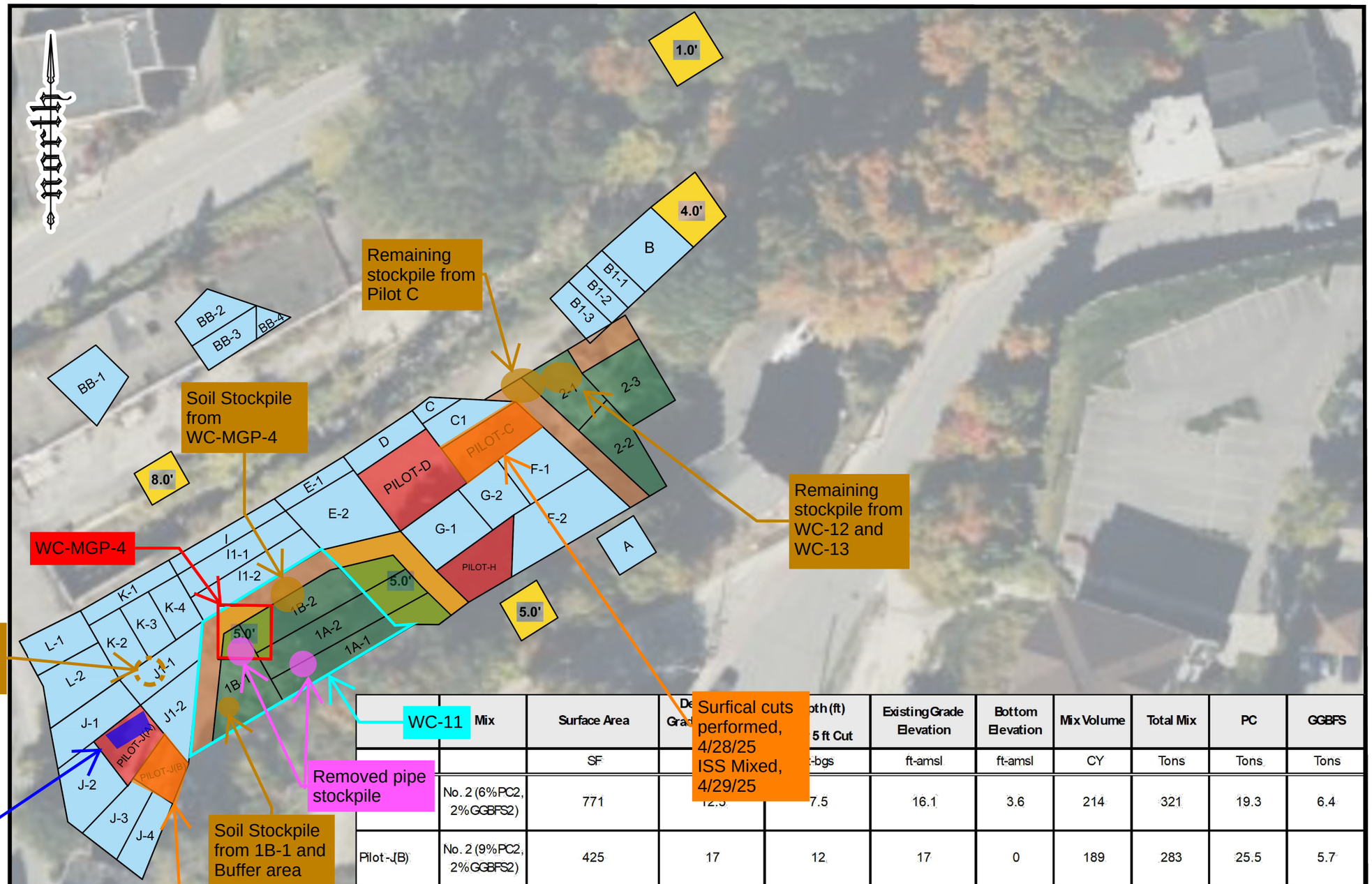
PROPOSED DEVELOPMENT
OSSINING DPW SITE
OSSINING, NY

title: SUPPORT OF EXCAVATION PLAN

job no. 11498
drawing no.

SOE-100

Attachment D – Cell Layout Plan



	Mix	Surface Area	De Grad	oth (ft) 5 ft Cut	Existing Grade Elevation	Bottom Elevation	Mix Volume	Total Mix	PC	GGBFS
		SF		-bgs	ft-amsl	ft-amsl	CY	Tons	Tons	Tons
	No. 2 (6%PC2, 2%GGBFS2)	771	12.5	7.5	16.1	3.6	214	321	19.3	6.4
Pilot-J(B)	No. 2 (9%PC2, 2%GGBFS2)	425	17	12	17	0	189	283	25.5	5.7

3417 SUNSET AVENUE
PHONE: (732)659-1000
www.renovaenviro.com

LEGEND:

PILOT MIX AREA | ISS MIX AREA | 10' BUFFER

STRUCTURAL MIX AREA | EXCAVATION ONLY AREA

SCALE IN FEET
0 60 120

CELL LAYOUT

30 WATER STREET
OSSINING, NEW YORK

FIGURE X

DATE: 4/22/2025

DRAWN BY: BI

dwg by: AW
chk by: FD
scale: AS NOTED
date: 04/21/2025

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

project: 30 WATER STREET OSSINING, NY

title: PILOT PLAN - 2

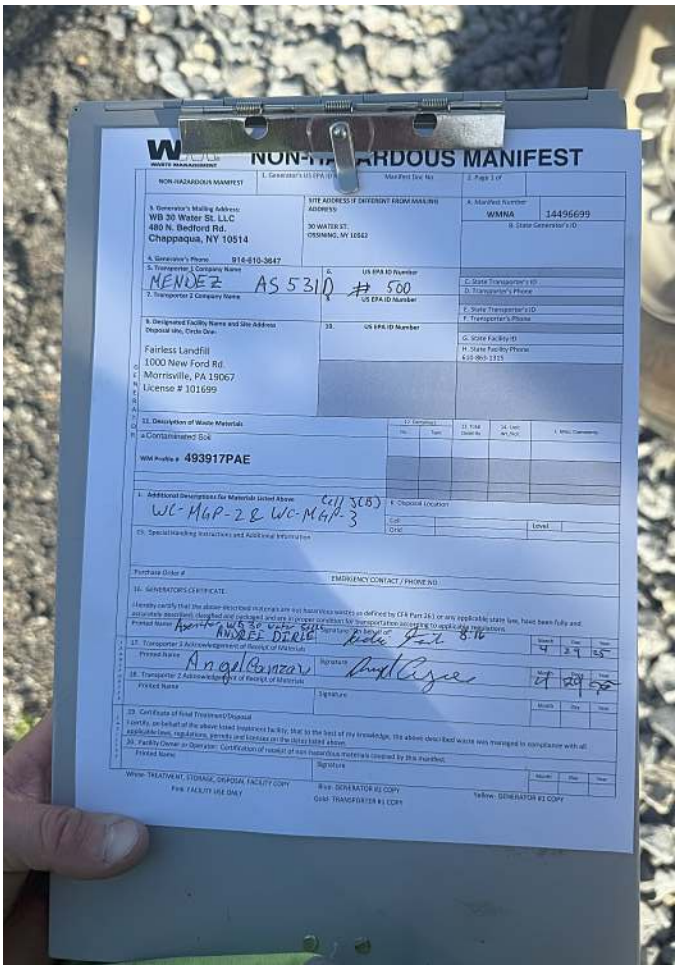
job no: 11498
drawing no:

FIG-1

1 of 1

N:\ACAD\11498\CAD\11498_PILOT_S...2 [4-21-25].DWG 04/...25AM, pinnacle, LAYOUT:PILOT

Attachment E – Manifests



NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

1. Generator's US EPA ID No. | Manifest Doc No. | 2. Page 1 of

3. Generator's Mailing Address: WB 30 Water St. LLC, 480 N. Bedford Rd., Chappaqua, NY 10514

SITE ADDRESS IF DIFFERENT FROM MAILING ADDRESS: 30 WATER ST. OSSINING, NY 10562

A. Manifest Number: WMNA 14496699

B. State Generator's ID

4. Generator's Phone: 914-610-3647

5. Transporter 1 Company Name: MENDEZ AS 5310 | 6. US EPA ID Number: # 500 | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address, Disposal site, Circle One:
Fairless Landfill
1000 New Ford Rd.
Morrisville, PA 19067
License # 101699

10. US EPA ID Number | G. State Facility ID | H. State Facility Phone: 610-863-1315

11. Description of Waste Materials
a Contaminated Soil
WM Profile # 493917PAE

12. Containers: No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments

J. Additional Descriptions for Materials Listed Above: WC-MGP-2 & WC-MGP-3 (Cell 3CB) | K. Disposal Location: Cell | Grid | Level

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.:

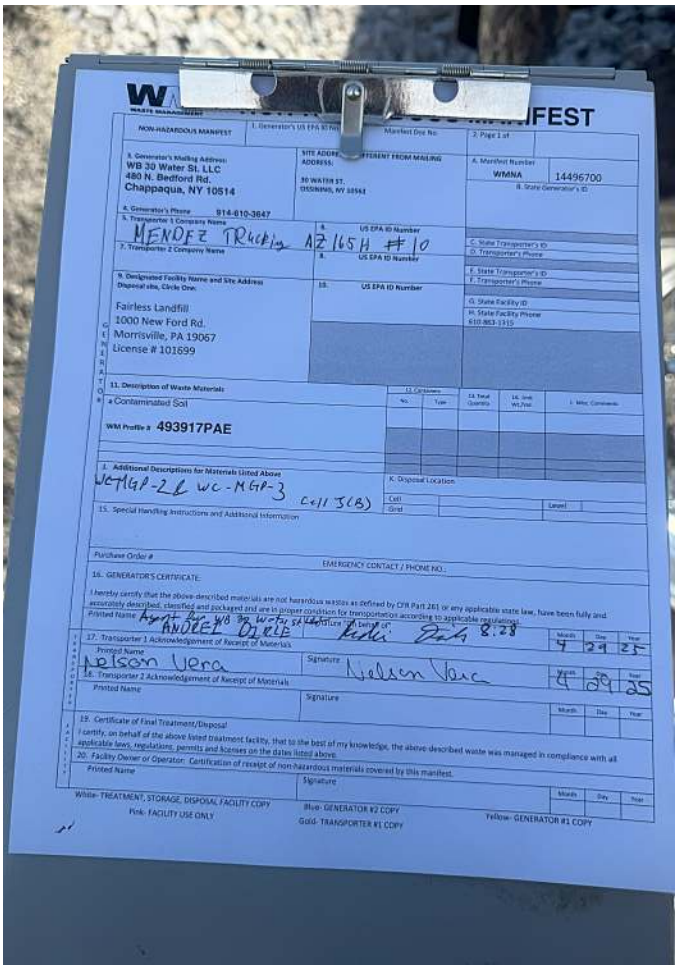
16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.
Printed Name: ANDREE DIEIE | Signature: On behalf of: WB 30 Water St. LLC | Month: 4 | Day: 29 | Year: 25

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Name: Angel Ganzon | Signature | Month: 4 | Day: 29 | Year: 25

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Name | Signature | Month | Day | Year

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed Name | Signature | Month | Day | Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

1. Generator's US EPA ID No. | Manifest Doc No. | 2. Page 1 of

3. Generator's Mailing Address: WB 30 Water St. LLC, 480 N. Bedford Rd., Chappaqua, NY 10514

SITE ADDRESS IS DIFFERENT FROM MAILING ADDRESS: 30 WATER ST. OSSINING, NY 10562

A. Manifest Number: WMNA 14496700

B. State Generator's ID

4. Generator's Phone: 914-610-3647

5. Transporter 1 Company Name: MENDEZ TRUCKING | 6. US EPA ID Number: AZ 165H # 10 | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address, Disposal site, Circle One:
Fairless Landfill
1000 New Ford Rd.
Morrisville, PA 19067
License # 101699

10. US EPA ID Number | G. State Facility ID | H. State Facility Phone: 610-863-1315

11. Description of Waste Materials
a Contaminated Soil
WM Profile # 493917PAE

12. Containers: No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments

J. Additional Descriptions for Materials Listed Above: WC-MGP-2 & WC-MGP-3 (Cell 3CB) | K. Disposal Location: Cell | Grid | Level

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.
Printed Name: ANDREE DIEIE | Signature | On behalf of: WB 30 Water St. LLC | Month: 4 | Day: 29 | Year: 25

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Name: Nelson Vera | Signature | Month: 4 | Day: 29 | Year: 25

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Name | Signature | Month | Day | Year

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed Name | Signature | Month | Day | Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

1. Generator's US EPA ID No. | Manifest Doc No. | 2. Page 1 of

3. Generator's Mailing Address: WB 30 Water St. LLC, 480 N. Bedford Rd., Chappaqua, NY 10514

SITE ADDRESS IS DIFFERENT FROM MAILING ADDRESS: 30 WATER ST. OSSINING, NY 10562

A. Manifest Number: WMNA 14496698

B. State Generator's ID

4. Generator's Phone: 914-610-3647

5. Transporter 1 Company Name: MENDEZ TRUCKING | 6. US EPA ID Number: AZ 835G #96 | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address, Disposal site, Circle One:
Fairless Landfill
1000 New Ford Rd.
Morrisville, PA 19067
License # 101699

10. US EPA ID Number | G. State Facility ID | H. State Facility Phone: 610-863-1315

11. Description of Waste Materials
a Contaminated Soil
WM Profile # 493917PAE

12. Containers: No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments

J. Additional Descriptions for Materials Listed Above: WC-MGP-7 (cell-C) | K. Disposal Location: Cell | Grid | Level

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.
Printed Name: ANDREE DIEIE | Signature | On behalf of: WB 30 Water St. LLC | Month: 4 | Day: 29 | Year: 25

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Name: ESTEBAN ALEXOS | Signature | Month: 4 | Day: 29 | Year: 25

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Name | Signature | Month | Day | Year

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed Name | Signature | Month | Day | Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY



NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

1. Generator's US EPA ID No. | Manifest Doc No. | 2. Page 1 of

3. Generator's Mailing Address: WB 30 Water St. LLC, 480 N. Bedford Rd., Chappaqua, NY 10514

SITE ADDRESS IS DIFFERENT FROM MAILING ADDRESS: 30 WATER ST. OSSINING, NY 10562

A. Manifest Number: WMNA 14496705

B. State Generator's ID

4. Generator's Phone: 914-610-3647

5. Transporter 1 Company Name: MENDEZ TRUCKING | 6. US EPA ID Number: AZ 166H # 20 | C. State Transporter's ID | D. Transporter's Phone

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility Name and Site Address, Disposal site, Circle One:
Fairless Landfill
1000 New Ford Rd.
Morrisville, PA 19067
License # 101699

10. US EPA ID Number | G. State Facility ID | H. State Facility Phone: 610-863-1315

11. Description of Waste Materials
a Contaminated Soil
WM Profile # 493917PAE

12. Containers: No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments

J. Additional Descriptions for Materials Listed Above: WC-MGP-7 (P. 1 of C) | K. Disposal Location: Cell | Grid | Level

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.:

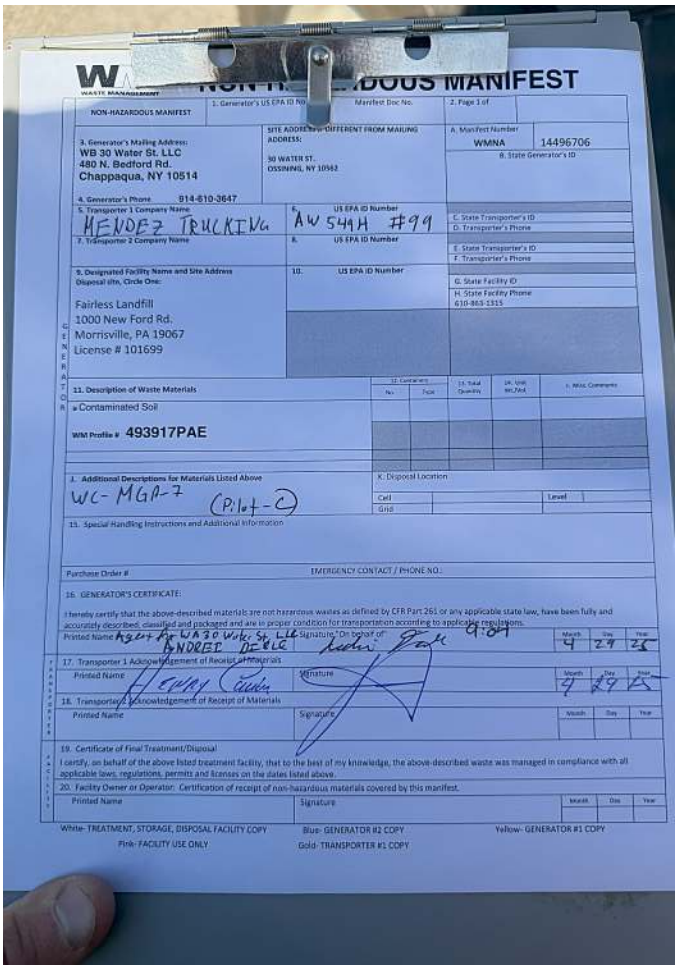
16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.
Printed Name: ANDREE DIEIE | Signature | On behalf of: WB 30 Water St. LLC | Month: 4 | Day: 29 | Year: 25

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Name: Mesias | Signature | Month: 4 | Day: 29 | Year: 25

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Name | Signature | Month | Day | Year

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed Name | Signature | Month | Day | Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blue- GENERATOR #2 COPY | Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY | Gold- TRANSPORTER #1 COPY



WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. | Manifest Doc No. | 2. Page 1 of

3. Generator's Mailing Address:
WB 30 Water St. LLC
480 N. Bedford Rd.
Chappaqua, NY 10514

4. Generator's Phone 914-610-3647

SITE ADDRESS IF DIFFERENT FROM MAILING ADDRESS:
30 WATER ST.
OSSINING, NY 10562

A. Manifest Number
WMNA 14496706

B. State Generator's ID

5. Transporter 1 Company Name: HENDEZ TRUCKING

6. US EPA ID Number: AW 549H #99

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Disposal site, Circle One:

Fairless Landfill
1000 New Ford Rd.
Morrisville, PA 19067
License # 101699

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone
610-863-1315

CENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a Contaminated Soil WM Profile # 493917PAE					

J. Additional Descriptions for Materials Listed Above
WC-MGP-7 (Pilot-C)

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name: Agent for WB30 Water St. LLC ANDREW DEKLE | Signature: On behalf of | 9:04 | Month: 4 | Day: 29 | Year: 25

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Name | Signature | Month: 4 | Day: 29 | Year: 25

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Name | Signature | Month | Day | Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed Name | Signature | Month | Day | Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Attachment F – CAMP Data

SESI CONSULTING ENGINEERS

959 US-46 Floor 3, Suite 300 - Parsippany-Troy Hills, NJ

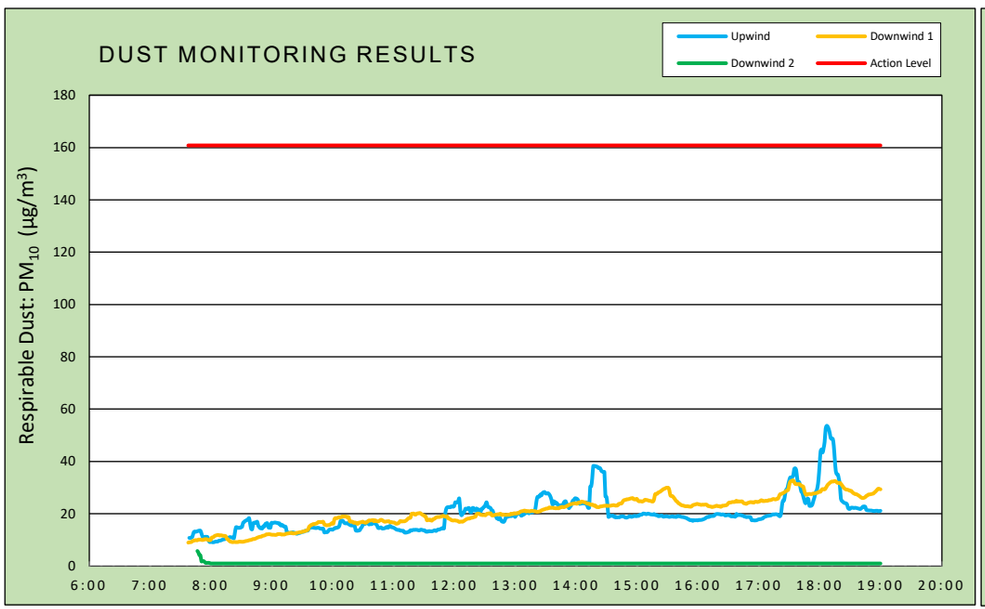
DAILY AIR MONITORING REPORT
30 Water Street
Ossining, New York

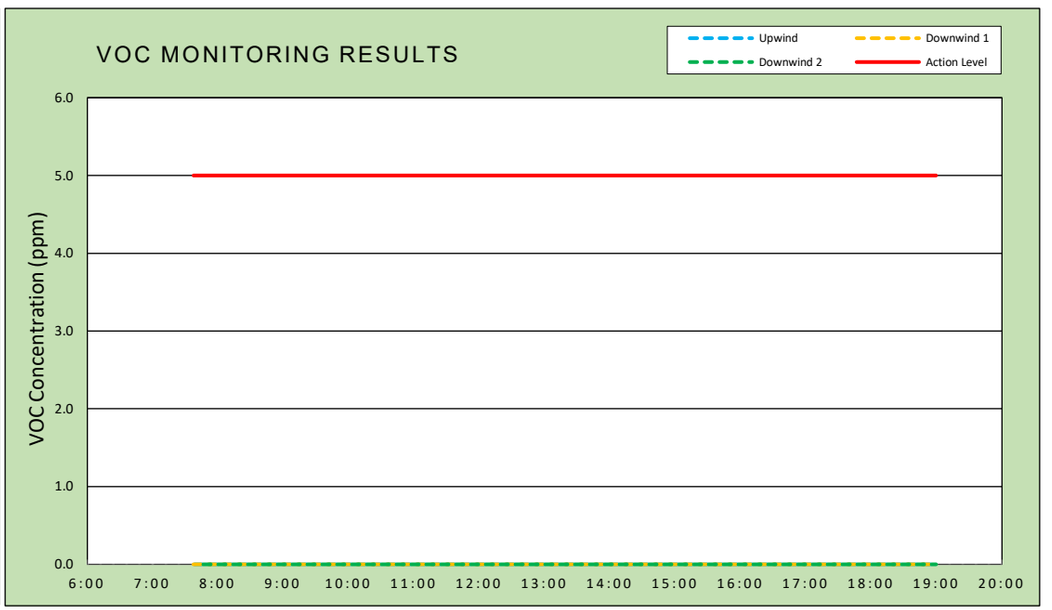
04/29/2025

Rev. No. 0	Page 1 of 2
Project Number: 11498 Phase 32	
Dust Action Level	160.8 µg/m^3
VOC Action Level	5.0 ppm

Weather Data Range for Work Day		Wind Direction	SSW	Relative Humidity (%)	33.0 - 81.0	Daily Rain Total (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	47.0 - 80.0	Wind Speed (MPH)	1.9 - 9.2	Barometer (inHg)	30.00 - 30.20	Avg. Dew Point Temp (°F)	44.8	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	20.5	53.6	18:07	0.0	0.0	7:39
Downwind 1	22.1	33.7	19:57	0.0	0.0	7:38
Downwind 2	1.1	5.8	7:47	0.0	0.0	7:47



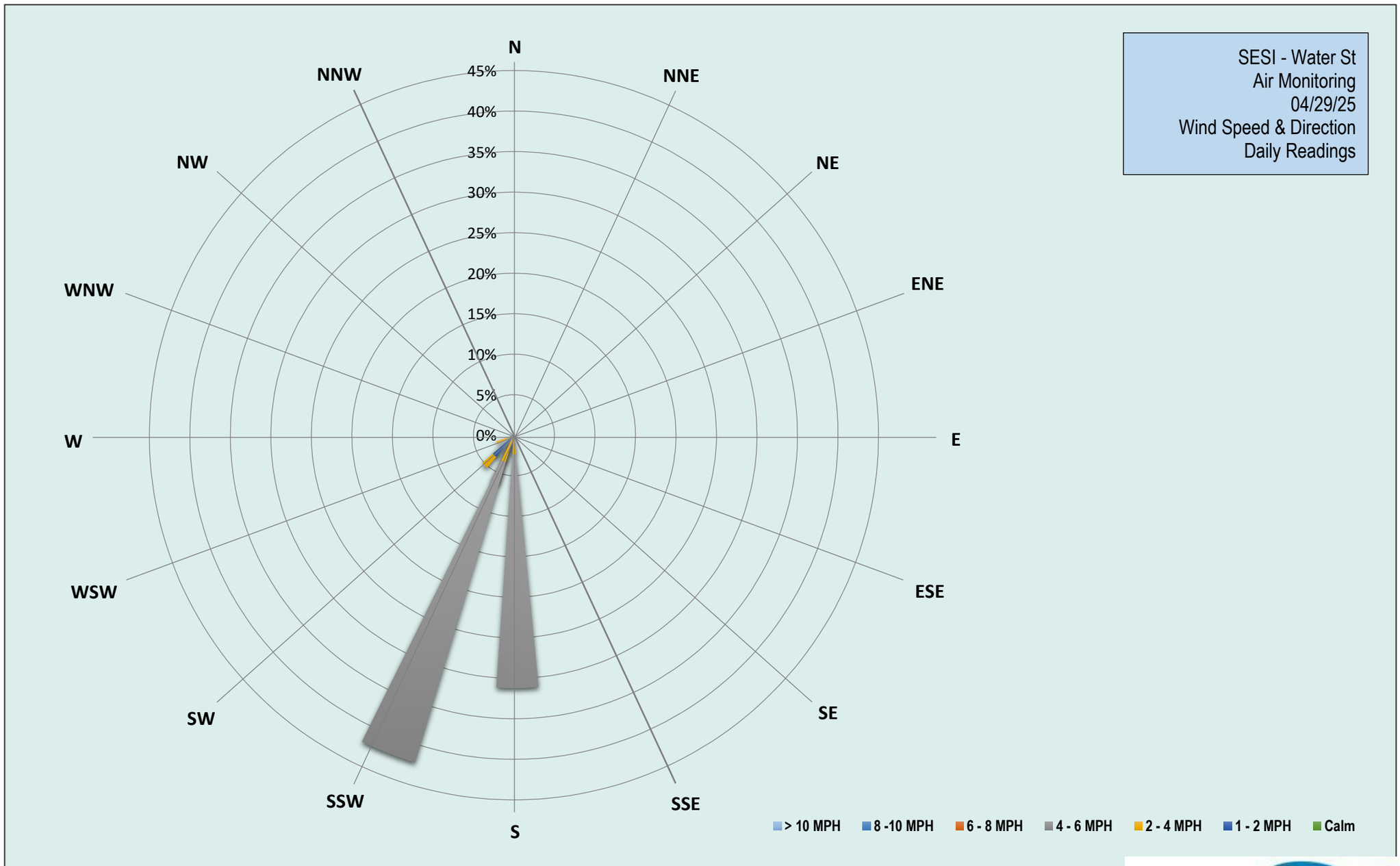


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

Tuesday, April 29, 2025									
							Number of Instances Where Downwind Particulates Exceeds 160.8 =		0
							Number of Comparable Data Points =		850
							Start Time:		7:23
							End Time:		21:48
PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
7:23	-	-	7:23	0.0	-	7:23	-	-	-
7:24	7.0	-	7:24	6.5	-	7:24	-	-	-
7:25	8.3	-	7:25	8.8	-	7:25	-	-	-
7:26	7.3	-	7:26	7.8	-	7:26	-	-	-
7:27	7.0	-	7:27	8.8	-	7:27	-	-	-
7:28	8.0	-	7:28	9.8	-	7:28	-	-	-
7:29	8.5	-	7:29	8.5	-	7:29	-	-	-
7:30	10.5	-	7:30	9.3	-	7:30	-	-	-
7:31	8.0	-	7:31	11.0	-	7:31	-	-	-
7:32	8.3	-	7:32	10.3	-	7:32	0.0	-	-
7:33	7.0	-	7:33	8.5	-	7:33	10.3	-	-
7:34	7.8	-	7:34	9.0	-	7:34	16.0	-	-
7:35	8.3	-	7:35	8.8	-	7:35	2.3	-	-
7:36	26.0	-	7:36	10.3	-	7:36	34.8	-	-
7:37	26.3	-	7:37	9.0	-	7:37	0.5	-	-
7:38	12.5	-	7:38	8.8	9.0	7:38	0.0	-	-
7:39	8.5	10.8	7:39	8.3	9.1	7:39	5.3	-	-
7:40	7.3	10.7	7:40	9.3	9.1	7:40	7.0	-	-
7:41	10.3	10.9	7:41	8.8	9.2	7:41	1.5	-	-
7:42	10.5	11.2	7:42	12.8	9.5	7:42	0.5	-	-
7:43	28.0	12.5	7:43	13.0	9.7	7:43	1.0	-	-
7:44	19.3	13.2	7:44	9.8	9.8	7:44	2.0	-	-
7:45	9.0	13.1	7:45	11.5	9.9	7:45	3.8	-	-
7:46	9.0	13.2	7:46	10.5	9.9	7:46	1.0	-	-
7:47	10.3	13.3	7:47	9.8	9.9	7:47	1.0	5.8	-
7:48	9.8	13.5	7:48	12.8	10.1	7:48	1.0	5.2	-
7:49	8.5	13.6	7:49	8.8	10.1	7:49	1.0	4.2	-
7:50	8.3	13.6	7:50	9.0	10.1	7:50	1.0	4.1	-
7:51	10.0	12.5	7:51	8.5	10.0	7:51	1.0	1.8	-
7:52	9.0	11.3	7:52	8.5	10.0	7:52	1.0	1.9	-
7:53	9.0	11.1	7:53	9.5	10.0	7:53	1.0	1.9	-
7:54	9.0	11.1	7:54	12.3	10.3	7:54	1.0	1.7	-
7:55	8.5	11.2	7:55	8.3	10.2	7:55	1.0	1.3	-
7:56	9.5	11.2	7:56	9.5	10.3	7:56	1.0	1.2	-
7:57	10.0	11.1	7:57	10.8	10.2	7:57	1.0	1.3	-
7:58	9.0	9.9	7:58	9.3	9.9	7:58	1.0	1.3	-
7:59	9.5	9.2	7:59	10.0	9.9	7:59	1.0	1.2	-
8:00	9.3	9.2	8:00	12.3	10.0	8:00	1.0	1.0	-
8:01	8.8	9.2	8:01	23.5	10.8	8:01	1.0	1.0	-
8:02	8.8	9.1	8:02	12.3	11.0	8:02	1.0	1.0	-
8:03	10.0	9.1	8:03	14.8	11.1	8:03	1.0	1.0	-
8:04	10.0	9.2	8:04	14.8	11.5	8:04	1.0	1.0	-
8:05	10.3	9.4	8:05	11.3	11.7	8:05	1.0	1.0	-
8:06	10.0	9.4	8:06	10.0	11.8	8:06	1.0	1.0	-
8:07	9.5	9.4	8:07	10.3	11.9	8:07	1.0	1.0	-
8:08	13.0	9.7	8:08	9.0	11.9	8:08	1.0	1.0	-
8:09	10.0	9.7	8:09	9.5	11.7	8:09	1.0	1.0	-
8:10	9.8	9.8	8:10	10.0	11.8	8:10	1.0	1.0	-
8:11	11.5	10.0	8:11	8.5	11.7	8:11	1.0	1.0	-
8:12	13.3	10.2	8:12	9.0	11.6	8:12	1.0	1.0	-
8:13	10.3	10.3	8:13	8.8	11.6	8:13	1.0	1.0	-
8:14	10.3	10.3	8:14	9.4	11.5	8:14	1.0	1.0	-
8:15	11.5	10.5	8:15	10.0	11.4	8:15	1.0	1.0	-
8:16	10.5	10.6	8:16	9.3	10.4	8:16	1.0	1.0	-
8:17	11.5	10.8	8:17	9.5	10.3	8:17	1.0	1.0	-
8:18	12.3	10.9	8:18	8.5	9.8	8:18	1.0	1.0	-
8:19	12.8	11.1	8:19	9.0	9.5	8:19	1.0	1.0	-
8:20	9.5	11.0	8:20	9.0	9.3	8:20	1.0	1.0	-
8:21	9.0	11.0	8:21	8.5	9.2	8:21	1.0	1.0	-
8:22	9.0	10.9	8:22	9.5	9.2	8:22	1.0	1.0	-
8:23	8.5	10.6	8:23	10.0	9.2	8:23	1.0	1.0	-
8:24	43.0	12.8	8:24	9.4	9.2	8:24	1.0	1.0	-
8:25	39.5	14.8	8:25	9.3	9.2	8:25	1.0	1.0	-
8:26	12.0	14.9	8:26	8.9	9.2	8:26	1.0	1.0	-
8:27	10.0	14.6	8:27	9.0	9.2	8:27	1.0	1.0	-
8:28	10.3	14.6	8:28	10.9	9.3	8:28	1.0	1.0	-
8:29	10.5	14.7	8:29	9.5	9.3	8:29	1.0	1.0	-
8:30	15.3	14.9	8:30	9.5	9.3	8:30	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
8:31	11.8	15.0	8:31	9.0	9.3	8:31	1.0	1.0	-
8:32	34.5	16.5	8:32	9.5	9.3	8:32	1.0	1.0	-
8:33	17.3	16.9	8:33	9.8	9.4	8:33	1.0	1.0	-
8:34	18.8	17.3	8:34	10.9	9.5	8:34	1.0	1.0	-
8:35	12.3	17.4	8:35	10.4	9.6	8:35	1.0	1.0	-
8:36	13.0	17.7	8:36	9.4	9.7	8:36	1.0	1.0	-
8:37	12.8	18.0	8:37	11.0	9.8	8:37	1.0	1.0	-
8:38	13.8	18.3	8:38	12.4	9.9	8:38	1.0	1.0	-
8:39	10.8	16.2	8:39	10.3	10.0	8:39	1.0	1.0	-
8:40	10.5	14.2	8:40	10.3	10.0	8:40	1.0	1.0	-
8:41	10.3	14.1	8:41	11.5	10.2	8:41	1.0	1.0	-
8:42	44.3	16.4	8:42	11.3	10.4	8:42	1.0	1.0	-
8:43	13.3	16.6	8:43	10.6	10.3	8:43	1.0	1.0	-
8:44	11.8	16.7	8:44	11.6	10.5	8:44	1.0	1.0	-
8:45	12.3	16.5	8:45	12.0	10.7	8:45	1.0	1.0	-
8:46	19.3	17.0	8:46	12.4	10.9	8:46	1.0	1.0	-
8:47	11.5	15.4	8:47	11.5	11.0	8:47	1.0	1.0	-
8:48	10.0	15.0	8:48	11.9	11.2	8:48	1.0	1.0	-
8:49	11.3	14.5	8:49	12.3	11.2	8:49	1.0	1.0	-
8:50	13.0	14.5	8:50	10.5	11.3	8:50	1.0	1.0	-
8:51	11.5	14.4	8:51	13.9	11.6	8:51	1.0	1.0	-
8:52	26.0	15.3	8:52	12.0	11.6	8:52	1.0	1.0	-
8:53	11.3	15.1	8:53	13.8	11.7	8:53	1.0	1.0	-
8:54	26.5	16.2	8:54	12.8	11.9	8:54	1.0	1.0	-
8:55	11.5	16.2	8:55	14.3	12.1	8:55	1.0	1.0	-
8:56	12.5	16.4	8:56	11.4	12.1	8:56	1.0	1.0	-
8:57	20.0	14.8	8:57	12.1	12.2	8:57	1.0	1.0	-
8:58	12.3	14.7	8:58	10.9	12.2	8:58	1.0	1.0	-
8:59	12.0	14.7	8:59	10.3	12.1	8:59	1.0	1.0	-
9:00	39.3	16.5	9:00	10.6	12.0	9:00	1.0	1.0	-
9:01	18.8	16.5	9:01	11.6	12.0	9:01	1.0	1.0	-
9:02	12.3	16.5	9:02	11.6	12.0	9:02	1.0	1.0	-
9:03	11.8	16.7	9:03	11.4	12.0	9:03	1.0	1.0	-
9:04	11.0	16.6	9:04	11.8	11.9	9:04	1.0	1.0	-
9:05	11.5	16.5	9:05	11.5	12.0	9:05	1.0	1.0	-
9:06	11.0	16.5	9:06	17.3	12.2	9:06	1.0	1.0	-
9:07	22.5	16.3	9:07	12.4	12.2	9:07	1.0	1.0	-
9:08	12.0	16.3	9:08	14.1	12.3	9:08	1.0	1.0	-
9:09	14.8	15.5	9:09	12.4	12.2	9:09	1.0	1.0	-
9:10	14.3	15.7	9:10	11.4	12.0	9:10	1.0	1.0	-
9:11	11.3	15.6	9:11	12.3	12.1	9:11	1.0	1.0	-
9:12	13.3	15.2	9:12	11.6	12.1	9:12	1.0	1.0	-
9:13	11.5	15.1	9:13	11.5	12.1	9:13	1.0	1.0	-
9:14	10.8	15.1	9:14	12.6	12.3	9:14	1.0	1.0	-
9:15	11.0	13.2	9:15	12.9	12.4	9:15	1.0	1.0	-
9:16	13.3	12.8	9:16	12.1	12.5	9:16	1.0	1.0	-
9:17	11.0	12.7	9:17	13.1	12.6	9:17	1.0	1.0	-
9:18	11.0	12.7	9:18	12.6	12.6	9:18	1.0	1.0	-
9:19	12.5	12.8	9:19	12.4	12.7	9:19	1.0	1.0	-
9:20	12.0	12.8	9:20	12.8	12.8	9:20	1.0	1.0	-
9:21	12.8	12.9	9:21	13.0	12.5	9:21	1.0	1.0	-
9:22	20.0	12.8	9:22	13.4	12.5	9:22	1.0	1.0	-
9:23	11.5	12.7	9:23	13.8	12.5	9:23	1.0	1.0	-
9:24	11.5	12.5	9:24	12.8	12.5	9:24	1.0	1.0	-
9:25	12.3	12.4	9:25	14.5	12.8	9:25	1.0	1.0	-
9:26	13.0	12.5	9:26	12.4	12.8	9:26	1.0	1.0	-
9:27	15.3	12.6	9:27	13.3	12.9	9:27	1.0	1.0	-
9:28	12.8	12.7	9:28	13.0	13.0	9:28	1.0	1.0	-
9:29	13.0	12.9	9:29	12.6	13.0	9:29	1.0	1.0	-
9:30	13.8	13.0	9:30	14.3	13.1	9:30	1.0	1.0	-
9:31	14.0	13.1	9:31	14.6	13.2	9:31	1.0	1.0	-
9:32	12.5	13.2	9:32	14.1	13.3	9:32	1.0	1.0	-
9:33	15.3	13.5	9:33	14.1	13.4	9:33	1.0	1.0	-
9:34	13.3	13.5	9:34	14.4	13.5	9:34	1.0	1.0	-
9:35	13.0	13.6	9:35	16.0	13.7	9:35	1.0	1.0	-
9:36	13.3	13.6	9:36	14.8	13.9	9:36	1.0	1.0	-
9:37	32.8	14.5	9:37	30.5	15.0	9:37	1.0	1.0	-
9:38	14.8	14.7	9:38	19.0	15.4	9:38	1.0	1.0	-
9:39	12.5	14.8	9:39	18.1	15.7	9:39	1.0	1.0	-
9:40	12.3	14.8	9:40	15.8	15.8	9:40	1.0	1.0	-
9:41	14.0	14.8	9:41	16.5	16.1	9:41	1.0	1.0	-
9:42	12.3	14.6	9:42	13.3	16.1	9:42	1.0	1.0	-
9:43	12.5	14.6	9:43	14.5	16.2	9:43	1.0	1.0	-
9:44	12.0	14.5	9:44	14.3	16.3	9:44	1.0	1.0	-
9:45	15.3	14.6	9:45	16.8	16.4	9:45	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
9:46	14.0	14.6	9:46	20.3	16.8	9:46	1.0	1.0	-
9:47	11.5	14.6	9:47	14.8	16.9	9:47	1.0	1.0	-
9:48	11.8	14.3	9:48	13.5	16.8	9:48	1.0	1.0	-
9:49	12.5	14.3	9:49	15.0	16.9	9:49	1.0	1.0	-
9:50	13.5	14.3	9:50	15.8	16.8	9:50	1.0	1.0	-
9:51	13.3	14.3	9:51	16.3	16.9	9:51	1.0	1.0	-
9:52	11.5	12.9	9:52	16.0	16.0	9:52	1.0	1.0	-
9:53	16.3	13.0	9:53	16.3	15.8	9:53	1.0	1.0	-
9:54	12.5	13.0	9:54	15.3	15.6	9:54	1.0	1.0	-
9:55	12.0	13.0	9:55	16.0	15.6	9:55	1.0	1.0	-
9:56	20.8	13.4	9:56	17.8	15.7	9:56	1.0	1.0	-
9:57	20.0	14.0	9:57	13.4	15.7	9:57	1.0	1.0	-
9:58	13.3	14.0	9:58	18.4	16.0	9:58	1.0	1.0	-
9:59	12.5	14.0	9:59	18.4	16.2	9:59	1.0	1.0	-
10:00	13.0	13.9	10:00	20.6	16.5	10:00	1.0	1.0	-
10:01	17.5	14.1	10:01	16.4	16.2	10:01	1.0	1.0	-
10:02	15.8	14.4	10:02	40.3	17.9	10:02	1.0	1.0	-
10:03	15.5	14.7	10:03	19.6	18.4	10:03	1.0	1.0	-
10:04	11.3	14.6	10:04	15.0	18.4	10:04	1.0	1.0	-
10:05	16.8	14.8	10:05	16.1	18.4	10:05	1.0	1.0	-
10:06	15.0	14.9	10:06	20.0	18.6	10:06	1.0	1.0	-
10:07	21.3	15.6	10:07	16.9	18.7	10:07	1.0	1.0	-
10:08	41.3	17.2	10:08	14.9	18.6	10:08	1.0	1.0	-
10:09	14.0	17.3	10:09	19.1	18.9	10:09	1.0	1.0	-
10:10	13.3	17.4	10:10	18.3	19.0	10:10	1.0	1.0	-
10:11	13.8	16.9	10:11	16.4	18.9	10:11	1.0	1.0	-
10:12	12.8	16.5	10:12	14.5	19.0	10:12	1.0	1.0	-
10:13	11.8	16.4	10:13	17.4	18.9	10:13	1.0	1.0	-
10:14	12.8	16.4	10:14	18.0	18.9	10:14	1.0	1.0	-
10:15	14.0	16.4	10:15	15.4	18.5	10:15	1.0	1.0	-
10:16	12.0	16.1	10:16	19.3	18.7	10:16	1.0	1.0	-
10:17	12.0	15.8	10:17	17.4	17.2	10:17	1.0	1.0	-
10:18	12.0	15.6	10:18	16.6	17.0	10:18	1.0	1.0	-
10:19	11.5	15.6	10:19	15.0	17.0	10:19	1.0	1.0	-
10:20	15.8	15.5	10:20	14.8	16.9	10:20	1.0	1.0	-
10:21	24.0	16.1	10:21	14.5	16.6	10:21	1.0	1.0	-
10:22	11.8	15.5	10:22	17.9	16.6	10:22	1.0	1.0	-
10:23	13.0	13.6	10:23	15.0	16.6	10:23	1.0	1.0	-
10:24	13.0	13.6	10:24	14.4	16.3	10:24	1.0	1.0	-
10:25	12.8	13.5	10:25	15.5	16.1	10:25	1.0	1.0	-
10:26	15.5	13.6	10:26	23.6	16.6	10:26	1.0	1.0	-
10:27	14.3	13.7	10:27	15.4	16.7	10:27	1.0	1.0	-
10:28	23.0	14.5	10:28	18.9	16.8	10:28	1.0	1.0	-
10:29	19.3	14.9	10:29	19.5	16.9	10:29	1.0	1.0	-
10:30	27.0	15.8	10:30	17.4	17.0	10:30	1.0	1.0	-
10:31	16.3	16.1	10:31	15.9	16.8	10:31	1.0	1.0	-
10:32	12.8	16.1	10:32	15.0	16.6	10:32	1.0	1.0	-
10:33	14.8	16.3	10:33	16.1	16.6	10:33	1.0	1.0	-
10:34	20.5	16.9	10:34	18.5	16.8	10:34	1.0	1.0	-
10:35	12.5	16.7	10:35	19.3	17.1	10:35	1.0	1.0	-
10:36	12.8	15.9	10:36	19.8	17.5	10:36	1.0	1.0	-
10:37	13.8	16.1	10:37	17.3	17.4	10:37	1.0	1.0	-
10:38	13.3	16.1	10:38	15.3	17.4	10:38	1.0	1.0	-
10:39	12.5	16.1	10:39	15.8	17.5	10:39	1.0	1.0	-
10:40	20.3	16.6	10:40	15.6	17.5	10:40	1.0	1.0	-
10:41	13.5	16.4	10:41	17.3	17.1	10:41	1.0	1.0	-
10:42	12.3	16.3	10:42	21.3	17.5	10:42	1.0	1.0	-
10:43	18.5	16.0	10:43	16.3	17.3	10:43	1.0	1.0	-
10:44	12.8	15.6	10:44	16.4	17.1	10:44	1.0	1.0	-
10:45	13.0	14.6	10:45	17.3	17.1	10:45	1.0	1.0	-
10:46	15.0	14.5	10:46	17.5	17.2	10:46	1.0	1.0	-
10:47	14.8	14.7	10:47	19.9	17.6	10:47	1.0	1.0	-
10:48	17.0	14.8	10:48	18.4	17.7	10:48	1.0	1.0	-
10:49	13.5	14.4	10:49	16.5	17.6	10:49	1.0	1.0	-
10:50	13.0	14.4	10:50	15.1	17.3	10:50	1.0	1.0	-
10:51	13.5	14.4	10:51	15.8	17.0	10:51	1.0	1.0	-
10:52	15.8	14.6	10:52	16.1	17.0	10:52	1.0	1.0	-
10:53	17.8	14.9	10:53	17.1	17.1	10:53	1.0	1.0	-
10:54	14.0	15.0	10:54	15.9	17.1	10:54	1.0	1.0	-
10:55	15.5	14.7	10:55	16.8	17.2	10:55	1.0	1.0	-
10:56	22.5	15.3	10:56	16.3	17.1	10:56	1.0	1.0	-
10:57	13.8	15.4	10:57	15.6	16.7	10:57	1.0	1.0	-
10:58	11.8	14.9	10:58	18.4	16.9	10:58	1.0	1.0	-
10:59	11.8	14.8	10:59	14.5	16.7	10:59	1.0	1.0	-
11:00	11.8	14.8	11:00	16.3	16.7	11:00	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
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PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
11:01	11.5	14.5	11:01	17.4	16.7	11:01	1.0	1.0	-
11:02	11.3	14.3	11:02	15.5	16.4	11:02	1.0	1.0	-
11:03	12.8	14.0	11:03	15.4	16.2	11:03	1.0	1.0	-
11:04	11.5	13.9	11:04	18.3	16.3	11:04	1.0	1.0	-
11:05	12.3	13.8	11:05	16.5	16.4	11:05	1.0	1.0	-
11:06	13.8	13.8	11:06	22.8	16.8	11:06	1.0	1.0	-
11:07	11.5	13.6	11:07	22.3	17.3	11:07	1.0	1.0	-
11:08	17.8	13.6	11:08	14.4	17.1	11:08	1.0	1.0	-
11:09	13.0	13.5	11:09	16.3	17.1	11:09	1.0	1.0	-
11:10	15.5	13.5	11:10	17.3	17.1	11:10	1.0	1.0	-
11:11	13.3	12.9	11:11	16.3	17.1	11:11	1.0	1.0	-
11:12	12.8	12.8	11:12	18.0	17.3	11:12	1.0	1.0	-
11:13	12.3	12.8	11:13	22.3	17.5	11:13	1.0	1.0	-
11:14	13.5	13.0	11:14	20.5	17.9	11:14	1.0	1.0	-
11:15	14.5	13.1	11:15	21.4	18.3	11:15	1.0	1.0	-
11:16	11.8	13.2	11:16	19.3	18.4	11:16	1.0	1.0	-
11:17	20.0	13.7	11:17	17.3	18.5	11:17	1.0	1.0	-
11:18	11.3	13.6	11:18	37.0	20.0	11:18	1.0	1.0	-
11:19	13.5	13.8	11:19	18.4	20.0	11:19	1.0	1.0	-
11:20	13.8	13.9	11:20	18.8	20.1	11:20	1.0	1.0	-
11:21	13.3	13.8	11:21	17.8	19.8	11:21	1.0	1.0	-
11:22	12.5	13.9	11:22	20.0	19.6	11:22	1.0	1.0	-
11:23	17.0	13.9	11:23	19.6	20.0	11:23	1.0	1.0	-
11:24	12.5	13.8	11:24	18.8	20.2	11:24	1.0	1.0	-
11:25	13.0	13.7	11:25	17.5	20.2	11:25	1.0	1.0	-
11:26	13.8	13.7	11:26	18.0	20.3	11:26	1.0	1.0	-
11:27	16.3	13.9	11:27	15.8	20.1	11:27	1.0	1.0	-
11:28	11.8	13.9	11:28	17.3	19.8	11:28	1.0	1.0	-
11:29	11.8	13.8	11:29	17.0	19.6	11:29	1.0	1.0	-
11:30	13.0	13.7	11:30	17.8	19.3	11:30	1.0	1.0	-
11:31	11.8	13.7	11:31	15.6	19.1	11:31	1.0	1.0	-
11:32	12.5	13.2	11:32	16.0	19.0	11:32	1.0	1.0	-
11:33	12.5	13.3	11:33	15.6	17.6	11:33	1.0	1.0	-
11:34	11.8	13.1	11:34	18.0	17.6	11:34	1.0	1.0	-
11:35	17.5	13.4	11:35	20.3	17.7	11:35	1.0	1.0	-
11:36	12.8	13.4	11:36	20.4	17.8	11:36	1.0	1.0	-
11:37	11.8	13.3	11:37	15.8	17.6	11:37	1.0	1.0	-
11:38	17.0	13.3	11:38	16.8	17.4	11:38	1.0	1.0	-
11:39	14.0	13.4	11:39	26.6	17.9	11:39	1.0	1.0	-
11:40	15.5	13.6	11:40	19.1	18.0	11:40	1.0	1.0	-
11:41	15.8	13.7	11:41	21.4	18.2	11:41	1.0	1.0	-
11:42	12.0	13.4	11:42	20.8	18.6	11:42	1.0	1.0	-
11:43	16.0	13.7	11:43	19.4	18.7	11:43	1.0	1.0	-
11:44	16.0	14.0	11:44	18.1	18.8	11:44	1.0	1.0	-
11:45	12.3	13.9	11:45	17.5	18.8	11:45	1.0	1.0	-
11:46	14.5	14.1	11:46	16.9	18.8	11:46	1.0	1.0	-
11:47	14.5	14.3	11:47	17.5	18.9	11:47	1.0	1.0	-
11:48	16.0	14.5	11:48	17.6	19.1	11:48	1.0	1.0	-
11:49	13.8	14.6	11:49	19.4	19.2	11:49	1.0	1.0	-
11:50	14.3	14.4	11:50	20.6	19.2	11:50	1.0	1.0	-
11:51	86.0	19.3	11:51	16.4	18.9	11:51	1.0	1.0	-
11:52	47.0	21.6	11:52	15.9	18.9	11:52	1.0	1.0	-
11:53	29.0	22.4	11:53	18.8	19.1	11:53	1.0	1.0	-
11:54	15.0	22.5	11:54	15.6	18.3	11:54	1.0	1.0	-
11:55	17.0	22.6	11:55	16.0	18.1	11:55	1.0	1.0	-
11:56	13.8	22.5	11:56	19.1	18.0	11:56	1.0	1.0	-
11:57	17.5	22.8	11:57	16.0	17.7	11:57	1.0	1.0	-
11:58	15.0	22.8	11:58	16.9	17.5	11:58	1.0	1.0	-
11:59	15.0	22.7	11:59	17.3	17.4	11:59	1.0	1.0	-
12:00	15.8	22.9	12:00	18.1	17.5	12:00	1.0	1.0	-
12:01	35.8	24.4	12:01	17.0	17.5	12:01	1.0	1.0	-
12:02	14.0	24.3	12:02	15.8	17.4	12:02	1.0	1.0	-
12:03	17.5	24.4	12:03	17.4	17.3	12:03	1.0	1.0	-
12:04	20.5	24.9	12:04	16.0	17.1	12:04	1.0	1.0	-
12:05	28.3	25.8	12:05	17.0	16.9	12:05	1.0	1.0	-
12:06	20.5	21.4	12:06	17.8	17.0	12:06	1.0	1.0	-
12:07	18.0	19.5	12:07	17.4	17.1	12:07	1.0	1.0	-
12:08	32.5	19.7	12:08	16.9	16.9	12:08	1.0	1.0	-
12:09	26.0	20.5	12:09	18.3	17.1	12:09	1.0	1.0	-
12:10	20.5	20.7	12:10	19.9	17.4	12:10	1.0	1.0	-
12:11	32.0	21.9	12:11	23.4	17.7	12:11	1.0	1.0	-
12:12	16.3	21.8	12:12	19.6	17.9	12:12	1.0	1.0	-
12:13	16.0	21.9	12:13	19.8	18.1	12:13	1.0	1.0	-
12:14	19.8	22.2	12:14	18.4	18.2	12:14	1.0	1.0	-
12:15	13.8	22.1	12:15	18.3	18.2	12:15	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
12:16	14.5	20.7	12:16	19.6	18.4	12:16	1.0	1.0	-
12:17	14.3	20.7	12:17	18.4	18.5	12:17	1.0	1.0	-
12:18	39.5	22.2	12:18	17.0	18.5	12:18	1.0	1.0	-
12:19	21.3	22.2	12:19	19.1	18.7	12:19	1.0	1.0	-
12:20	15.0	21.3	12:20	19.5	18.9	12:20	1.0	1.0	-
12:21	20.8	21.3	12:21	17.8	18.9	12:21	1.0	1.0	-
12:22	28.8	22.1	12:22	31.0	19.8	12:22	1.0	1.0	-
12:23	16.0	21.0	12:23	20.9	20.1	12:23	1.0	1.0	-
12:24	35.8	21.6	12:24	18.4	20.1	12:24	1.0	1.0	-
12:25	18.0	21.4	12:25	18.0	19.9	12:25	1.0	1.0	-
12:26	20.8	20.7	12:26	18.8	19.6	12:26	1.0	1.0	-
12:27	33.5	21.8	12:27	19.3	19.6	12:27	1.0	1.0	-
12:28	18.0	22.0	12:28	17.9	19.5	12:28	1.0	1.0	-
12:29	28.5	22.6	12:29	19.3	19.5	12:29	1.0	1.0	-
12:30	17.3	22.8	12:30	17.9	19.5	12:30	1.0	1.0	-
12:31	28.0	23.7	12:31	18.5	19.4	12:31	1.0	1.0	-
12:32	24.8	24.4	12:32	26.3	20.0	12:32	1.0	1.0	-
12:33	16.5	22.9	12:33	18.4	20.1	12:33	1.0	1.0	-
12:34	15.8	22.5	12:34	20.4	20.1	12:34	1.0	1.0	-
12:35	14.0	22.4	12:35	18.9	20.1	12:35	1.0	1.0	-
12:36	15.5	22.1	12:36	19.5	20.2	12:36	1.0	1.0	-
12:37	14.5	21.1	12:37	19.4	19.4	12:37	1.0	1.0	-
12:38	16.8	21.2	12:38	19.9	19.4	12:38	1.0	1.0	-
12:39	15.3	19.8	12:39	19.1	19.4	12:39	1.0	1.0	-
12:40	14.0	19.5	12:40	20.9	19.6	12:40	1.0	1.0	-
12:41	16.3	19.2	12:41	18.9	19.6	12:41	1.0	1.0	-
12:42	18.8	18.3	12:42	21.1	19.7	12:42	1.0	1.0	-
12:43	17.8	18.2	12:43	18.9	19.8	12:43	1.0	1.0	-
12:44	22.5	17.8	12:44	18.6	19.8	12:44	1.0	1.0	-
12:45	27.0	18.5	12:45	21.0	20.0	12:45	1.0	1.0	-
12:46	14.8	17.6	12:46	18.3	20.0	12:46	1.0	1.0	-
12:47	16.8	17.1	12:47	19.6	19.5	12:47	1.0	1.0	-
12:48	14.8	17.0	12:48	22.1	19.8	12:48	1.0	1.0	-
12:49	15.3	16.9	12:49	17.8	19.6	12:49	1.0	1.0	-
12:50	24.8	17.6	12:50	19.3	19.6	12:50	1.0	1.0	-
12:51	31.5	18.7	12:51	18.9	19.6	12:51	1.0	1.0	-
12:52	16.8	18.9	12:52	20.1	19.6	12:52	1.0	1.0	-
12:53	16.8	18.9	12:53	20.4	19.7	12:53	1.0	1.0	-
12:54	18.3	19.1	12:54	18.8	19.6	12:54	1.0	1.0	-
12:55	15.3	19.1	12:55	21.8	19.7	12:55	1.0	1.0	-
12:56	15.8	19.1	12:56	24.3	20.1	12:56	1.0	1.0	-
12:57	20.5	19.2	12:57	18.0	19.8	12:57	1.0	1.0	-
12:58	21.0	19.4	12:58	20.5	20.0	12:58	1.0	1.0	-
12:59	23.3	19.5	12:59	22.6	20.2	12:59	1.0	1.0	-
13:00	16.5	18.8	13:00	19.6	20.1	13:00	1.0	1.0	-
13:01	24.8	19.5	13:01	17.9	20.1	13:01	1.0	1.0	-
13:02	21.8	19.8	13:02	22.9	20.3	13:02	1.0	1.0	-
13:03	18.5	20.0	13:03	20.6	20.2	13:03	1.0	1.0	-
13:04	21.5	20.5	13:04	21.1	20.4	13:04	1.0	1.0	-
13:05	19.5	20.1	13:05	23.9	20.8	13:05	1.0	1.0	-
13:06	19.0	19.3	13:06	21.5	20.9	13:06	1.0	1.0	-
13:07	19.0	19.4	13:07	21.1	21.0	13:07	1.0	1.0	-
13:08	19.8	19.6	13:08	21.6	21.1	13:08	1.0	1.0	-
13:09	22.0	19.9	13:09	20.8	21.2	13:09	1.0	1.0	-
13:10	19.3	20.1	13:10	21.1	21.2	13:10	1.0	1.0	-
13:11	22.8	20.6	13:11	19.9	20.9	13:11	1.0	1.0	-
13:12	17.8	20.4	13:12	19.9	21.0	13:12	1.0	1.0	-
13:13	19.3	20.3	13:13	21.0	21.0	13:13	1.0	1.0	-
13:14	21.3	20.2	13:14	20.6	20.9	13:14	1.0	1.0	-
13:15	24.8	20.7	13:15	20.8	21.0	13:15	1.0	1.0	-
13:16	26.0	20.8	13:16	20.5	21.2	13:16	1.0	1.0	-
13:17	17.0	20.5	13:17	22.1	21.1	13:17	1.0	1.0	-
13:18	25.5	21.0	13:18	20.4	21.1	13:18	1.0	1.0	-
13:19	24.8	21.2	13:19	18.9	20.9	13:19	1.0	1.0	-
13:20	30.3	21.9	13:20	24.8	21.0	13:20	1.0	1.0	-
13:21	60.0	24.6	13:21	18.8	20.8	13:21	1.0	1.0	-
13:22	46.0	26.4	13:22	20.5	20.8	13:22	1.0	1.0	-
13:23	21.5	26.5	13:23	22.5	20.8	13:23	1.0	1.0	-
13:24	22.5	26.6	13:24	21.9	20.9	13:24	1.0	1.0	-
13:25	31.5	27.4	13:25	23.4	21.1	13:25	1.0	1.0	-
13:26	17.5	27.0	13:26	24.0	21.3	13:26	1.0	1.0	-
13:27	31.8	28.0	13:27	21.9	21.5	13:27	1.0	1.0	-
13:28	20.8	28.1	13:28	23.9	21.7	13:28	1.0	1.0	-
13:29	25.5	28.4	13:29	21.1	21.7	13:29	1.0	1.0	-
13:30	17.8	27.9	13:30	24.1	21.9	13:30	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
13:31	23.3	27.7	13:31	21.9	22.0	13:31	1.0	1.0	-
13:32	20.3	27.9	13:32	22.1	22.0	13:32	1.0	1.0	-
13:33	22.3	27.7	13:33	24.1	22.3	13:33	1.0	1.0	-
13:34	17.3	27.2	13:34	21.9	22.5	13:34	1.0	1.0	-
13:35	18.3	26.4	13:35	21.4	22.2	13:35	1.0	1.0	-
13:36	40.8	25.1	13:36	19.8	22.3	13:36	1.0	1.0	-
13:37	21.0	23.5	13:37	20.6	22.3	13:37	1.0	1.0	-
13:38	40.3	24.7	13:38	20.8	22.2	13:38	1.0	1.0	-
13:39	20.8	24.6	13:39	21.6	22.2	13:39	1.0	1.0	-
13:40	21.5	23.9	13:40	22.4	22.1	13:40	1.0	1.0	-
13:41	21.3	24.2	13:41	24.4	22.1	13:41	1.0	1.0	-
13:42	21.5	23.5	13:42	22.8	22.2	13:42	1.0	1.0	-
13:43	17.8	23.3	13:43	22.1	22.1	13:43	1.0	1.0	-
13:44	23.8	23.2	13:44	25.8	22.4	13:44	1.0	1.0	-
13:45	18.8	23.2	13:45	24.9	22.4	13:45	1.0	1.0	-
13:46	20.0	23.0	13:46	25.1	22.6	13:46	1.0	1.0	-
13:47	26.0	23.4	13:47	21.3	22.6	13:47	1.0	1.0	-
13:48	35.0	24.3	13:48	22.9	22.5	13:48	1.0	1.0	-
13:49	24.3	24.7	13:49	23.9	22.6	13:49	1.0	1.0	-
13:50	18.3	24.7	13:50	23.6	22.8	13:50	1.0	1.0	-
13:51	19.5	23.3	13:51	22.1	22.9	13:51	1.0	1.0	-
13:52	21.5	23.3	13:52	24.4	23.2	13:52	1.0	1.0	-
13:53	22.8	22.2	13:53	23.5	23.4	13:53	1.0	1.0	-
13:54	28.3	22.7	13:54	24.1	23.5	13:54	1.0	1.0	-
13:55	27.3	23.1	13:55	24.5	23.7	13:55	1.0	1.0	-
13:56	37.5	24.1	13:56	25.6	23.8	13:56	1.0	1.0	-
13:57	35.3	25.1	13:57	24.1	23.9	13:57	1.0	1.0	-
13:58	18.8	25.1	13:58	23.1	23.9	13:58	1.0	1.0	-
13:59	35.8	25.9	13:59	27.3	24.0	13:59	1.0	1.0	-
14:00	17.8	25.9	14:00	23.4	23.9	14:00	1.0	1.0	-
14:01	18.0	25.7	14:01	23.5	23.8	14:01	1.0	1.0	-
14:02	18.5	25.2	14:02	26.1	24.1	14:02	1.0	1.0	-
14:03	18.3	24.1	14:03	26.1	24.4	14:03	1.0	1.0	-
14:04	19.0	23.8	14:04	21.3	24.2	14:04	1.0	1.0	-
14:05	22.0	24.0	14:05	29.9	24.6	14:05	1.0	1.0	-
14:06	18.3	23.9	14:06	22.8	24.6	14:06	1.0	1.0	-
14:07	27.0	24.3	14:07	22.9	24.5	14:07	1.0	1.0	-
14:08	21.3	24.2	14:08	22.3	24.5	14:08	1.0	1.0	-
14:09	23.0	23.8	14:09	21.5	24.3	14:09	1.0	1.0	-
14:10	35.8	24.4	14:10	22.6	24.2	14:10	1.0	1.0	-
14:11	21.5	23.3	14:11	22.5	24.0	14:11	1.0	1.0	-
14:12	19.3	22.3	14:12	22.6	23.9	14:12	1.0	1.0	-
14:13	19.5	22.3	14:13	23.0	23.8	14:13	1.0	1.0	-
14:14	155.3	30.3	14:14	22.3	23.5	14:14	1.0	1.0	-
14:15	21.3	30.5	14:15	22.0	23.4	14:15	1.0	1.0	-
14:16	62.5	33.5	14:16	25.3	23.5	14:16	1.0	1.0	-
14:17	89.8	38.2	14:17	23.1	23.3	14:17	1.0	1.0	-
14:18	18.8	38.3	14:18	21.9	23.1	14:18	1.0	1.0	-
14:19	18.5	38.2	14:19	23.3	23.2	14:19	1.0	1.0	-
14:20	19.8	38.1	14:20	21.5	22.6	14:20	1.0	1.0	-
14:21	16.8	38.0	14:21	22.4	22.6	14:21	1.0	1.0	-
14:22	19.5	37.5	14:22	21.5	22.5	14:22	1.0	1.0	-
14:23	22.8	37.6	14:23	23.6	22.6	14:23	1.0	1.0	-
14:24	18.5	37.3	14:24	24.9	22.8	14:24	1.0	1.0	-
14:25	22.8	36.4	14:25	22.4	22.8	14:25	1.0	1.0	-
14:26	17.3	36.1	14:26	24.3	22.9	14:26	1.0	1.0	-
14:27	17.8	36.0	14:27	23.5	23.0	14:27	1.0	1.0	-
14:28	18.0	35.9	14:28	24.3	23.1	14:28	1.0	1.0	-
14:29	17.0	26.7	14:29	21.5	23.0	14:29	1.0	1.0	-
14:30	18.3	26.5	14:30	23.9	23.1	14:30	1.0	1.0	-
14:31	17.5	23.5	14:31	23.1	23.0	14:31	1.0	1.0	-
14:32	19.5	18.8	14:32	23.5	23.0	14:32	1.0	1.0	-
14:33	22.0	19.1	14:33	22.4	23.1	14:33	1.0	1.0	-
14:34	21.3	19.2	14:34	23.4	23.1	14:34	1.0	1.0	-
14:35	19.0	19.2	14:35	23.3	23.2	14:35	1.0	1.0	-
14:36	18.3	19.3	14:36	23.1	23.2	14:36	1.0	1.0	-
14:37	17.3	19.1	14:37	22.8	23.3	14:37	1.0	1.0	-
14:38	16.5	18.7	14:38	22.5	23.2	14:38	1.0	1.0	-
14:39	21.0	18.9	14:39	23.0	23.1	14:39	1.0	1.0	-
14:40	19.0	18.6	14:40	22.9	23.2	14:40	1.0	1.0	-
14:41	17.8	18.7	14:41	24.9	23.2	14:41	1.0	1.0	-
14:42	18.3	18.7	14:42	32.0	23.8	14:42	1.0	1.0	-
14:43	17.8	18.7	14:43	24.8	23.8	14:43	1.0	1.0	-
14:44	21.5	19.0	14:44	23.8	23.9	14:44	1.0	1.0	-
14:45	18.8	19.0	14:45	24.0	24.0	14:45	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
14:46	17.8	19.0	14:46	33.4	24.6	14:46	1.0	1.0	-
14:47	18.5	19.0	14:47	30.9	25.1	14:47	1.0	1.0	-
14:48	18.3	18.7	14:48	24.8	25.3	14:48	1.0	1.0	-
14:49	19.0	18.6	14:49	24.1	25.3	14:49	1.0	1.0	-
14:50	18.5	18.5	14:50	26.3	25.5	14:50	1.0	1.0	-
14:51	20.8	18.7	14:51	23.3	25.5	14:51	1.0	1.0	-
14:52	20.0	18.9	14:52	24.1	25.6	14:52	1.0	1.0	-
14:53	19.3	19.1	14:53	24.1	25.7	14:53	1.0	1.0	-
14:54	18.8	18.9	14:54	25.1	25.9	14:54	1.0	1.0	-
14:55	17.8	18.8	14:55	23.8	25.9	14:55	1.0	1.0	-
14:56	20.3	19.0	14:56	25.6	26.0	14:56	1.0	1.0	-
14:57	19.8	19.1	14:57	25.8	25.6	14:57	1.0	1.0	-
14:58	19.3	19.2	14:58	23.5	25.5	14:58	1.0	1.0	-
14:59	19.8	19.1	14:59	25.0	25.6	14:59	1.0	1.0	-
15:00	19.3	19.1	15:00	26.1	25.7	15:00	1.0	1.0	-
15:01	19.8	19.3	15:01	24.0	25.1	15:01	1.0	1.0	-
15:02	17.8	19.2	15:02	26.1	24.8	15:02	1.0	1.0	-
15:03	24.8	19.6	15:03	25.1	24.8	15:03	1.0	1.0	-
15:04	19.5	19.7	15:04	24.6	24.8	15:04	1.0	1.0	-
15:05	19.0	19.7	15:05	23.6	24.7	15:05	1.0	1.0	-
15:06	26.3	20.1	15:06	25.0	24.8	15:06	1.0	1.0	-
15:07	20.0	20.1	15:07	27.8	25.0	15:07	1.0	1.0	-
15:08	18.5	20.0	15:08	29.8	25.4	15:08	1.0	1.0	-
15:09	16.3	19.9	15:09	23.1	25.3	15:09	1.0	1.0	-
15:10	18.5	19.9	15:10	23.6	25.3	15:10	1.0	1.0	-
15:11	23.0	20.1	15:11	23.9	25.1	15:11	1.0	1.0	-
15:12	17.8	20.0	15:12	23.5	25.0	15:12	1.0	1.0	-
15:13	18.0	19.9	15:13	22.8	24.9	15:13	1.0	1.0	-
15:14	17.8	19.7	15:14	23.6	24.8	15:14	1.0	1.0	-
15:15	19.5	19.8	15:15	23.9	24.7	15:15	1.0	1.0	-
15:16	18.5	19.7	15:16	24.8	24.7	15:16	1.0	1.0	-
15:17	21.5	19.9	15:17	39.9	25.7	15:17	1.0	1.0	-
15:18	19.3	19.6	15:18	53.0	27.5	15:18	1.0	1.0	-
15:19	18.5	19.5	15:19	25.8	27.6	15:19	1.0	1.0	-
15:20	18.0	19.4	15:20	24.3	27.6	15:20	1.0	1.0	-
15:21	21.5	19.1	15:21	32.1	28.1	15:21	1.0	1.0	-
15:22	20.3	19.1	15:22	30.4	28.3	15:22	1.0	1.0	-
15:23	19.0	19.2	15:23	32.1	28.4	15:23	1.0	1.0	-
15:24	18.5	19.3	15:24	28.5	28.8	15:24	1.0	1.0	-
15:25	17.3	19.2	15:25	27.4	29.1	15:25	1.0	1.0	-
15:26	18.0	18.9	15:26	29.4	29.4	15:26	1.0	1.0	-
15:27	18.5	18.9	15:27	25.0	29.5	15:27	1.0	1.0	-
15:28	18.8	19.0	15:28	26.1	29.7	15:28	1.0	1.0	-
15:29	19.0	19.1	15:29	26.6	29.9	15:29	1.0	1.0	-
15:30	18.3	19.0	15:30	23.9	29.9	15:30	1.0	1.0	-
15:31	17.3	18.9	15:31	24.8	29.9	15:31	1.0	1.0	-
15:32	20.0	18.8	15:32	25.5	29.0	15:32	1.0	1.0	-
15:33	20.8	18.9	15:33	23.4	27.0	15:33	1.0	1.0	-
15:34	19.0	18.9	15:34	22.6	26.8	15:34	1.0	1.0	-
15:35	20.0	19.1	15:35	23.9	26.8	15:35	1.0	1.0	-
15:36	18.3	18.9	15:36	25.3	26.3	15:36	1.0	1.0	-
15:37	21.0	18.9	15:37	23.3	25.8	15:37	1.0	1.0	-
15:38	17.8	18.8	15:38	23.5	25.3	15:38	1.0	1.0	-
15:39	18.3	18.8	15:39	21.5	24.8	15:39	1.0	1.0	-
15:40	22.0	19.1	15:40	23.6	24.6	15:40	1.0	1.0	-
15:41	17.8	19.1	15:41	21.4	24.0	15:41	1.0	1.0	-
15:42	17.5	19.0	15:42	22.4	23.8	15:42	1.0	1.0	-
15:43	17.0	18.9	15:43	21.4	23.5	15:43	1.0	1.0	-
15:44	17.5	18.8	15:44	23.1	23.3	15:44	1.0	1.0	-
15:45	17.5	18.8	15:45	22.1	23.2	15:45	1.0	1.0	-
15:46	16.8	18.7	15:46	23.8	23.1	15:46	1.0	1.0	-
15:47	17.5	18.6	15:47	23.1	23.0	15:47	1.0	1.0	-
15:48	19.3	18.5	15:48	22.5	22.9	15:48	1.0	1.0	-
15:49	17.0	18.3	15:49	22.0	22.9	15:49	1.0	1.0	-
15:50	15.8	18.1	15:50	25.0	22.9	15:50	1.0	1.0	-
15:51	16.5	17.9	15:51	23.0	22.8	15:51	1.0	1.0	-
15:52	16.0	17.6	15:52	23.1	22.8	15:52	1.0	1.0	-
15:53	17.8	17.6	15:53	22.5	22.7	15:53	1.0	1.0	-
15:54	18.3	17.6	15:54	24.0	22.9	15:54	1.0	1.0	-
15:55	17.3	17.3	15:55	29.5	23.3	15:55	1.0	1.0	-
15:56	21.5	17.5	15:56	23.8	23.4	15:56	1.0	1.0	-
15:57	17.0	17.5	15:57	23.5	23.5	15:57	1.0	1.0	-
15:58	17.3	17.5	15:58	23.3	23.6	15:58	1.0	1.0	-
15:59	17.8	17.5	15:59	25.3	23.8	15:59	1.0	1.0	-
16:00	16.5	17.5	16:00	21.9	23.7	16:00	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
16:01	19.5	17.7	16:01	21.5	23.6	16:01	1.0	1.0	-
16:02	17.0	17.6	16:02	22.5	23.6	16:02	1.0	1.0	-
16:03	19.8	17.7	16:03	20.6	23.4	16:03	1.0	1.0	-
16:04	17.8	17.7	16:04	22.1	23.4	16:04	1.0	1.0	-
16:05	17.5	17.8	16:05	26.0	23.5	16:05	1.0	1.0	-
16:06	19.0	18.0	16:06	22.1	23.4	16:06	1.0	1.0	-
16:07	18.5	18.2	16:07	24.1	23.5	16:07	1.0	1.0	-
16:08	21.8	18.4	16:08	22.6	23.5	16:08	1.0	1.0	-
16:09	22.8	18.7	16:09	22.8	23.4	16:09	1.0	1.0	-
16:10	18.6	18.8	16:10	22.8	23.0	16:10	1.0	1.0	-
16:11	20.4	18.7	16:11	22.6	22.9	16:11	1.0	1.0	-
16:12	22.2	19.1	16:12	21.9	22.8	16:12	1.0	1.0	-
16:13	17.6	19.1	16:13	22.4	22.7	16:13	1.0	1.0	-
16:14	18.0	19.1	16:14	22.8	22.6	16:14	1.0	1.0	-
16:15	17.4	19.2	16:15	23.3	22.7	16:15	1.0	1.0	-
16:16	19.6	19.2	16:16	22.6	22.7	16:16	1.0	1.0	-
16:17	24.0	19.7	16:17	24.3	22.9	16:17	1.0	1.0	-
16:18	22.8	19.9	16:18	23.1	23.0	16:18	1.0	1.0	-
16:19	18.6	19.9	16:19	22.8	23.1	16:19	1.0	1.0	-
16:20	17.6	19.9	16:20	22.9	22.9	16:20	1.0	1.0	-
16:21	18.0	19.9	16:21	23.1	22.9	16:21	1.0	1.0	-
16:22	18.4	19.9	16:22	21.4	22.7	16:22	1.0	1.0	-
16:23	18.6	19.6	16:23	21.8	22.7	16:23	1.0	1.0	-
16:24	24.4	19.7	16:24	28.4	23.1	16:24	1.0	1.0	-
16:25	18.8	19.8	16:25	23.4	23.1	16:25	1.0	1.0	-
16:26	18.4	19.6	16:26	23.0	23.1	16:26	1.0	1.0	-
16:27	17.8	19.3	16:27	23.0	23.2	16:27	1.0	1.0	-
16:28	18.6	19.4	16:28	23.4	23.3	16:28	1.0	1.0	-
16:29	18.8	19.5	16:29	26.0	23.5	16:29	1.0	1.0	-
16:30	18.4	19.5	16:30	31.1	24.0	16:30	1.0	1.0	-
16:31	19.6	19.5	16:31	26.9	24.3	16:31	1.0	1.0	-
16:32	19.2	19.2	16:32	24.4	24.3	16:32	1.0	1.0	-
16:33	20.0	19.0	16:33	24.3	24.4	16:33	1.0	1.0	-
16:34	18.8	19.0	16:34	24.8	24.5	16:34	1.0	1.0	-
16:35	17.2	19.0	16:35	22.9	24.5	16:35	1.0	1.0	-
16:36	17.8	19.0	16:36	23.3	24.5	16:36	1.0	1.0	-
16:37	17.2	18.9	16:37	23.0	24.6	16:37	1.0	1.0	-
16:38	34.0	19.9	16:38	27.1	25.0	16:38	1.0	1.0	-
16:39	18.0	19.5	16:39	23.1	24.6	16:39	1.0	1.0	-
16:40	18.6	19.5	16:40	25.8	24.8	16:40	1.0	1.0	-
16:41	18.8	19.5	16:41	21.5	24.7	16:41	1.0	1.0	-
16:42	17.4	19.5	16:42	23.4	24.7	16:42	1.0	1.0	-
16:43	17.4	19.4	16:43	24.0	24.8	16:43	1.0	1.0	-
16:44	16.8	19.3	16:44	24.6	24.7	16:44	1.0	1.0	-
16:45	16.4	19.1	16:45	23.3	24.1	16:45	1.0	1.0	-
16:46	16.6	18.9	16:46	24.4	24.0	16:46	1.0	1.0	-
16:47	18.4	18.9	16:47	23.0	23.9	16:47	1.0	1.0	-
16:48	17.2	18.7	16:48	22.9	23.8	16:48	1.0	1.0	-
16:49	20.0	18.8	16:49	29.5	24.1	16:49	1.0	1.0	-
16:50	17.2	18.8	16:50	24.7	24.2	16:50	1.0	1.0	-
16:51	17.0	18.7	16:51	25.4	24.4	16:51	1.0	1.0	-
16:52	16.8	18.7	16:52	24.4	24.5	16:52	1.0	1.0	-
16:53	17.0	17.6	16:53	26.0	24.4	16:53	1.0	1.0	-
16:54	18.2	17.6	16:54	23.8	24.4	16:54	1.0	1.0	-
16:55	17.2	17.5	16:55	22.8	24.2	16:55	1.0	1.0	-
16:56	18.2	17.5	16:56	25.6	24.5	16:56	1.0	1.0	-
16:57	17.8	17.5	16:57	24.7	24.6	16:57	1.0	1.0	-
16:58	18.2	17.5	16:58	23.6	24.6	16:58	1.0	1.0	-
16:59	19.6	17.7	16:59	23.3	24.5	16:59	1.0	1.0	-
17:00	18.4	17.9	17:00	25.4	24.6	17:00	1.0	1.0	-
17:01	18.0	17.9	17:01	26.0	24.7	17:01	1.0	1.0	-
17:02	18.8	18.0	17:02	28.0	25.1	17:02	1.0	1.0	-
17:03	19.2	18.1	17:03	24.6	25.2	17:03	1.0	1.0	-
17:04	21.6	18.2	17:04	24.4	24.8	17:04	1.0	1.0	-
17:05	23.4	18.6	17:05	25.1	24.9	17:05	1.0	1.0	-
17:06	20.0	18.8	17:06	25.3	24.9	17:06	1.0	1.0	-
17:07	19.0	19.0	17:07	26.3	25.0	17:07	1.0	1.0	-
17:08	19.4	19.1	17:08	25.1	24.9	17:08	1.0	1.0	-
17:09	19.0	19.2	17:09	24.8	25.0	17:09	1.0	1.0	-
17:10	18.2	19.3	17:10	26.1	25.2	17:10	1.0	1.0	-
17:11	19.2	19.3	17:11	25.3	25.2	17:11	1.0	1.0	-
17:12	18.8	19.4	17:12	25.4	25.3	17:12	1.0	1.0	-
17:13	21.4	19.6	17:13	26.0	25.4	17:13	1.0	1.0	-
17:14	22.2	19.8	17:14	26.3	25.6	17:14	1.0	1.0	-
17:15	18.0	19.7	17:15	25.6	25.6	17:15	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
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April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
17:16	18.8	19.8	17:16	24.3	25.5	17:16	1.0	1.0	-
17:17	19.2	19.8	17:17	28.0	25.5	17:17	1.0	1.0	-
17:18	18.4	19.8	17:18	27.7	25.7	17:18	1.0	1.0	-
17:19	18.6	19.6	17:19	25.3	25.8	17:19	1.0	1.0	-
17:20	18.2	19.2	17:20	37.7	26.6	17:20	1.0	1.0	-
17:21	17.8	19.1	17:21	37.7	27.4	17:21	1.0	1.0	-
17:22	31.0	19.9	17:22	28.2	27.6	17:22	1.0	1.0	-
17:23	70.0	23.3	17:23	27.1	27.7	17:23	1.0	1.0	-
17:24	45.8	25.0	17:24	28.3	27.9	17:24	1.0	1.0	-
17:25	19.5	25.1	17:25	28.6	28.1	17:25	1.0	1.0	-
17:26	52.3	27.3	17:26	29.7	28.4	17:26	1.0	1.0	-
17:27	45.3	29.1	17:27	30.0	28.7	17:27	1.0	1.0	-
17:28	25.8	29.4	17:28	29.4	28.9	17:28	1.0	1.0	-
17:29	46.5	31.0	17:29	28.9	29.1	17:29	1.0	1.0	-
17:30	42.0	32.6	17:30	51.2	30.8	17:30	1.0	1.0	-
17:31	37.3	33.8	17:31	45.1	32.2	17:31	1.0	1.0	-
17:32	19.8	33.9	17:32	32.9	32.5	17:32	1.0	1.0	-
17:33	21.8	34.1	17:33	29.1	32.6	17:33	1.0	1.0	-
17:34	24.3	34.5	17:34	27.7	32.8	17:34	1.0	1.0	-
17:35	57.5	37.1	17:35	28.0	32.1	17:35	1.0	1.0	-
17:36	22.5	37.4	17:36	27.2	31.4	17:36	1.0	1.0	-
17:37	19.5	36.6	17:37	27.1	31.4	17:37	1.0	1.0	-
17:38	22.0	33.4	17:38	26.3	31.3	17:38	1.0	1.0	-
17:39	19.0	31.7	17:39	28.4	31.3	17:39	1.0	1.0	-
17:40	25.8	32.1	17:40	29.2	31.4	17:40	1.0	1.0	-
17:41	25.3	30.3	17:41	25.6	31.1	17:41	1.0	1.0	-
17:42	19.0	28.5	17:42	24.6	30.7	17:42	1.0	1.0	-
17:43	18.8	28.1	17:43	26.8	30.5	17:43	1.0	1.0	-
17:44	23.5	26.5	17:44	26.1	30.4	17:44	1.0	1.0	-
17:45	21.0	25.1	17:45	27.6	28.8	17:45	1.0	1.0	-
17:46	21.0	24.0	17:46	28.4	27.7	17:46	1.0	1.0	-
17:47	26.8	24.5	17:47	26.6	27.2	17:47	1.0	1.0	-
17:48	41.8	25.8	17:48	31.8	27.4	17:48	1.0	1.0	-
17:49	20.3	25.6	17:49	29.6	27.5	17:49	1.0	1.0	-
17:50	20.3	23.1	17:50	28.6	27.6	17:50	1.0	1.0	-
17:51	22.0	23.1	17:51	26.8	27.6	17:51	1.0	1.0	-
17:52	20.3	23.1	17:52	26.6	27.5	17:52	1.0	1.0	-
17:53	31.0	23.7	17:53	28.3	27.7	17:53	1.0	1.0	-
17:54	40.0	25.1	17:54	30.1	27.8	17:54	1.0	1.0	-
17:55	44.8	26.4	17:55	28.8	27.7	17:55	1.0	1.0	-
17:56	51.5	28.1	17:56	27.4	27.9	17:56	1.0	1.0	-
17:57	29.0	28.8	17:57	26.0	28.0	17:57	1.0	1.0	-
17:58	41.3	30.3	17:58	28.2	28.1	17:58	1.0	1.0	-
17:59	69.0	33.3	17:59	30.1	28.3	17:59	1.0	1.0	-
18:00	99.0	38.5	18:00	28.7	28.4	18:00	1.0	1.0	-
18:01	100.5	43.8	18:01	29.3	28.5	18:01	1.0	1.0	-
18:02	39.0	44.6	18:02	37.1	29.2	18:02	1.0	1.0	-
18:03	23.8	43.4	18:03	36.0	29.4	18:03	1.0	1.0	-
18:04	46.3	45.2	18:04	29.0	29.4	18:04	1.0	1.0	-
18:05	55.3	47.5	18:05	27.2	29.3	18:05	1.0	1.0	-
18:06	97.8	52.6	18:06	33.4	29.8	18:06	1.0	1.0	-
18:07	36.0	53.6	18:07	36.6	30.4	18:07	1.0	1.0	-
18:08	26.5	53.3	18:08	37.8	31.1	18:08	1.0	1.0	-
18:09	26.5	52.4	18:09	35.7	31.4	18:09	1.0	1.0	-
18:10	22.8	50.9	18:10	34.4	31.8	18:10	1.0	1.0	-
18:11	21.8	49.0	18:11	31.8	32.1	18:11	1.0	1.0	-
18:12	24.3	48.6	18:12	29.3	32.3	18:12	1.0	1.0	-
18:13	41.5	48.7	18:13	28.4	32.3	18:13	1.0	1.0	-
18:14	29.5	46.0	18:14	30.9	32.4	18:14	1.0	1.0	-
18:15	21.3	40.8	18:15	31.1	32.5	18:15	1.0	1.0	-
18:16	32.5	36.3	18:16	26.9	32.4	18:16	1.0	1.0	-
18:17	21.8	35.2	18:17	31.4	32.0	18:17	1.0	1.0	-
18:18	21.8	35.0	18:18	33.1	31.8	18:18	1.0	1.0	-
18:19	21.3	33.4	18:19	28.4	31.8	18:19	1.0	1.0	-
18:20	19.3	31.0	18:20	28.6	31.9	18:20	1.0	1.0	-
18:21	20.8	25.8	18:21	26.9	31.4	18:21	1.0	1.0	-
18:22	22.5	24.9	18:22	29.5	31.0	18:22	1.0	1.0	-
18:23	21.8	24.6	18:23	29.3	30.4	18:23	1.0	1.0	-
18:24	20.8	24.2	18:24	28.4	29.9	18:24	1.0	1.0	-
18:25	21.0	24.1	18:25	28.8	29.5	18:25	1.0	1.0	-
18:26	20.0	24.0	18:26	28.5	29.3	18:26	1.0	1.0	-
18:27	19.8	23.7	18:27	28.4	29.2	18:27	1.0	1.0	-
18:28	20.5	22.3	18:28	27.0	29.1	18:28	1.0	1.0	-
18:29	23.3	21.9	18:29	28.8	29.0	18:29	1.0	1.0	-
18:30	22.0	21.9	18:30	27.8	28.8	18:30	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
18:31	38.3	22.3	18:31	27.4	28.8	18:31	1.0	1.0	-
18:32	22.5	22.4	18:32	25.9	28.4	18:32	1.0	1.0	-
18:33	21.0	22.3	18:33	26.0	28.0	18:33	1.0	1.0	-
18:34	19.8	22.2	18:34	25.9	27.8	18:34	1.0	1.0	-
18:35	20.8	22.3	18:35	24.4	27.5	18:35	1.0	1.0	-
18:36	20.0	22.3	18:36	27.3	27.5	18:36	1.0	1.0	-
18:37	21.0	22.2	18:37	26.4	27.3	18:37	1.0	1.0	-
18:38	19.8	22.0	18:38	26.0	27.1	18:38	1.0	1.0	-
18:39	19.8	22.0	18:39	24.4	26.8	18:39	1.0	1.0	-
18:40	18.8	21.8	18:40	24.0	26.5	18:40	1.0	1.0	-
18:41	23.8	22.1	18:41	24.3	26.2	18:41	1.0	1.0	-
18:42	25.5	22.4	18:42	25.4	26.0	18:42	1.0	1.0	-
18:43	26.3	22.8	18:43	26.8	26.0	18:43	1.0	1.0	-
18:44	21.3	22.7	18:44	30.9	26.2	18:44	1.0	1.0	-
18:45	22.3	22.7	18:45	30.8	26.4	18:45	1.0	1.0	-
18:46	20.3	21.5	18:46	34.3	26.8	18:46	1.0	1.0	-
18:47	20.5	21.4	18:47	27.8	27.0	18:47	1.0	1.0	-
18:48	19.8	21.3	18:48	31.8	27.3	18:48	1.0	1.0	-
18:49	19.8	21.3	18:49	26.6	27.4	18:49	1.0	1.0	-
18:50	20.0	21.2	18:50	25.4	27.5	18:50	1.0	1.0	-
18:51	20.3	21.3	18:51	28.5	27.5	18:51	1.0	1.0	-
18:52	19.3	21.1	18:52	28.0	27.6	18:52	1.0	1.0	-
18:53	19.3	21.1	18:53	27.4	27.7	18:53	1.0	1.0	-
18:54	18.5	21.0	18:54	30.0	28.1	18:54	1.0	1.0	-
18:55	20.5	21.1	18:55	28.9	28.4	18:55	1.0	1.0	-
18:56	24.0	21.2	18:56	30.4	28.8	18:56	1.0	1.0	-
18:57	25.5	21.2	18:57	32.1	29.3	18:57	1.0	1.0	-
18:58	23.5	21.0	18:58	31.6	29.6	18:58	1.0	1.0	-
18:59	22.5	21.1	18:59	28.8	29.5	18:59	1.0	1.0	-
19:00	23.5	21.1	19:00	28.9	29.4	19:00	1.0	1.0	-
19:01	23.5	21.4	19:01	29.5	29.0	19:01	1.0	1.0	-
19:02	22.5	21.5	19:02	25.6	28.9	19:02	1.0	1.0	-
19:03	21.8	21.6	19:03	33.8	29.0	19:03	1.0	1.0	-
19:04	20.8	21.7	19:04	28.5	29.2	19:04	1.0	1.0	-
19:05	20.3	21.7	19:05	30.4	29.5	19:05	1.0	1.0	-
19:06	18.8	21.6	19:06	28.5	29.5	19:06	1.0	1.0	-
19:07	19.5	21.6	19:07	29.3	29.6	19:07	1.0	1.0	-
19:08	19.5	21.6	19:08	26.5	29.5	19:08	1.0	1.0	-
19:09	19.0	21.7	19:09	25.0	29.2	19:09	1.0	1.0	-
19:10	20.3	21.7	19:10	27.0	29.1	19:10	1.0	1.0	-
19:11	20.0	21.4	19:11	29.1	29.0	19:11	1.0	1.0	-
19:12	24.5	21.3	19:12	26.5	28.6	19:12	1.0	1.0	-
19:13	24.8	21.4	19:13	28.0	28.4	19:13	1.0	1.0	-
19:14	20.5	21.3	19:14	28.1	28.3	19:14	1.0	1.0	-
19:15	21.8	21.2	19:15	26.6	28.2	19:15	1.0	1.0	-
19:16	19.0	20.9	19:16	26.3	27.9	19:16	1.0	1.0	-
19:17	24.0	21.0	19:17	26.4	28.0	19:17	1.0	1.0	-
19:18	20.0	20.8	19:18	25.8	27.5	19:18	1.0	1.0	-
19:19	19.8	20.8	19:19	25.9	27.3	19:19	1.0	1.0	-
19:20	20.8	20.8	19:20	25.0	26.9	19:20	1.0	1.0	-
19:21	20.0	20.9	19:21	26.0	26.8	19:21	1.0	1.0	-
19:22	19.5	20.9	19:22	25.0	26.5	19:22	1.0	1.0	-
19:23	20.5	21.0	19:23	24.0	26.3	19:23	1.0	1.0	-
19:24	22.3	21.2	19:24	25.9	26.4	19:24	1.0	1.0	-
19:25	23.3	21.4	19:25	26.3	26.3	19:25	1.0	1.0	-
19:26	30.0	22.0	19:26	27.1	26.2	19:26	1.0	1.0	-
19:27	24.3	22.0	19:27	25.6	26.1	19:27	1.0	1.0	-
19:28	25.3	22.1	19:28	29.8	26.2	19:28	1.0	1.0	-
19:29	21.3	22.1	19:29	27.4	26.2	19:29	1.0	1.0	-
19:30	20.3	22.0	19:30	27.5	26.3	19:30	1.0	1.0	-
19:31	21.8	22.2	19:31	26.5	26.3	19:31	1.0	1.0	-
19:32	22.0	22.1	19:32	27.9	26.4	19:32	1.0	1.0	-
19:33	23.3	22.3	19:33	29.1	26.6	19:33	1.0	1.0	-
19:34	22.0	22.4	19:34	29.6	26.8	19:34	1.0	1.0	-
19:35	25.5	22.7	19:35	30.9	27.2	19:35	1.0	1.0	-
19:36	23.8	23.0	19:36	32.3	27.7	19:36	1.0	1.0	-
19:37	25.0	23.4	19:37	32.1	28.1	19:37	1.0	1.0	-
19:38	22.5	23.5	19:38	29.4	28.5	19:38	1.0	1.0	-
19:39	24.0	23.6	19:39	31.0	28.8	19:39	1.0	1.0	-
19:40	24.3	23.7	19:40	29.1	29.0	19:40	1.0	1.0	-
19:41	22.5	23.2	19:41	29.6	29.2	19:41	1.0	1.0	-
19:42	23.0	23.1	19:42	29.4	29.4	19:42	1.0	1.0	-
19:43	22.8	22.9	19:43	29.5	29.4	19:43	1.0	1.0	-
19:44	22.8	23.0	19:44	31.6	29.7	19:44	1.0	1.0	-
19:45	24.0	23.3	19:45	37.3	30.4	19:45	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
19:46	24.8	23.5	19:46	32.3	30.7	19:46	1.0	1.0	-
19:47	23.3	23.6	19:47	29.6	30.8	19:47	1.0	1.0	-
19:48	27.0	23.8	19:48	29.0	30.8	19:48	1.0	1.0	-
19:49	29.5	24.3	19:49	28.9	30.8	19:49	1.0	1.0	-
19:50	25.8	24.3	19:50	37.2	31.2	19:50	1.0	1.0	-
19:51	23.5	24.3	19:51	45.6	32.1	19:51	1.0	1.0	-
19:52	22.8	24.2	19:52	38.9	32.5	19:52	1.0	1.0	-
19:53	23.3	24.2	19:53	31.7	32.7	19:53	1.0	1.0	-
19:54	25.3	24.3	19:54	28.2	32.5	19:54	1.0	1.0	-
19:55	25.0	24.3	19:55	34.3	32.9	19:55	1.0	1.0	-
19:56	20.0	24.2	19:56	40.6	33.6	19:56	1.0	1.0	-
19:57	20.5	24.0	19:57	31.3	33.7	19:57	1.0	1.0	-
19:58	21.5	23.9	19:58	29.0	33.7	19:58	1.0	1.0	-
19:59	23.8	24.0	19:59	29.3	33.5	19:59	1.0	1.0	-
20:00	23.5	24.0	20:00	29.8	33.0	20:00	1.0	1.0	-
20:01	27.3	24.1	20:01	29.4	32.9	20:01	1.0	1.0	-
20:02	27.3	24.4	20:02	29.7	32.9	20:02	1.0	1.0	-
20:03	24.5	24.2	20:03	29.6	32.9	20:03	1.0	1.0	-
20:04	23.3	23.8	20:04	31.2	33.1	20:04	1.0	1.0	-
20:05	26.5	23.9	20:05	28.0	32.4	20:05	1.0	1.0	-
20:06	28.5	24.2	20:06	30.2	31.4	20:06	1.0	1.0	-
20:07	28.0	24.5	20:07	28.8	30.7	20:07	1.0	1.0	-
20:08	26.8	24.8	20:08	28.9	30.6	20:08	1.0	1.0	-
20:09	24.5	24.7	20:09	29.4	30.6	20:09	1.0	1.0	-
20:10	30.0	25.1	20:10	30.2	30.4	20:10	1.0	1.0	-
20:11	36.3	26.1	20:11	31.0	29.7	20:11	1.0	1.0	-
20:12	32.0	26.9	20:12	29.1	29.6	20:12	1.0	1.0	-
20:13	27.3	27.3	20:13	29.1	29.6	20:13	1.0	1.0	-
20:14	27.3	27.5	20:14	27.0	29.4	20:14	1.0	1.0	-
20:15	25.3	27.6	20:15	26.3	29.2	20:15	1.0	1.0	-
20:16	24.8	27.5	20:16	28.9	29.2	20:16	1.0	1.0	-
20:17	27.0	27.5	20:17	28.1	29.1	20:17	1.0	1.0	-
20:18	24.3	27.4	20:18	27.1	28.9	20:18	1.0	1.0	-
20:19	29.0	27.8	20:19	27.7	28.7	20:19	1.0	1.0	-
20:20	25.5	27.8	20:20	26.4	28.6	20:20	1.0	1.0	-
20:21	28.0	27.7	20:21	27.9	28.4	20:21	1.0	1.0	-
20:22	26.3	27.6	20:22	26.0	28.2	20:22	1.0	1.0	-
20:23	25.5	27.5	20:23	26.6	28.1	20:23	1.0	1.0	-
20:24	24.3	27.5	20:24	26.9	27.9	20:24	1.0	1.0	-
20:25	24.3	27.1	20:25	27.7	27.7	20:25	1.0	1.0	-
20:26	24.3	26.3	20:26	26.3	27.4	20:26	1.0	1.0	-
20:27	24.3	25.8	20:27	27.8	27.3	20:27	1.0	1.0	-
20:28	25.8	25.7	20:28	28.2	27.3	20:28	1.0	1.0	-
20:29	28.0	25.8	20:29	28.4	27.4	20:29	1.0	1.0	-
20:30	24.5	25.7	20:30	29.9	27.6	20:30	1.0	1.0	-
20:31	28.0	25.9	20:31	29.0	27.6	20:31	1.0	1.0	-
20:32	28.5	26.0	20:32	28.9	27.7	20:32	1.0	1.0	-
20:33	26.5	26.2	20:33	30.1	27.9	20:33	1.0	1.0	-
20:34	25.5	25.9	20:34	28.2	27.9	20:34	1.0	1.0	-
20:35	27.5	26.1	20:35	29.0	28.1	20:35	1.0	1.0	-
20:36	32.3	26.4	20:36	29.0	28.1	20:36	1.0	1.0	-
20:37	27.8	26.5	20:37	30.3	28.4	20:37	1.0	1.0	-
20:38	44.8	27.7	20:38	30.7	28.7	20:38	1.0	1.0	-
20:39	24.8	27.8	20:39	31.8	29.0	20:39	1.0	1.0	-
20:40	24.8	27.8	20:40	31.2	29.3	20:40	1.0	1.0	-
20:41	23.5	27.8	20:41	31.8	29.6	20:41	1.0	1.0	-
20:42	23.5	27.7	20:42	28.8	29.7	20:42	1.0	1.0	-
20:43	25.3	27.7	20:43	29.2	29.8	20:43	1.0	1.0	-
20:44	27.0	27.6	20:44	30.0	29.9	20:44	1.0	1.0	-
20:45	28.0	27.8	20:45	29.7	29.8	20:45	1.0	1.0	-
20:46	25.3	27.7	20:46	28.1	29.8	20:46	1.0	1.0	-
20:47	23.3	27.3	20:47	28.2	29.7	20:47	1.0	1.0	-
20:48	24.8	27.2	20:48	29.8	29.7	20:48	1.0	1.0	-
20:49	28.0	27.4	20:49	28.4	29.7	20:49	1.0	1.0	-
20:50	23.5	27.1	20:50	28.4	29.7	20:50	1.0	1.0	-
20:51	22.5	26.4	20:51	28.6	29.7	20:51	1.0	1.0	-
20:52	22.8	26.1	20:52	28.3	29.5	20:52	1.0	1.0	-
20:53	25.8	24.8	20:53	27.9	29.3	20:53	1.0	1.0	-
20:54	24.0	24.8	20:54	27.4	29.1	20:54	1.0	1.0	-
20:55	25.8	24.9	20:55	28.3	28.9	20:55	1.0	1.0	-
20:56	23.8	24.9	20:56	27.7	28.6	20:56	1.0	1.0	-
20:57	22.8	24.8	20:57	27.8	28.5	20:57	1.0	1.0	-
20:58	22.8	24.7	20:58	26.9	28.4	20:58	1.0	1.0	-
20:59	25.3	24.5	20:59	27.7	28.2	20:59	1.0	1.0	-
21:00	35.3	25.0	21:00	27.6	28.1	21:00	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
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PARTICULATE DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	Time	Concentration (ug/m^3)	15-Min Avg Concentration (ug/m^3)	
21:01	26.0	25.1	21:01	28.7	28.1	21:01	1.0	1.0	-
21:02	24.5	25.2	21:02	32.3	28.4	21:02	1.0	1.0	-
21:03	24.0	25.1	21:03	29.2	28.3	21:03	1.0	1.0	-
21:04	22.5	24.7	21:04	29.3	28.4	21:04	1.0	1.0	-
21:05	23.3	24.7	21:05	29.6	28.5	21:05	1.0	1.0	-
21:06	22.5	24.7	21:06	29.7	28.6	21:06	1.0	1.0	-
21:07	23.0	24.7	21:07	27.0	28.5	21:07	1.0	1.0	-
21:08	23.3	24.6	21:08	26.9	28.4	21:08	1.0	1.0	-
21:09	24.3	24.6	21:09	26.9	28.4	21:09	1.0	1.0	-
21:10	23.8	24.5	21:10	25.3	28.2	21:10	1.0	1.0	-
21:11	23.3	24.4	21:11	25.1	28.0	21:11	1.0	1.0	-
21:12	23.3	24.5	21:12	25.9	27.9	21:12	1.0	1.0	-
21:13	23.8	24.5	21:13	26.6	27.8	21:13	1.0	1.0	-
21:14	24.3	24.5	21:14	25.7	27.7	21:14	1.0	1.0	-
21:15	23.3	23.7	21:15	26.9	27.7	21:15	1.0	1.0	-
21:16	23.8	23.5	21:16	27.2	27.6	21:16	1.0	1.0	-
21:17	23.5	23.4	21:17	25.1	27.1	21:17	1.0	1.0	-
21:18	23.3	23.4	21:18	24.6	26.8	21:18	1.0	1.0	-
21:19	32.5	24.1	21:19	25.2	26.5	21:19	1.0	1.0	-
21:20	23.0	24.0	21:20	26.0	26.3	21:20	1.0	1.0	-
21:21	23.5	24.1	21:21	25.0	26.0	21:21	1.0	1.0	-
21:22	23.5	24.1	21:22	24.7	25.8	21:22	1.0	1.0	-
21:23	23.3	24.1	21:23	26.4	25.8	21:23	1.0	1.0	-
21:24	24.0	24.1	21:24	25.3	25.7	21:24	1.0	1.0	-
21:25	22.3	24.0	21:25	26.2	25.7	21:25	1.0	1.0	-
21:26	22.0	23.9	21:26	25.6	25.8	21:26	1.0	1.0	-
21:27	23.0	23.9	21:27	26.0	25.8	21:27	1.0	1.0	-
21:28	23.0	23.9	21:28	27.8	25.8	21:28	1.0	1.0	-
21:29	22.3	23.7	21:29	26.3	25.9	21:29	1.0	1.0	-
21:30	20.5	23.6	21:30	26.8	25.9	21:30	1.0	1.0	-
21:31	22.3	23.5	21:31	26.9	25.9	21:31	1.0	1.0	-
21:32	22.8	23.4	21:32	25.4	25.9	21:32	1.0	1.0	-
21:33	24.0	23.5	21:33	25.8	26.0	21:33	1.0	1.0	-
21:34	21.3	22.7	21:34	25.7	26.0	21:34	1.0	1.0	-
21:35	22.3	22.7	21:35	26.0	26.0	21:35	1.0	1.0	-
21:36	21.8	22.5	21:36	26.6	26.1	21:36	1.0	1.0	-
21:37	26.5	22.7	21:37	25.6	26.2	21:37	1.0	1.0	-
21:38	24.5	22.8	21:38	25.8	26.1	21:38	1.0	1.0	-
21:39	21.0	22.6	21:39	23.8	26.0	21:39	1.0	1.0	-
21:40	23.0	22.7	21:40	27.1	26.1	21:40	1.0	1.0	-
21:41	22.5	22.7	21:41	31.1	26.4	21:41	1.0	1.0	-
21:42	22.5	22.7	21:42	26.1	26.4	21:42	1.0	1.0	-
21:43	22.8	22.7	21:43	26.6	26.4	21:43	1.0	1.0	-
21:44	22.0	22.6	21:44	24.4	26.2	21:44	1.0	1.0	-
21:45	22.5	22.8	21:45	25.0	26.1	21:45	1.0	1.0	-
21:46	23.8	22.9	21:46	23.9	25.9	21:46	1.0	1.0	-
21:47	23.8	22.9	21:47	23.4	25.8	21:47	1.0	1.0	-
21:48	23.0	22.9	21:48	23.4	25.6	21:48	1.0	1.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

Tuesday, April 29, 2025									
							Number of Instances Where Downwind VOCs Exceeds 5.0 =		0
							Number of Comparable Data Points =		850
							Start Time:		7:23
							End Time:		21:48
PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
7:23	-	-	7:23	0.0	-	7:23	-	-	-
7:24	0.0	-	7:24	0.0	-	7:24	-	-	-
7:25	0.0	-	7:25	0.0	-	7:25	-	-	-
7:26	0.0	-	7:26	0.0	-	7:26	-	-	-
7:27	0.0	-	7:27	0.0	-	7:27	-	-	-
7:28	0.0	-	7:28	0.0	-	7:28	-	-	-
7:29	0.0	-	7:29	0.0	-	7:29	-	-	-
7:30	0.0	-	7:30	0.0	-	7:30	-	-	-
7:31	0.0	-	7:31	0.0	-	7:31	-	-	-
7:32	0.0	-	7:32	0.0	-	7:32	0.0	-	-
7:33	0.0	-	7:33	0.0	-	7:33	0.0	-	-
7:34	0.0	-	7:34	0.0	-	7:34	0.0	-	-
7:35	0.0	-	7:35	0.0	-	7:35	0.0	-	-
7:36	0.0	-	7:36	0.0	-	7:36	0.0	-	-
7:37	0.0	-	7:37	0.0	-	7:37	0.0	-	-
7:38	0.0	-	7:38	0.0	0.0	7:38	0.0	-	-
7:39	0.0	0.0	7:39	0.0	0.0	7:39	0.0	-	-
7:40	0.0	0.0	7:40	0.0	0.0	7:40	0.0	-	-
7:41	0.0	0.0	7:41	0.0	0.0	7:41	0.0	-	-
7:42	0.0	0.0	7:42	0.0	0.0	7:42	0.0	-	-
7:43	0.0	0.0	7:43	0.0	0.0	7:43	0.0	-	-
7:44	0.0	0.0	7:44	0.0	0.0	7:44	0.0	-	-
7:45	0.0	0.0	7:45	0.0	0.0	7:45	0.0	-	-
7:46	0.0	0.0	7:46	0.0	0.0	7:46	0.0	-	-
7:47	0.0	0.0	7:47	0.0	0.0	7:47	0.0	0.0	-
7:48	0.0	0.0	7:48	0.0	0.0	7:48	0.0	0.0	-
7:49	0.0	0.0	7:49	0.0	0.0	7:49	0.0	0.0	-
7:50	0.0	0.0	7:50	0.0	0.0	7:50	0.0	0.0	-
7:51	0.0	0.0	7:51	0.0	0.0	7:51	0.0	0.0	-
7:52	0.0	0.0	7:52	0.0	0.0	7:52	0.0	0.0	-
7:53	0.0	0.0	7:53	0.0	0.0	7:53	0.0	0.0	-
7:54	0.0	0.0	7:54	0.0	0.0	7:54	0.0	0.0	-
7:55	0.0	0.0	7:55	0.0	0.0	7:55	0.0	0.0	-
7:56	0.0	0.0	7:56	0.0	0.0	7:56	0.0	0.0	-
7:57	0.0	0.0	7:57	0.0	0.0	7:57	0.0	0.0	-
7:58	0.0	0.0	7:58	0.0	0.0	7:58	0.0	0.0	-
7:59	0.0	0.0	7:59	0.0	0.0	7:59	0.0	0.0	-
8:00	0.0	0.0	8:00	0.0	0.0	8:00	0.0	0.0	-
8:01	0.0	0.0	8:01	0.0	0.0	8:01	0.0	0.0	-
8:02	0.0	0.0	8:02	0.0	0.0	8:02	0.0	0.0	-
8:03	0.0	0.0	8:03	0.0	0.0	8:03	0.0	0.0	-
8:04	0.0	0.0	8:04	0.0	0.0	8:04	0.0	0.0	-
8:05	0.0	0.0	8:05	0.0	0.0	8:05	0.0	0.0	-
8:06	0.0	0.0	8:06	0.0	0.0	8:06	0.0	0.0	-
8:07	0.0	0.0	8:07	0.0	0.0	8:07	0.0	0.0	-
8:08	0.0	0.0	8:08	0.0	0.0	8:08	0.0	0.0	-
8:09	0.0	0.0	8:09	0.0	0.0	8:09	0.0	0.0	-
8:10	0.0	0.0	8:10	0.0	0.0	8:10	0.0	0.0	-
8:11	0.0	0.0	8:11	0.0	0.0	8:11	0.0	0.0	-
8:12	0.0	0.0	8:12	0.0	0.0	8:12	0.0	0.0	-
8:13	0.0	0.0	8:13	0.0	0.0	8:13	0.0	0.0	-
8:14	0.0	0.0	8:14	0.0	0.0	8:14	0.0	0.0	-
8:15	0.0	0.0	8:15	0.0	0.0	8:15	0.0	0.0	-
8:16	0.0	0.0	8:16	0.0	0.0	8:16	0.0	0.0	-
8:17	0.0	0.0	8:17	0.0	0.0	8:17	0.0	0.0	-
8:18	0.0	0.0	8:18	0.0	0.0	8:18	0.0	0.0	-
8:19	0.0	0.0	8:19	0.0	0.0	8:19	0.0	0.0	-
8:20	0.0	0.0	8:20	0.0	0.0	8:20	0.0	0.0	-
8:21	0.0	0.0	8:21	0.0	0.0	8:21	0.0	0.0	-
8:22	0.0	0.0	8:22	0.0	0.0	8:22	0.0	0.0	-
8:23	0.0	0.0	8:23	0.0	0.0	8:23	0.0	0.0	-
8:24	0.0	0.0	8:24	0.0	0.0	8:24	0.0	0.0	-
8:25	0.0	0.0	8:25	0.0	0.0	8:25	0.0	0.0	-
8:26	0.0	0.0	8:26	0.0	0.0	8:26	0.0	0.0	-
8:27	0.0	0.0	8:27	0.0	0.0	8:27	0.0	0.0	-
8:28	0.0	0.0	8:28	0.0	0.0	8:28	0.0	0.0	-
8:29	0.0	0.0	8:29	0.0	0.0	8:29	0.0	0.0	-
8:30	0.0	0.0	8:30	0.0	0.0	8:30	0.0	0.0	-
8:31	0.0	0.0	8:31	0.0	0.0	8:31	0.0	0.0	-
8:32	0.0	0.0	8:32	0.0	0.0	8:32	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
8:33	0.0	0.0	8:33	0.0	0.0	8:33	0.0	0.0	-
8:34	0.0	0.0	8:34	0.0	0.0	8:34	0.0	0.0	-
8:35	0.0	0.0	8:35	0.0	0.0	8:35	0.0	0.0	-
8:36	0.0	0.0	8:36	0.0	0.0	8:36	0.0	0.0	-
8:37	0.0	0.0	8:37	0.0	0.0	8:37	0.0	0.0	-
8:38	0.0	0.0	8:38	0.0	0.0	8:38	0.0	0.0	-
8:39	0.0	0.0	8:39	0.0	0.0	8:39	0.0	0.0	-
8:40	0.0	0.0	8:40	0.0	0.0	8:40	0.0	0.0	-
8:41	0.0	0.0	8:41	0.0	0.0	8:41	0.0	0.0	-
8:42	0.0	0.0	8:42	0.0	0.0	8:42	0.0	0.0	-
8:43	0.0	0.0	8:43	0.0	0.0	8:43	0.0	0.0	-
8:44	0.0	0.0	8:44	0.0	0.0	8:44	0.0	0.0	-
8:45	0.0	0.0	8:45	0.0	0.0	8:45	0.0	0.0	-
8:46	0.0	0.0	8:46	0.0	0.0	8:46	0.0	0.0	-
8:47	0.0	0.0	8:47	0.0	0.0	8:47	0.0	0.0	-
8:48	0.0	0.0	8:48	0.0	0.0	8:48	0.0	0.0	-
8:49	0.0	0.0	8:49	0.0	0.0	8:49	0.0	0.0	-
8:50	0.0	0.0	8:50	0.0	0.0	8:50	0.0	0.0	-
8:51	0.0	0.0	8:51	0.0	0.0	8:51	0.0	0.0	-
8:52	0.0	0.0	8:52	0.0	0.0	8:52	0.0	0.0	-
8:53	0.0	0.0	8:53	0.0	0.0	8:53	0.0	0.0	-
8:54	0.0	0.0	8:54	0.0	0.0	8:54	0.0	0.0	-
8:55	0.0	0.0	8:55	0.0	0.0	8:55	0.0	0.0	-
8:56	0.0	0.0	8:56	0.0	0.0	8:56	0.0	0.0	-
8:57	0.0	0.0	8:57	0.0	0.0	8:57	0.0	0.0	-
8:58	0.0	0.0	8:58	0.0	0.0	8:58	0.0	0.0	-
8:59	0.0	0.0	8:59	0.0	0.0	8:59	0.0	0.0	-
9:00	0.0	0.0	9:00	0.0	0.0	9:00	0.0	0.0	-
9:01	0.0	0.0	9:01	0.0	0.0	9:01	0.0	0.0	-
9:02	0.0	0.0	9:02	0.0	0.0	9:02	0.0	0.0	-
9:03	0.0	0.0	9:03	0.0	0.0	9:03	0.0	0.0	-
9:04	0.0	0.0	9:04	0.0	0.0	9:04	0.0	0.0	-
9:05	0.0	0.0	9:05	0.0	0.0	9:05	0.0	0.0	-
9:06	0.0	0.0	9:06	0.0	0.0	9:06	0.0	0.0	-
9:07	0.0	0.0	9:07	0.0	0.0	9:07	0.0	0.0	-
9:08	0.0	0.0	9:08	0.0	0.0	9:08	0.0	0.0	-
9:09	0.0	0.0	9:09	0.0	0.0	9:09	0.0	0.0	-
9:10	0.0	0.0	9:10	0.0	0.0	9:10	0.0	0.0	-
9:11	0.0	0.0	9:11	0.0	0.0	9:11	0.0	0.0	-
9:12	0.0	0.0	9:12	0.0	0.0	9:12	0.0	0.0	-
9:13	0.0	0.0	9:13	0.0	0.0	9:13	0.0	0.0	-
9:14	0.0	0.0	9:14	0.0	0.0	9:14	0.0	0.0	-
9:15	0.0	0.0	9:15	0.0	0.0	9:15	0.0	0.0	-
9:16	0.0	0.0	9:16	0.0	0.0	9:16	0.0	0.0	-
9:17	0.0	0.0	9:17	0.0	0.0	9:17	0.0	0.0	-
9:18	0.0	0.0	9:18	0.0	0.0	9:18	0.0	0.0	-
9:19	0.0	0.0	9:19	0.0	0.0	9:19	0.0	0.0	-
9:20	0.0	0.0	9:20	0.0	0.0	9:20	0.0	0.0	-
9:21	0.0	0.0	9:21	0.0	0.0	9:21	0.0	0.0	-
9:22	0.0	0.0	9:22	0.0	0.0	9:22	0.0	0.0	-
9:23	0.0	0.0	9:23	0.0	0.0	9:23	0.0	0.0	-
9:24	0.0	0.0	9:24	0.0	0.0	9:24	0.0	0.0	-
9:25	0.0	0.0	9:25	0.0	0.0	9:25	0.0	0.0	-
9:26	0.0	0.0	9:26	0.0	0.0	9:26	0.0	0.0	-
9:27	0.0	0.0	9:27	0.0	0.0	9:27	0.0	0.0	-
9:28	0.0	0.0	9:28	0.0	0.0	9:28	0.0	0.0	-
9:29	0.0	0.0	9:29	0.0	0.0	9:29	0.0	0.0	-
9:30	0.0	0.0	9:30	0.0	0.0	9:30	0.0	0.0	-
9:31	0.0	0.0	9:31	0.0	0.0	9:31	0.0	0.0	-
9:32	0.0	0.0	9:32	0.0	0.0	9:32	0.0	0.0	-
9:33	0.0	0.0	9:33	0.0	0.0	9:33	0.0	0.0	-
9:34	0.0	0.0	9:34	0.0	0.0	9:34	0.0	0.0	-
9:35	0.0	0.0	9:35	0.0	0.0	9:35	0.0	0.0	-
9:36	0.0	0.0	9:36	0.0	0.0	9:36	0.0	0.0	-
9:37	0.0	0.0	9:37	0.0	0.0	9:37	0.0	0.0	-
9:38	0.0	0.0	9:38	0.0	0.0	9:38	0.0	0.0	-
9:39	0.0	0.0	9:39	0.0	0.0	9:39	0.0	0.0	-
9:40	0.0	0.0	9:40	0.0	0.0	9:40	0.0	0.0	-
9:41	0.0	0.0	9:41	0.0	0.0	9:41	0.0	0.0	-
9:42	0.0	0.0	9:42	0.0	0.0	9:42	0.0	0.0	-
9:43	0.0	0.0	9:43	0.0	0.0	9:43	0.0	0.0	-
9:44	0.0	0.0	9:44	0.0	0.0	9:44	0.0	0.0	-
9:45	0.0	0.0	9:45	0.0	0.0	9:45	0.0	0.0	-
9:46	0.0	0.0	9:46	0.0	0.0	9:46	0.0	0.0	-
9:47	0.0	0.0	9:47	0.0	0.0	9:47	0.0	0.0	-
9:48	0.0	0.0	9:48	0.0	0.0	9:48	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
9:49	0.0	0.0	9:49	0.0	0.0	9:49	0.0	0.0	-
9:50	0.0	0.0	9:50	0.0	0.0	9:50	0.0	0.0	-
9:51	0.0	0.0	9:51	0.0	0.0	9:51	0.0	0.0	-
9:52	0.0	0.0	9:52	0.0	0.0	9:52	0.0	0.0	-
9:53	0.0	0.0	9:53	0.0	0.0	9:53	0.0	0.0	-
9:54	0.0	0.0	9:54	0.0	0.0	9:54	0.0	0.0	-
9:55	0.0	0.0	9:55	0.0	0.0	9:55	0.0	0.0	-
9:56	0.0	0.0	9:56	0.0	0.0	9:56	0.0	0.0	-
9:57	0.0	0.0	9:57	0.0	0.0	9:57	0.0	0.0	-
9:58	0.0	0.0	9:58	0.0	0.0	9:58	0.0	0.0	-
9:59	0.0	0.0	9:59	0.0	0.0	9:59	0.0	0.0	-
10:00	0.0	0.0	10:00	0.0	0.0	10:00	0.0	0.0	-
10:01	0.0	0.0	10:01	0.0	0.0	10:01	0.0	0.0	-
10:02	0.0	0.0	10:02	0.0	0.0	10:02	0.0	0.0	-
10:03	0.0	0.0	10:03	0.0	0.0	10:03	0.0	0.0	-
10:04	0.0	0.0	10:04	0.0	0.0	10:04	0.0	0.0	-
10:05	0.0	0.0	10:05	0.0	0.0	10:05	0.0	0.0	-
10:06	0.0	0.0	10:06	0.0	0.0	10:06	0.0	0.0	-
10:07	0.0	0.0	10:07	0.0	0.0	10:07	0.0	0.0	-
10:08	0.0	0.0	10:08	0.0	0.0	10:08	0.0	0.0	-
10:09	0.0	0.0	10:09	0.0	0.0	10:09	0.0	0.0	-
10:10	0.0	0.0	10:10	0.0	0.0	10:10	0.0	0.0	-
10:11	0.0	0.0	10:11	0.0	0.0	10:11	0.0	0.0	-
10:12	0.0	0.0	10:12	0.0	0.0	10:12	0.0	0.0	-
10:13	0.0	0.0	10:13	0.0	0.0	10:13	0.0	0.0	-
10:14	0.0	0.0	10:14	0.0	0.0	10:14	0.0	0.0	-
10:15	0.0	0.0	10:15	0.0	0.0	10:15	0.0	0.0	-
10:16	0.0	0.0	10:16	0.0	0.0	10:16	0.0	0.0	-
10:17	0.0	0.0	10:17	0.0	0.0	10:17	0.0	0.0	-
10:18	0.0	0.0	10:18	0.0	0.0	10:18	0.0	0.0	-
10:19	0.0	0.0	10:19	0.0	0.0	10:19	0.0	0.0	-
10:20	0.0	0.0	10:20	0.0	0.0	10:20	0.0	0.0	-
10:21	0.0	0.0	10:21	0.0	0.0	10:21	0.0	0.0	-
10:22	0.0	0.0	10:22	0.0	0.0	10:22	0.0	0.0	-
10:23	0.0	0.0	10:23	0.0	0.0	10:23	0.0	0.0	-
10:24	0.0	0.0	10:24	0.0	0.0	10:24	0.0	0.0	-
10:25	0.0	0.0	10:25	0.0	0.0	10:25	0.0	0.0	-
10:26	0.0	0.0	10:26	0.0	0.0	10:26	0.0	0.0	-
10:27	0.0	0.0	10:27	0.0	0.0	10:27	0.0	0.0	-
10:28	0.0	0.0	10:28	0.0	0.0	10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.0	0.0	10:50	0.0	0.0	-
10:51	0.0	0.0	10:51	0.0	0.0	10:51	0.0	0.0	-
10:52	0.0	0.0	10:52	0.0	0.0	10:52	0.0	0.0	-
10:53	0.0	0.0	10:53	0.0	0.0	10:53	0.0	0.0	-
10:54	0.0	0.0	10:54	0.0	0.0	10:54	0.0	0.0	-
10:55	0.0	0.0	10:55	0.0	0.0	10:55	0.0	0.0	-
10:56	0.0	0.0	10:56	0.0	0.0	10:56	0.0	0.0	-
10:57	0.0	0.0	10:57	0.0	0.0	10:57	0.0	0.0	-
10:58	0.0	0.0	10:58	0.0	0.0	10:58	0.0	0.0	-
10:59	0.0	0.0	10:59	0.0	0.0	10:59	0.0	0.0	-
11:00	0.0	0.0	11:00	0.0	0.0	11:00	0.0	0.0	-
11:01	0.0	0.0	11:01	0.0	0.0	11:01	0.0	0.0	-
11:02	0.0	0.0	11:02	0.0	0.0	11:02	0.0	0.0	-
11:03	0.0	0.0	11:03	0.0	0.0	11:03	0.0	0.0	-
11:04	0.0	0.0	11:04	0.0	0.0	11:04	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
11:05	0.0	0.0	11:05	0.0	0.0	11:05	0.0	0.0	-
11:06	0.0	0.0	11:06	0.0	0.0	11:06	0.0	0.0	-
11:07	0.0	0.0	11:07	0.0	0.0	11:07	0.0	0.0	-
11:08	0.0	0.0	11:08	0.0	0.0	11:08	0.0	0.0	-
11:09	0.0	0.0	11:09	0.0	0.0	11:09	0.0	0.0	-
11:10	0.0	0.0	11:10	0.0	0.0	11:10	0.0	0.0	-
11:11	0.0	0.0	11:11	0.0	0.0	11:11	0.0	0.0	-
11:12	0.0	0.0	11:12	0.0	0.0	11:12	0.0	0.0	-
11:13	0.0	0.0	11:13	0.0	0.0	11:13	0.0	0.0	-
11:14	0.0	0.0	11:14	0.0	0.0	11:14	0.0	0.0	-
11:15	0.0	0.0	11:15	0.0	0.0	11:15	0.0	0.0	-
11:16	0.0	0.0	11:16	0.0	0.0	11:16	0.0	0.0	-
11:17	0.0	0.0	11:17	0.0	0.0	11:17	0.0	0.0	-
11:18	0.0	0.0	11:18	0.0	0.0	11:18	0.0	0.0	-
11:19	0.0	0.0	11:19	0.0	0.0	11:19	0.0	0.0	-
11:20	0.0	0.0	11:20	0.0	0.0	11:20	0.0	0.0	-
11:21	0.0	0.0	11:21	0.0	0.0	11:21	0.0	0.0	-
11:22	0.0	0.0	11:22	0.0	0.0	11:22	0.0	0.0	-
11:23	0.0	0.0	11:23	0.0	0.0	11:23	0.0	0.0	-
11:24	0.0	0.0	11:24	0.0	0.0	11:24	0.0	0.0	-
11:25	0.0	0.0	11:25	0.0	0.0	11:25	0.0	0.0	-
11:26	0.0	0.0	11:26	0.0	0.0	11:26	0.0	0.0	-
11:27	0.0	0.0	11:27	0.0	0.0	11:27	0.0	0.0	-
11:28	0.0	0.0	11:28	0.0	0.0	11:28	0.0	0.0	-
11:29	0.0	0.0	11:29	0.0	0.0	11:29	0.0	0.0	-
11:30	0.0	0.0	11:30	0.0	0.0	11:30	0.0	0.0	-
11:31	0.0	0.0	11:31	0.0	0.0	11:31	0.0	0.0	-
11:32	0.0	0.0	11:32	0.0	0.0	11:32	0.0	0.0	-
11:33	0.0	0.0	11:33	0.0	0.0	11:33	0.0	0.0	-
11:34	0.0	0.0	11:34	0.0	0.0	11:34	0.0	0.0	-
11:35	0.0	0.0	11:35	0.0	0.0	11:35	0.0	0.0	-
11:36	0.0	0.0	11:36	0.0	0.0	11:36	0.0	0.0	-
11:37	0.0	0.0	11:37	0.0	0.0	11:37	0.0	0.0	-
11:38	0.0	0.0	11:38	0.0	0.0	11:38	0.0	0.0	-
11:39	0.0	0.0	11:39	0.0	0.0	11:39	0.0	0.0	-
11:40	0.0	0.0	11:40	0.0	0.0	11:40	0.0	0.0	-
11:41	0.0	0.0	11:41	0.0	0.0	11:41	0.0	0.0	-
11:42	0.0	0.0	11:42	0.0	0.0	11:42	0.0	0.0	-
11:43	0.0	0.0	11:43	0.0	0.0	11:43	0.0	0.0	-
11:44	0.0	0.0	11:44	0.0	0.0	11:44	0.0	0.0	-
11:45	0.0	0.0	11:45	0.0	0.0	11:45	0.0	0.0	-
11:46	0.0	0.0	11:46	0.0	0.0	11:46	0.0	0.0	-
11:47	0.0	0.0	11:47	0.0	0.0	11:47	0.0	0.0	-
11:48	0.0	0.0	11:48	0.0	0.0	11:48	0.0	0.0	-
11:49	0.0	0.0	11:49	0.0	0.0	11:49	0.0	0.0	-
11:50	0.0	0.0	11:50	0.0	0.0	11:50	0.0	0.0	-
11:51	0.0	0.0	11:51	0.0	0.0	11:51	0.0	0.0	-
11:52	0.0	0.0	11:52	0.0	0.0	11:52	0.0	0.0	-
11:53	0.0	0.0	11:53	0.0	0.0	11:53	0.0	0.0	-
11:54	0.0	0.0	11:54	0.0	0.0	11:54	0.0	0.0	-
11:55	0.0	0.0	11:55	0.0	0.0	11:55	0.0	0.0	-
11:56	0.0	0.0	11:56	0.0	0.0	11:56	0.0	0.0	-
11:57	0.0	0.0	11:57	0.0	0.0	11:57	0.0	0.0	-
11:58	0.0	0.0	11:58	0.0	0.0	11:58	0.0	0.0	-
11:59	0.0	0.0	11:59	0.0	0.0	11:59	0.0	0.0	-
12:00	0.0	0.0	12:00	0.0	0.0	12:00	0.0	0.0	-
12:01	0.0	0.0	12:01	0.0	0.0	12:01	0.0	0.0	-
12:02	0.0	0.0	12:02	0.0	0.0	12:02	0.0	0.0	-
12:03	0.0	0.0	12:03	0.0	0.0	12:03	0.0	0.0	-
12:04	0.0	0.0	12:04	0.0	0.0	12:04	0.0	0.0	-
12:05	0.0	0.0	12:05	0.0	0.0	12:05	0.0	0.0	-
12:06	0.0	0.0	12:06	0.0	0.0	12:06	0.0	0.0	-
12:07	0.0	0.0	12:07	0.0	0.0	12:07	0.0	0.0	-
12:08	0.0	0.0	12:08	0.0	0.0	12:08	0.0	0.0	-
12:09	0.0	0.0	12:09	0.0	0.0	12:09	0.0	0.0	-
12:10	0.0	0.0	12:10	0.0	0.0	12:10	0.0	0.0	-
12:11	0.0	0.0	12:11	0.0	0.0	12:11	0.0	0.0	-
12:12	0.0	0.0	12:12	0.0	0.0	12:12	0.0	0.0	-
12:13	0.0	0.0	12:13	0.0	0.0	12:13	0.0	0.0	-
12:14	0.0	0.0	12:14	0.0	0.0	12:14	0.0	0.0	-
12:15	0.0	0.0	12:15	0.0	0.0	12:15	0.0	0.0	-
12:16	0.0	0.0	12:16	0.0	0.0	12:16	0.0	0.0	-
12:17	0.0	0.0	12:17	0.0	0.0	12:17	0.0	0.0	-
12:18	0.0	0.0	12:18	0.0	0.0	12:18	0.0	0.0	-
12:19	0.0	0.0	12:19	0.0	0.0	12:19	0.0	0.0	-
12:20	0.0	0.0	12:20	0.0	0.0	12:20	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
12:21	0.0	0.0	12:21	0.0	0.0	12:21	0.0	0.0	-
12:22	0.0	0.0	12:22	0.0	0.0	12:22	0.0	0.0	-
12:23	0.0	0.0	12:23	0.0	0.0	12:23	0.0	0.0	-
12:24	0.0	0.0	12:24	0.0	0.0	12:24	0.0	0.0	-
12:25	0.0	0.0	12:25	0.0	0.0	12:25	0.0	0.0	-
12:26	0.0	0.0	12:26	0.0	0.0	12:26	0.0	0.0	-
12:27	0.0	0.0	12:27	0.0	0.0	12:27	0.0	0.0	-
12:28	0.0	0.0	12:28	0.0	0.0	12:28	0.0	0.0	-
12:29	0.0	0.0	12:29	0.0	0.0	12:29	0.0	0.0	-
12:30	0.0	0.0	12:30	0.0	0.0	12:30	0.0	0.0	-
12:31	0.0	0.0	12:31	0.0	0.0	12:31	0.0	0.0	-
12:32	0.0	0.0	12:32	0.0	0.0	12:32	0.0	0.0	-
12:33	0.0	0.0	12:33	0.0	0.0	12:33	0.0	0.0	-
12:34	0.0	0.0	12:34	0.0	0.0	12:34	0.0	0.0	-
12:35	0.0	0.0	12:35	0.0	0.0	12:35	0.0	0.0	-
12:36	0.0	0.0	12:36	0.0	0.0	12:36	0.0	0.0	-
12:37	0.0	0.0	12:37	0.0	0.0	12:37	0.0	0.0	-
12:38	0.0	0.0	12:38	0.0	0.0	12:38	0.0	0.0	-
12:39	0.0	0.0	12:39	0.0	0.0	12:39	0.0	0.0	-
12:40	0.0	0.0	12:40	0.0	0.0	12:40	0.0	0.0	-
12:41	0.0	0.0	12:41	0.0	0.0	12:41	0.0	0.0	-
12:42	0.0	0.0	12:42	0.0	0.0	12:42	0.0	0.0	-
12:43	0.0	0.0	12:43	0.0	0.0	12:43	0.0	0.0	-
12:44	0.0	0.0	12:44	0.0	0.0	12:44	0.0	0.0	-
12:45	0.0	0.0	12:45	0.0	0.0	12:45	0.0	0.0	-
12:46	0.0	0.0	12:46	0.0	0.0	12:46	0.0	0.0	-
12:47	0.0	0.0	12:47	0.0	0.0	12:47	0.0	0.0	-
12:48	0.0	0.0	12:48	0.0	0.0	12:48	0.0	0.0	-
12:49	0.0	0.0	12:49	0.0	0.0	12:49	0.0	0.0	-
12:50	0.0	0.0	12:50	0.0	0.0	12:50	0.0	0.0	-
12:51	0.0	0.0	12:51	0.0	0.0	12:51	0.0	0.0	-
12:52	0.0	0.0	12:52	0.0	0.0	12:52	0.0	0.0	-
12:53	0.0	0.0	12:53	0.0	0.0	12:53	0.0	0.0	-
12:54	0.0	0.0	12:54	0.0	0.0	12:54	0.0	0.0	-
12:55	0.0	0.0	12:55	0.0	0.0	12:55	0.0	0.0	-
12:56	0.0	0.0	12:56	0.0	0.0	12:56	0.0	0.0	-
12:57	0.0	0.0	12:57	0.0	0.0	12:57	0.0	0.0	-
12:58	0.0	0.0	12:58	0.0	0.0	12:58	0.0	0.0	-
12:59	0.0	0.0	12:59	0.0	0.0	12:59	0.0	0.0	-
13:00	0.0	0.0	13:00	0.0	0.0	13:00	0.0	0.0	-
13:01	0.0	0.0	13:01	0.0	0.0	13:01	0.0	0.0	-
13:02	0.0	0.0	13:02	0.0	0.0	13:02	0.0	0.0	-
13:03	0.0	0.0	13:03	0.0	0.0	13:03	0.0	0.0	-
13:04	0.0	0.0	13:04	0.0	0.0	13:04	0.0	0.0	-
13:05	0.0	0.0	13:05	0.0	0.0	13:05	0.0	0.0	-
13:06	0.0	0.0	13:06	0.0	0.0	13:06	0.0	0.0	-
13:07	0.0	0.0	13:07	0.0	0.0	13:07	0.0	0.0	-
13:08	0.0	0.0	13:08	0.0	0.0	13:08	0.0	0.0	-
13:09	0.0	0.0	13:09	0.0	0.0	13:09	0.0	0.0	-
13:10	0.0	0.0	13:10	0.0	0.0	13:10	0.0	0.0	-
13:11	0.0	0.0	13:11	0.0	0.0	13:11	0.0	0.0	-
13:12	0.0	0.0	13:12	0.0	0.0	13:12	0.0	0.0	-
13:13	0.0	0.0	13:13	0.0	0.0	13:13	0.0	0.0	-
13:14	0.0	0.0	13:14	0.0	0.0	13:14	0.0	0.0	-
13:15	0.0	0.0	13:15	0.0	0.0	13:15	0.0	0.0	-
13:16	0.0	0.0	13:16	0.0	0.0	13:16	0.0	0.0	-
13:17	0.0	0.0	13:17	0.0	0.0	13:17	0.0	0.0	-
13:18	0.0	0.0	13:18	0.0	0.0	13:18	0.0	0.0	-
13:19	0.0	0.0	13:19	0.0	0.0	13:19	0.0	0.0	-
13:20	0.0	0.0	13:20	0.0	0.0	13:20	0.0	0.0	-
13:21	0.0	0.0	13:21	0.0	0.0	13:21	0.0	0.0	-
13:22	0.0	0.0	13:22	0.0	0.0	13:22	0.0	0.0	-
13:23	0.0	0.0	13:23	0.0	0.0	13:23	0.0	0.0	-
13:24	0.0	0.0	13:24	0.0	0.0	13:24	0.0	0.0	-
13:25	0.0	0.0	13:25	0.0	0.0	13:25	0.0	0.0	-
13:26	0.0	0.0	13:26	0.0	0.0	13:26	0.0	0.0	-
13:27	0.0	0.0	13:27	0.0	0.0	13:27	0.0	0.0	-
13:28	0.0	0.0	13:28	0.0	0.0	13:28	0.0	0.0	-
13:29	0.0	0.0	13:29	0.0	0.0	13:29	0.0	0.0	-
13:30	0.0	0.0	13:30	0.0	0.0	13:30	0.0	0.0	-
13:31	0.0	0.0	13:31	0.0	0.0	13:31	0.0	0.0	-
13:32	0.0	0.0	13:32	0.0	0.0	13:32	0.0	0.0	-
13:33	0.0	0.0	13:33	0.0	0.0	13:33	0.0	0.0	-
13:34	0.0	0.0	13:34	0.0	0.0	13:34	0.0	0.0	-
13:35	0.0	0.0	13:35	0.0	0.0	13:35	0.0	0.0	-
13:36	0.0	0.0	13:36	0.0	0.0	13:36	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
13:37	0.0	0.0	13:37	0.0	0.0	13:37	0.0	0.0	-
13:38	0.0	0.0	13:38	0.0	0.0	13:38	0.0	0.0	-
13:39	0.0	0.0	13:39	0.0	0.0	13:39	0.0	0.0	-
13:40	0.0	0.0	13:40	0.0	0.0	13:40	0.0	0.0	-
13:41	0.0	0.0	13:41	0.0	0.0	13:41	0.0	0.0	-
13:42	0.0	0.0	13:42	0.0	0.0	13:42	0.0	0.0	-
13:43	0.0	0.0	13:43	0.0	0.0	13:43	0.0	0.0	-
13:44	0.0	0.0	13:44	0.0	0.0	13:44	0.0	0.0	-
13:45	0.0	0.0	13:45	0.0	0.0	13:45	0.0	0.0	-
13:46	0.0	0.0	13:46	0.0	0.0	13:46	0.0	0.0	-
13:47	0.0	0.0	13:47	0.0	0.0	13:47	0.0	0.0	-
13:48	0.0	0.0	13:48	0.0	0.0	13:48	0.0	0.0	-
13:49	0.0	0.0	13:49	0.0	0.0	13:49	0.0	0.0	-
13:50	0.0	0.0	13:50	0.0	0.0	13:50	0.0	0.0	-
13:51	0.0	0.0	13:51	0.0	0.0	13:51	0.0	0.0	-
13:52	0.0	0.0	13:52	0.0	0.0	13:52	0.0	0.0	-
13:53	0.0	0.0	13:53	0.0	0.0	13:53	0.0	0.0	-
13:54	0.0	0.0	13:54	0.0	0.0	13:54	0.0	0.0	-
13:55	0.0	0.0	13:55	0.0	0.0	13:55	0.0	0.0	-
13:56	0.0	0.0	13:56	0.0	0.0	13:56	0.0	0.0	-
13:57	0.0	0.0	13:57	0.0	0.0	13:57	0.0	0.0	-
13:58	0.0	0.0	13:58	0.0	0.0	13:58	0.0	0.0	-
13:59	0.0	0.0	13:59	0.0	0.0	13:59	0.0	0.0	-
14:00	0.0	0.0	14:00	0.0	0.0	14:00	0.0	0.0	-
14:01	0.0	0.0	14:01	0.0	0.0	14:01	0.0	0.0	-
14:02	0.0	0.0	14:02	0.0	0.0	14:02	0.0	0.0	-
14:03	0.0	0.0	14:03	0.0	0.0	14:03	0.0	0.0	-
14:04	0.0	0.0	14:04	0.0	0.0	14:04	0.0	0.0	-
14:05	0.0	0.0	14:05	0.0	0.0	14:05	0.0	0.0	-
14:06	0.0	0.0	14:06	0.0	0.0	14:06	0.0	0.0	-
14:07	0.0	0.0	14:07	0.0	0.0	14:07	0.0	0.0	-
14:08	0.0	0.0	14:08	0.0	0.0	14:08	0.0	0.0	-
14:09	0.0	0.0	14:09	0.0	0.0	14:09	0.0	0.0	-
14:10	0.0	0.0	14:10	0.0	0.0	14:10	0.0	0.0	-
14:11	0.0	0.0	14:11	0.0	0.0	14:11	0.0	0.0	-
14:12	0.0	0.0	14:12	0.0	0.0	14:12	0.0	0.0	-
14:13	0.0	0.0	14:13	0.0	0.0	14:13	0.0	0.0	-
14:14	0.0	0.0	14:14	0.0	0.0	14:14	0.0	0.0	-
14:15	0.0	0.0	14:15	0.0	0.0	14:15	0.0	0.0	-
14:16	0.0	0.0	14:16	0.0	0.0	14:16	0.0	0.0	-
14:17	0.0	0.0	14:17	0.0	0.0	14:17	0.0	0.0	-
14:18	0.0	0.0	14:18	0.0	0.0	14:18	0.0	0.0	-
14:19	0.0	0.0	14:19	0.0	0.0	14:19	0.0	0.0	-
14:20	0.0	0.0	14:20	0.0	0.0	14:20	0.0	0.0	-
14:21	0.0	0.0	14:21	0.0	0.0	14:21	0.0	0.0	-
14:22	0.0	0.0	14:22	0.0	0.0	14:22	0.0	0.0	-
14:23	0.0	0.0	14:23	0.0	0.0	14:23	0.0	0.0	-
14:24	0.0	0.0	14:24	0.0	0.0	14:24	0.0	0.0	-
14:25	0.0	0.0	14:25	0.0	0.0	14:25	0.0	0.0	-
14:26	0.0	0.0	14:26	0.0	0.0	14:26	0.0	0.0	-
14:27	0.0	0.0	14:27	0.0	0.0	14:27	0.0	0.0	-
14:28	0.0	0.0	14:28	0.0	0.0	14:28	0.0	0.0	-
14:29	0.0	0.0	14:29	0.0	0.0	14:29	0.0	0.0	-
14:30	0.0	0.0	14:30	0.0	0.0	14:30	0.0	0.0	-
14:31	0.0	0.0	14:31	0.0	0.0	14:31	0.0	0.0	-
14:32	0.0	0.0	14:32	0.0	0.0	14:32	0.0	0.0	-
14:33	0.0	0.0	14:33	0.0	0.0	14:33	0.0	0.0	-
14:34	0.0	0.0	14:34	0.0	0.0	14:34	0.0	0.0	-
14:35	0.0	0.0	14:35	0.0	0.0	14:35	0.0	0.0	-
14:36	0.0	0.0	14:36	0.0	0.0	14:36	0.0	0.0	-
14:37	0.0	0.0	14:37	0.0	0.0	14:37	0.0	0.0	-
14:38	0.0	0.0	14:38	0.0	0.0	14:38	0.0	0.0	-
14:39	0.0	0.0	14:39	0.0	0.0	14:39	0.0	0.0	-
14:40	0.0	0.0	14:40	0.0	0.0	14:40	0.0	0.0	-
14:41	0.0	0.0	14:41	0.0	0.0	14:41	0.0	0.0	-
14:42	0.0	0.0	14:42	0.0	0.0	14:42	0.0	0.0	-
14:43	0.0	0.0	14:43	0.0	0.0	14:43	0.0	0.0	-
14:44	0.0	0.0	14:44	0.0	0.0	14:44	0.0	0.0	-
14:45	0.0	0.0	14:45	0.0	0.0	14:45	0.0	0.0	-
14:46	0.0	0.0	14:46	0.0	0.0	14:46	0.0	0.0	-
14:47	0.0	0.0	14:47	0.0	0.0	14:47	0.0	0.0	-
14:48	0.0	0.0	14:48	0.0	0.0	14:48	0.0	0.0	-
14:49	0.0	0.0	14:49	0.0	0.0	14:49	0.0	0.0	-
14:50	0.0	0.0	14:50	0.0	0.0	14:50	0.0	0.0	-
14:51	0.0	0.0	14:51	0.0	0.0	14:51	0.0	0.0	-
14:52	0.0	0.0	14:52	0.0	0.0	14:52	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
14:53	0.0	0.0	14:53	0.0	0.0	14:53	0.0	0.0	-
14:54	0.0	0.0	14:54	0.0	0.0	14:54	0.0	0.0	-
14:55	0.0	0.0	14:55	0.0	0.0	14:55	0.0	0.0	-
14:56	0.0	0.0	14:56	0.0	0.0	14:56	0.0	0.0	-
14:57	0.0	0.0	14:57	0.0	0.0	14:57	0.0	0.0	-
14:58	0.0	0.0	14:58	0.0	0.0	14:58	0.0	0.0	-
14:59	0.0	0.0	14:59	0.0	0.0	14:59	0.0	0.0	-
15:00	0.0	0.0	15:00	0.0	0.0	15:00	0.0	0.0	-
15:01	0.0	0.0	15:01	0.0	0.0	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12	0.0	0.0	15:12	0.0	0.0	-
15:13	0.0	0.0	15:13	0.0	0.0	15:13	0.0	0.0	-
15:14	0.0	0.0	15:14	0.0	0.0	15:14	0.0	0.0	-
15:15	0.0	0.0	15:15	0.0	0.0	15:15	0.0	0.0	-
15:16	0.0	0.0	15:16	0.0	0.0	15:16	0.0	0.0	-
15:17	0.0	0.0	15:17	0.0	0.0	15:17	0.0	0.0	-
15:18	0.0	0.0	15:18	0.0	0.0	15:18	0.0	0.0	-
15:19	0.0	0.0	15:19	0.0	0.0	15:19	0.0	0.0	-
15:20	0.0	0.0	15:20	0.0	0.0	15:20	0.0	0.0	-
15:21	0.0	0.0	15:21	0.0	0.0	15:21	0.0	0.0	-
15:22	0.0	0.0	15:22	0.0	0.0	15:22	0.0	0.0	-
15:23	0.0	0.0	15:23	0.0	0.0	15:23	0.0	0.0	-
15:24	0.0	0.0	15:24	0.0	0.0	15:24	0.0	0.0	-
15:25	0.0	0.0	15:25	0.0	0.0	15:25	0.0	0.0	-
15:26	0.0	0.0	15:26	0.0	0.0	15:26	0.0	0.0	-
15:27	0.0	0.0	15:27	0.0	0.0	15:27	0.0	0.0	-
15:28	0.0	0.0	15:28	0.0	0.0	15:28	0.0	0.0	-
15:29	0.0	0.0	15:29	0.0	0.0	15:29	0.0	0.0	-
15:30	0.0	0.0	15:30	0.0	0.0	15:30	0.0	0.0	-
15:31	0.0	0.0	15:31	0.0	0.0	15:31	0.0	0.0	-
15:32	0.0	0.0	15:32	0.0	0.0	15:32	0.0	0.0	-
15:33	0.0	0.0	15:33	0.0	0.0	15:33	0.0	0.0	-
15:34	0.0	0.0	15:34	0.0	0.0	15:34	0.0	0.0	-
15:35	0.0	0.0	15:35	0.0	0.0	15:35	0.0	0.0	-
15:36	0.0	0.0	15:36	0.0	0.0	15:36	0.0	0.0	-
15:37	0.0	0.0	15:37	0.0	0.0	15:37	0.0	0.0	-
15:38	0.0	0.0	15:38	0.0	0.0	15:38	0.0	0.0	-
15:39	0.0	0.0	15:39	0.0	0.0	15:39	0.0	0.0	-
15:40	0.0	0.0	15:40	0.0	0.0	15:40	0.0	0.0	-
15:41	0.0	0.0	15:41	0.0	0.0	15:41	0.0	0.0	-
15:42	0.0	0.0	15:42	0.0	0.0	15:42	0.0	0.0	-
15:43	0.0	0.0	15:43	0.0	0.0	15:43	0.0	0.0	-
15:44	0.0	0.0	15:44	0.0	0.0	15:44	0.0	0.0	-
15:45	0.0	0.0	15:45	0.0	0.0	15:45	0.0	0.0	-
15:46	0.0	0.0	15:46	0.0	0.0	15:46	0.0	0.0	-
15:47	0.0	0.0	15:47	0.0	0.0	15:47	0.0	0.0	-
15:48	0.0	0.0	15:48	0.0	0.0	15:48	0.0	0.0	-
15:49	0.0	0.0	15:49	0.0	0.0	15:49	0.0	0.0	-
15:50	0.0	0.0	15:50	0.0	0.0	15:50	0.0	0.0	-
15:51	0.0	0.0	15:51	0.0	0.0	15:51	0.0	0.0	-
15:52	0.0	0.0	15:52	0.0	0.0	15:52	0.0	0.0	-
15:53	0.0	0.0	15:53	0.0	0.0	15:53	0.0	0.0	-
15:54	0.0	0.0	15:54	0.0	0.0	15:54	0.0	0.0	-
15:55	0.0	0.0	15:55	0.0	0.0	15:55	0.0	0.0	-
15:56	0.0	0.0	15:56	0.0	0.0	15:56	0.0	0.0	-
15:57	0.0	0.0	15:57	0.0	0.0	15:57	0.0	0.0	-
15:58	0.0	0.0	15:58	0.0	0.0	15:58	0.0	0.0	-
15:59	0.0	0.0	15:59	0.0	0.0	15:59	0.0	0.0	-
16:00	0.0	0.0	16:00	0.0	0.0	16:00	0.0	0.0	-
16:01	0.0	0.0	16:01	0.0	0.0	16:01	0.0	0.0	-
16:02	0.0	0.0	16:02	0.0	0.0	16:02	0.0	0.0	-
16:03	0.0	0.0	16:03	0.0	0.0	16:03	0.0	0.0	-
16:04	0.0	0.0	16:04	0.0	0.0	16:04	0.0	0.0	-
16:05	0.0	0.0	16:05	0.0	0.0	16:05	0.0	0.0	-
16:06	0.0	0.0	16:06	0.0	0.0	16:06	0.0	0.0	-
16:07	0.0	0.0	16:07	0.0	0.0	16:07	0.0	0.0	-
16:08	0.0	0.0	16:08	0.0	0.0	16:08	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
16:09	0.0	0.0	16:09	0.0	0.0	16:09	0.0	0.0	-
16:10	0.0	0.0	16:10	0.0	0.0	16:10	0.0	0.0	-
16:11	0.0	0.0	16:11	0.0	0.0	16:11	0.0	0.0	-
16:12	0.0	0.0	16:12	0.0	0.0	16:12	0.0	0.0	-
16:13	0.0	0.0	16:13	0.0	0.0	16:13	0.0	0.0	-
16:14	0.0	0.0	16:14	0.0	0.0	16:14	0.0	0.0	-
16:15	0.0	0.0	16:15	0.0	0.0	16:15	0.0	0.0	-
16:16	0.0	0.0	16:16	0.0	0.0	16:16	0.0	0.0	-
16:17	0.0	0.0	16:17	0.0	0.0	16:17	0.0	0.0	-
16:18	0.0	0.0	16:18	0.0	0.0	16:18	0.0	0.0	-
16:19	0.0	0.0	16:19	0.0	0.0	16:19	0.0	0.0	-
16:20	0.0	0.0	16:20	0.0	0.0	16:20	0.0	0.0	-
16:21	0.0	0.0	16:21	0.0	0.0	16:21	0.0	0.0	-
16:22	0.0	0.0	16:22	0.0	0.0	16:22	0.0	0.0	-
16:23	0.0	0.0	16:23	0.0	0.0	16:23	0.0	0.0	-
16:24	0.0	0.0	16:24	0.0	0.0	16:24	0.0	0.0	-
16:25	0.0	0.0	16:25	0.0	0.0	16:25	0.0	0.0	-
16:26	0.0	0.0	16:26	0.0	0.0	16:26	0.0	0.0	-
16:27	0.0	0.0	16:27	0.0	0.0	16:27	0.0	0.0	-
16:28	0.0	0.0	16:28	0.0	0.0	16:28	0.0	0.0	-
16:29	0.0	0.0	16:29	0.0	0.0	16:29	0.0	0.0	-
16:30	0.0	0.0	16:30	0.0	0.0	16:30	0.0	0.0	-
16:31	0.0	0.0	16:31	0.0	0.0	16:31	0.0	0.0	-
16:32	0.0	0.0	16:32	0.0	0.0	16:32	0.0	0.0	-
16:33	0.0	0.0	16:33	0.0	0.0	16:33	0.0	0.0	-
16:34	0.0	0.0	16:34	0.0	0.0	16:34	0.0	0.0	-
16:35	0.0	0.0	16:35	0.0	0.0	16:35	0.0	0.0	-
16:36	0.0	0.0	16:36	0.0	0.0	16:36	0.0	0.0	-
16:37	0.0	0.0	16:37	0.0	0.0	16:37	0.0	0.0	-
16:38	0.0	0.0	16:38	0.0	0.0	16:38	0.0	0.0	-
16:39	0.0	0.0	16:39	0.0	0.0	16:39	0.0	0.0	-
16:40	0.0	0.0	16:40	0.0	0.0	16:40	0.0	0.0	-
16:41	0.0	0.0	16:41	0.0	0.0	16:41	0.0	0.0	-
16:42	0.0	0.0	16:42	0.0	0.0	16:42	0.0	0.0	-
16:43	0.0	0.0	16:43	0.0	0.0	16:43	0.0	0.0	-
16:44	0.0	0.0	16:44	0.0	0.0	16:44	0.0	0.0	-
16:45	0.0	0.0	16:45	0.0	0.0	16:45	0.0	0.0	-
16:46	0.0	0.0	16:46	0.0	0.0	16:46	0.0	0.0	-
16:47	0.0	0.0	16:47	0.0	0.0	16:47	0.0	0.0	-
16:48	0.0	0.0	16:48	0.0	0.0	16:48	0.0	0.0	-
16:49	0.0	0.0	16:49	0.0	0.0	16:49	0.0	0.0	-
16:50	0.0	0.0	16:50	0.0	0.0	16:50	0.0	0.0	-
16:51	0.0	0.0	16:51	0.0	0.0	16:51	0.0	0.0	-
16:52	0.0	0.0	16:52	0.0	0.0	16:52	0.0	0.0	-
16:53	0.0	0.0	16:53	0.0	0.0	16:53	0.0	0.0	-
16:54	0.0	0.0	16:54	0.0	0.0	16:54	0.0	0.0	-
16:55	0.0	0.0	16:55	0.0	0.0	16:55	0.0	0.0	-
16:56	0.0	0.0	16:56	0.0	0.0	16:56	0.0	0.0	-
16:57	0.0	0.0	16:57	0.0	0.0	16:57	0.0	0.0	-
16:58	0.0	0.0	16:58	0.0	0.0	16:58	0.0	0.0	-
16:59	0.0	0.0	16:59	0.0	0.0	16:59	0.0	0.0	-
17:00	0.0	0.0	17:00	0.0	0.0	17:00	0.0	0.0	-
17:01	0.0	0.0	17:01	0.0	0.0	17:01	0.0	0.0	-
17:02	0.0	0.0	17:02	0.0	0.0	17:02	0.0	0.0	-
17:03	0.0	0.0	17:03	0.0	0.0	17:03	0.0	0.0	-
17:04	0.0	0.0	17:04	0.0	0.0	17:04	0.0	0.0	-
17:05	0.0	0.0	17:05	0.0	0.0	17:05	0.0	0.0	-
17:06	0.0	0.0	17:06	0.0	0.0	17:06	0.0	0.0	-
17:07	0.0	0.0	17:07	0.0	0.0	17:07	0.0	0.0	-
17:08	0.0	0.0	17:08	0.0	0.0	17:08	0.0	0.0	-
17:09	0.0	0.0	17:09	0.0	0.0	17:09	0.0	0.0	-
17:10	0.0	0.0	17:10	0.0	0.0	17:10	0.0	0.0	-
17:11	0.0	0.0	17:11	0.0	0.0	17:11	0.0	0.0	-
17:12	0.0	0.0	17:12	0.0	0.0	17:12	0.0	0.0	-
17:13	0.0	0.0	17:13	0.0	0.0	17:13	0.0	0.0	-
17:14	0.0	0.0	17:14	0.0	0.0	17:14	0.0	0.0	-
17:15	0.0	0.0	17:15	0.0	0.0	17:15	0.0	0.0	-
17:16	0.0	0.0	17:16	0.0	0.0	17:16	0.0	0.0	-
17:17	0.0	0.0	17:17	0.0	0.0	17:17	0.0	0.0	-
17:18	0.0	0.0	17:18	0.0	0.0	17:18	0.0	0.0	-
17:19	0.0	0.0	17:19	0.0	0.0	17:19	0.0	0.0	-
17:20	0.0	0.0	17:20	0.0	0.0	17:20	0.0	0.0	-
17:21	0.0	0.0	17:21	0.0	0.0	17:21	0.0	0.0	-
17:22	0.0	0.0	17:22	0.0	0.0	17:22	0.0	0.0	-
17:23	0.0	0.0	17:23	0.0	0.0	17:23	0.0	0.0	-
17:24	0.0	0.0	17:24	0.0	0.0	17:24	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
17:25	0.0	0.0	17:25	0.0	0.0	17:25	0.0	0.0	-
17:26	0.0	0.0	17:26	0.0	0.0	17:26	0.0	0.0	-
17:27	0.0	0.0	17:27	0.0	0.0	17:27	0.0	0.0	-
17:28	0.0	0.0	17:28	0.0	0.0	17:28	0.0	0.0	-
17:29	0.0	0.0	17:29	0.0	0.0	17:29	0.0	0.0	-
17:30	0.0	0.0	17:30	0.0	0.0	17:30	0.0	0.0	-
17:31	0.0	0.0	17:31	0.0	0.0	17:31	0.0	0.0	-
17:32	0.0	0.0	17:32	0.0	0.0	17:32	0.0	0.0	-
17:33	0.0	0.0	17:33	0.0	0.0	17:33	0.0	0.0	-
17:34	0.0	0.0	17:34	0.0	0.0	17:34	0.0	0.0	-
17:35	0.0	0.0	17:35	0.0	0.0	17:35	0.0	0.0	-
17:36	0.0	0.0	17:36	0.0	0.0	17:36	0.0	0.0	-
17:37	0.0	0.0	17:37	0.0	0.0	17:37	0.0	0.0	-
17:38	0.0	0.0	17:38	0.0	0.0	17:38	0.0	0.0	-
17:39	0.0	0.0	17:39	0.0	0.0	17:39	0.0	0.0	-
17:40	0.0	0.0	17:40	0.0	0.0	17:40	0.0	0.0	-
17:41	0.0	0.0	17:41	0.0	0.0	17:41	0.0	0.0	-
17:42	0.0	0.0	17:42	0.0	0.0	17:42	0.0	0.0	-
17:43	0.0	0.0	17:43	0.0	0.0	17:43	0.0	0.0	-
17:44	0.0	0.0	17:44	0.0	0.0	17:44	0.0	0.0	-
17:45	0.0	0.0	17:45	0.0	0.0	17:45	0.0	0.0	-
17:46	0.0	0.0	17:46	0.0	0.0	17:46	0.0	0.0	-
17:47	0.0	0.0	17:47	0.0	0.0	17:47	0.0	0.0	-
17:48	0.0	0.0	17:48	0.0	0.0	17:48	0.0	0.0	-
17:49	0.0	0.0	17:49	0.0	0.0	17:49	0.0	0.0	-
17:50	0.0	0.0	17:50	0.0	0.0	17:50	0.0	0.0	-
17:51	0.0	0.0	17:51	0.0	0.0	17:51	0.0	0.0	-
17:52	0.0	0.0	17:52	0.0	0.0	17:52	0.0	0.0	-
17:53	0.0	0.0	17:53	0.0	0.0	17:53	0.0	0.0	-
17:54	0.0	0.0	17:54	0.0	0.0	17:54	0.0	0.0	-
17:55	0.0	0.0	17:55	0.0	0.0	17:55	0.0	0.0	-
17:56	0.0	0.0	17:56	0.0	0.0	17:56	0.0	0.0	-
17:57	0.0	0.0	17:57	0.0	0.0	17:57	0.0	0.0	-
17:58	0.0	0.0	17:58	0.0	0.0	17:58	0.0	0.0	-
17:59	0.0	0.0	17:59	0.0	0.0	17:59	0.0	0.0	-
18:00	0.0	0.0	18:00	0.0	0.0	18:00	0.0	0.0	-
18:01	0.0	0.0	18:01	0.0	0.0	18:01	0.0	0.0	-
18:02	0.0	0.0	18:02	0.0	0.0	18:02	0.0	0.0	-
18:03	0.0	0.0	18:03	0.0	0.0	18:03	0.0	0.0	-
18:04	0.0	0.0	18:04	0.0	0.0	18:04	0.0	0.0	-
18:05	0.0	0.0	18:05	0.0	0.0	18:05	0.0	0.0	-
18:06	0.0	0.0	18:06	0.0	0.0	18:06	0.0	0.0	-
18:07	0.0	0.0	18:07	0.0	0.0	18:07	0.0	0.0	-
18:08	0.0	0.0	18:08	0.0	0.0	18:08	0.0	0.0	-
18:09	0.0	0.0	18:09	0.0	0.0	18:09	0.0	0.0	-
18:10	0.0	0.0	18:10	0.0	0.0	18:10	0.0	0.0	-
18:11	0.0	0.0	18:11	0.0	0.0	18:11	0.0	0.0	-
18:12	0.0	0.0	18:12	0.0	0.0	18:12	0.0	0.0	-
18:13	0.0	0.0	18:13	0.0	0.0	18:13	0.0	0.0	-
18:14	0.0	0.0	18:14	0.0	0.0	18:14	0.0	0.0	-
18:15	0.0	0.0	18:15	0.0	0.0	18:15	0.0	0.0	-
18:16	0.0	0.0	18:16	0.0	0.0	18:16	0.0	0.0	-
18:17	0.0	0.0	18:17	0.0	0.0	18:17	0.0	0.0	-
18:18	0.0	0.0	18:18	0.0	0.0	18:18	0.0	0.0	-
18:19	0.0	0.0	18:19	0.0	0.0	18:19	0.0	0.0	-
18:20	0.0	0.0	18:20	0.0	0.0	18:20	0.0	0.0	-
18:21	0.0	0.0	18:21	0.0	0.0	18:21	0.0	0.0	-
18:22	0.0	0.0	18:22	0.0	0.0	18:22	0.0	0.0	-
18:23	0.0	0.0	18:23	0.0	0.0	18:23	0.0	0.0	-
18:24	0.0	0.0	18:24	0.0	0.0	18:24	0.0	0.0	-
18:25	0.0	0.0	18:25	0.0	0.0	18:25	0.0	0.0	-
18:26	0.0	0.0	18:26	0.0	0.0	18:26	0.0	0.0	-
18:27	0.0	0.0	18:27	0.0	0.0	18:27	0.0	0.0	-
18:28	0.0	0.0	18:28	0.0	0.0	18:28	0.0	0.0	-
18:29	0.0	0.0	18:29	0.0	0.0	18:29	0.0	0.0	-
18:30	0.0	0.0	18:30	0.0	0.0	18:30	0.0	0.0	-
18:31	0.0	0.0	18:31	0.0	0.0	18:31	0.0	0.0	-
18:32	0.0	0.0	18:32	0.0	0.0	18:32	0.0	0.0	-
18:33	0.0	0.0	18:33	0.0	0.0	18:33	0.0	0.0	-
18:34	0.0	0.0	18:34	0.0	0.0	18:34	0.0	0.0	-
18:35	0.0	0.0	18:35	0.0	0.0	18:35	0.0	0.0	-
18:36	0.0	0.0	18:36	0.0	0.0	18:36	0.0	0.0	-
18:37	0.0	0.0	18:37	0.0	0.0	18:37	0.0	0.0	-
18:38	0.0	0.0	18:38	0.0	0.0	18:38	0.0	0.0	-
18:39	0.0	0.0	18:39	0.0	0.0	18:39	0.0	0.0	-
18:40	0.0	0.0	18:40	0.0	0.0	18:40	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
18:41	0.0	0.0	18:41	0.0	0.0	18:41	0.0	0.0	-
18:42	0.0	0.0	18:42	0.0	0.0	18:42	0.0	0.0	-
18:43	0.0	0.0	18:43	0.0	0.0	18:43	0.0	0.0	-
18:44	0.0	0.0	18:44	0.0	0.0	18:44	0.0	0.0	-
18:45	0.0	0.0	18:45	0.0	0.0	18:45	0.0	0.0	-
18:46	0.0	0.0	18:46	0.0	0.0	18:46	0.0	0.0	-
18:47	0.0	0.0	18:47	0.0	0.0	18:47	0.0	0.0	-
18:48	0.0	0.0	18:48	0.0	0.0	18:48	0.0	0.0	-
18:49	0.0	0.0	18:49	0.0	0.0	18:49	0.0	0.0	-
18:50	0.0	0.0	18:50	0.0	0.0	18:50	0.0	0.0	-
18:51	0.0	0.0	18:51	0.0	0.0	18:51	0.0	0.0	-
18:52	0.0	0.0	18:52	0.0	0.0	18:52	0.0	0.0	-
18:53	0.0	0.0	18:53	0.0	0.0	18:53	0.0	0.0	-
18:54	0.0	0.0	18:54	0.0	0.0	18:54	0.0	0.0	-
18:55	0.0	0.0	18:55	0.0	0.0	18:55	0.0	0.0	-
18:56	0.0	0.0	18:56	0.0	0.0	18:56	0.0	0.0	-
18:57	0.0	0.0	18:57	0.0	0.0	18:57	0.0	0.0	-
18:58	0.0	0.0	18:58	0.0	0.0	18:58	0.0	0.0	-
18:59	0.0	0.0	18:59	0.0	0.0	18:59	0.0	0.0	-
19:00	0.0	0.0	19:00	0.0	0.0	19:00	0.0	0.0	-
19:01	0.0	0.0	19:01	0.0	0.0	19:01	0.0	0.0	-
19:02	0.0	0.0	19:02	0.0	0.0	19:02	0.0	0.0	-
19:03	0.0	0.0	19:03	0.0	0.0	19:03	0.0	0.0	-
19:04	0.0	0.0	19:04	0.0	0.0	19:04	0.0	0.0	-
19:05	0.0	0.0	19:05	0.0	0.0	19:05	0.0	0.0	-
19:06	0.0	0.0	19:06	0.0	0.0	19:06	0.0	0.0	-
19:07	0.0	0.0	19:07	0.0	0.0	19:07	0.0	0.0	-
19:08	0.0	0.0	19:08	0.0	0.0	19:08	0.0	0.0	-
19:09	0.0	0.0	19:09	0.0	0.0	19:09	0.0	0.0	-
19:10	0.0	0.0	19:10	0.0	0.0	19:10	0.0	0.0	-
19:11	0.0	0.0	19:11	0.0	0.0	19:11	0.0	0.0	-
19:12	0.0	0.0	19:12	0.0	0.0	19:12	0.0	0.0	-
19:13	0.0	0.0	19:13	0.0	0.0	19:13	0.0	0.0	-
19:14	0.0	0.0	19:14	0.0	0.0	19:14	0.0	0.0	-
19:15	0.0	0.0	19:15	0.0	0.0	19:15	0.0	0.0	-
19:16	0.0	0.0	19:16	0.0	0.0	19:16	0.0	0.0	-
19:17	0.0	0.0	19:17	0.0	0.0	19:17	0.0	0.0	-
19:18	0.0	0.0	19:18	0.0	0.0	19:18	0.0	0.0	-
19:19	0.0	0.0	19:19	0.0	0.0	19:19	0.0	0.0	-
19:20	0.0	0.0	19:20	0.0	0.0	19:20	0.0	0.0	-
19:21	0.0	0.0	19:21	0.0	0.0	19:21	0.0	0.0	-
19:22	0.0	0.0	19:22	0.0	0.0	19:22	0.0	0.0	-
19:23	0.0	0.0	19:23	0.0	0.0	19:23	0.0	0.0	-
19:24	0.0	0.0	19:24	0.0	0.0	19:24	0.0	0.0	-
19:25	0.0	0.0	19:25	0.0	0.0	19:25	0.0	0.0	-
19:26	0.0	0.0	19:26	0.0	0.0	19:26	0.0	0.0	-
19:27	0.0	0.0	19:27	0.0	0.0	19:27	0.0	0.0	-
19:28	0.0	0.0	19:28	0.0	0.0	19:28	0.0	0.0	-
19:29	0.0	0.0	19:29	0.0	0.0	19:29	0.0	0.0	-
19:30	0.0	0.0	19:30	0.0	0.0	19:30	0.0	0.0	-
19:31	0.0	0.0	19:31	0.0	0.0	19:31	0.0	0.0	-
19:32	0.0	0.0	19:32	0.0	0.0	19:32	0.0	0.0	-
19:33	0.0	0.0	19:33	0.0	0.0	19:33	0.0	0.0	-
19:34	0.0	0.0	19:34	0.0	0.0	19:34	0.0	0.0	-
19:35	0.0	0.0	19:35	0.0	0.0	19:35	0.0	0.0	-
19:36	0.0	0.0	19:36	0.0	0.0	19:36	0.0	0.0	-
19:37	0.0	0.0	19:37	0.0	0.0	19:37	0.0	0.0	-
19:38	0.0	0.0	19:38	0.0	0.0	19:38	0.0	0.0	-
19:39	0.0	0.0	19:39	0.0	0.0	19:39	0.0	0.0	-
19:40	0.0	0.0	19:40	0.0	0.0	19:40	0.0	0.0	-
19:41	0.0	0.0	19:41	0.0	0.0	19:41	0.0	0.0	-
19:42	0.0	0.0	19:42	0.0	0.0	19:42	0.0	0.0	-
19:43	0.0	0.0	19:43	0.0	0.0	19:43	0.0	0.0	-
19:44	0.0	0.0	19:44	0.0	0.0	19:44	0.0	0.0	-
19:45	0.0	0.0	19:45	0.0	0.0	19:45	0.0	0.0	-
19:46	0.0	0.0	19:46	0.0	0.0	19:46	0.0	0.0	-
19:47	0.0	0.0	19:47	0.0	0.0	19:47	0.0	0.0	-
19:48	0.0	0.0	19:48	0.0	0.0	19:48	0.0	0.0	-
19:49	0.0	0.0	19:49	0.0	0.0	19:49	0.0	0.0	-
19:50	0.0	0.0	19:50	0.0	0.0	19:50	0.0	0.0	-
19:51	0.0	0.0	19:51	0.0	0.0	19:51	0.0	0.0	-
19:52	0.0	0.0	19:52	0.0	0.0	19:52	0.0	0.0	-
19:53	0.0	0.0	19:53	0.0	0.0	19:53	0.0	0.0	-
19:54	0.0	0.0	19:54	0.0	0.0	19:54	0.0	0.0	-
19:55	0.0	0.0	19:55	0.0	0.0	19:55	0.0	0.0	-
19:56	0.0	0.0	19:56	0.0	0.0	19:56	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
19:57	0.0	0.0	19:57	0.0	0.0	19:57	0.0	0.0	-
19:58	0.0	0.0	19:58	0.0	0.0	19:58	0.0	0.0	-
19:59	0.0	0.0	19:59	0.0	0.0	19:59	0.0	0.0	-
20:00	0.0	0.0	20:00	0.0	0.0	20:00	0.0	0.0	-
20:01	0.0	0.0	20:01	0.0	0.0	20:01	0.0	0.0	-
20:02	0.0	0.0	20:02	0.0	0.0	20:02	0.0	0.0	-
20:03	0.0	0.0	20:03	0.0	0.0	20:03	0.0	0.0	-
20:04	0.0	0.0	20:04	0.0	0.0	20:04	0.0	0.0	-
20:05	0.0	0.0	20:05	0.0	0.0	20:05	0.0	0.0	-
20:06	0.0	0.0	20:06	0.0	0.0	20:06	0.0	0.0	-
20:07	0.0	0.0	20:07	0.0	0.0	20:07	0.0	0.0	-
20:08	0.0	0.0	20:08	0.0	0.0	20:08	0.0	0.0	-
20:09	0.0	0.0	20:09	0.0	0.0	20:09	0.0	0.0	-
20:10	0.0	0.0	20:10	0.0	0.0	20:10	0.0	0.0	-
20:11	0.0	0.0	20:11	0.0	0.0	20:11	0.0	0.0	-
20:12	0.0	0.0	20:12	0.0	0.0	20:12	0.0	0.0	-
20:13	0.0	0.0	20:13	0.0	0.0	20:13	0.0	0.0	-
20:14	0.0	0.0	20:14	0.0	0.0	20:14	0.0	0.0	-
20:15	0.0	0.0	20:15	0.0	0.0	20:15	0.0	0.0	-
20:16	0.0	0.0	20:16	0.0	0.0	20:16	0.0	0.0	-
20:17	0.0	0.0	20:17	0.0	0.0	20:17	0.0	0.0	-
20:18	0.0	0.0	20:18	0.0	0.0	20:18	0.0	0.0	-
20:19	0.0	0.0	20:19	0.0	0.0	20:19	0.0	0.0	-
20:20	0.0	0.0	20:20	0.0	0.0	20:20	0.0	0.0	-
20:21	0.0	0.0	20:21	0.0	0.0	20:21	0.0	0.0	-
20:22	0.0	0.0	20:22	0.0	0.0	20:22	0.0	0.0	-
20:23	0.0	0.0	20:23	0.0	0.0	20:23	0.0	0.0	-
20:24	0.0	0.0	20:24	0.0	0.0	20:24	0.0	0.0	-
20:25	0.0	0.0	20:25	0.0	0.0	20:25	0.0	0.0	-
20:26	0.0	0.0	20:26	0.0	0.0	20:26	0.0	0.0	-
20:27	0.0	0.0	20:27	0.0	0.0	20:27	0.0	0.0	-
20:28	0.0	0.0	20:28	0.0	0.0	20:28	0.0	0.0	-
20:29	0.0	0.0	20:29	0.0	0.0	20:29	0.0	0.0	-
20:30	0.0	0.0	20:30	0.0	0.0	20:30	0.0	0.0	-
20:31	0.0	0.0	20:31	0.0	0.0	20:31	0.0	0.0	-
20:32	0.0	0.0	20:32	0.0	0.0	20:32	0.0	0.0	-
20:33	0.0	0.0	20:33	0.0	0.0	20:33	0.0	0.0	-
20:34	0.0	0.0	20:34	0.0	0.0	20:34	0.0	0.0	-
20:35	0.0	0.0	20:35	0.0	0.0	20:35	0.0	0.0	-
20:36	0.0	0.0	20:36	0.0	0.0	20:36	0.0	0.0	-
20:37	0.0	0.0	20:37	0.0	0.0	20:37	0.0	0.0	-
20:38	0.0	0.0	20:38	0.0	0.0	20:38	0.0	0.0	-
20:39	0.0	0.0	20:39	0.0	0.0	20:39	0.0	0.0	-
20:40	0.0	0.0	20:40	0.0	0.0	20:40	0.0	0.0	-
20:41	0.0	0.0	20:41	0.0	0.0	20:41	0.0	0.0	-
20:42	0.0	0.0	20:42	0.0	0.0	20:42	0.0	0.0	-
20:43	0.0	0.0	20:43	0.0	0.0	20:43	0.0	0.0	-
20:44	0.0	0.0	20:44	0.0	0.0	20:44	0.0	0.0	-
20:45	0.0	0.0	20:45	0.0	0.0	20:45	0.0	0.0	-
20:46	0.0	0.0	20:46	0.0	0.0	20:46	0.0	0.0	-
20:47	0.0	0.0	20:47	0.0	0.0	20:47	0.0	0.0	-
20:48	0.0	0.0	20:48	0.0	0.0	20:48	0.0	0.0	-
20:49	0.0	0.0	20:49	0.0	0.0	20:49	0.0	0.0	-
20:50	0.0	0.0	20:50	0.0	0.0	20:50	0.0	0.0	-
20:51	0.0	0.0	20:51	0.0	0.0	20:51	0.0	0.0	-
20:52	0.0	0.0	20:52	0.0	0.0	20:52	0.0	0.0	-
20:53	0.0	0.0	20:53	0.0	0.0	20:53	0.0	0.0	-
20:54	0.0	0.0	20:54	0.0	0.0	20:54	0.0	0.0	-
20:55	0.0	0.0	20:55	0.0	0.0	20:55	0.0	0.0	-
20:56	0.0	0.0	20:56	0.0	0.0	20:56	0.0	0.0	-
20:57	0.0	0.0	20:57	0.0	0.0	20:57	0.0	0.0	-
20:58	0.0	0.0	20:58	0.0	0.0	20:58	0.0	0.0	-
20:59	0.0	0.0	20:59	0.0	0.0	20:59	0.0	0.0	-
21:00	0.0	0.0	21:00	0.0	0.0	21:00	0.0	0.0	-
21:01	0.0	0.0	21:01	0.0	0.0	21:01	0.0	0.0	-
21:02	0.0	0.0	21:02	0.0	0.0	21:02	0.0	0.0	-
21:03	0.0	0.0	21:03	0.0	0.0	21:03	0.0	0.0	-
21:04	0.0	0.0	21:04	0.0	0.0	21:04	0.0	0.0	-
21:05	0.0	0.0	21:05	0.0	0.0	21:05	0.0	0.0	-
21:06	0.0	0.0	21:06	0.0	0.0	21:06	0.0	0.0	-
21:07	0.0	0.0	21:07	0.0	0.0	21:07	0.0	0.0	-
21:08	0.0	0.0	21:08	0.0	0.0	21:08	0.0	0.0	-
21:09	0.0	0.0	21:09	0.0	0.0	21:09	0.0	0.0	-
21:10	0.0	0.0	21:10	0.0	0.0	21:10	0.0	0.0	-
21:11	0.0	0.0	21:11	0.0	0.0	21:11	0.0	0.0	-
21:12	0.0	0.0	21:12	0.0	0.0	21:12	0.0	0.0	-

CAMP Data
30 Water Street
Ossining, NY
BCP No. C360172
April 29, 2025

PID DATA									
Upwind			Downwind			Downwind			Exceeds Particulate Alarm Limit
Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	Time	Concentration (ppm)	15-Min Avg Concentration (ppm)	
21:13	0.0	0.0	21:13	0.0	0.0	21:13	0.0	0.0	-
21:14	0.0	0.0	21:14	0.0	0.0	21:14	0.0	0.0	-
21:15	0.0	0.0	21:15	0.0	0.0	21:15	0.0	0.0	-
21:16	0.0	0.0	21:16	0.0	0.0	21:16	0.0	0.0	-
21:17	0.0	0.0	21:17	0.0	0.0	21:17	0.0	0.0	-
21:18	0.0	0.0	21:18	0.0	0.0	21:18	0.0	0.0	-
21:19	0.0	0.0	21:19	0.0	0.0	21:19	0.0	0.0	-
21:20	0.0	0.0	21:20	0.0	0.0	21:20	0.0	0.0	-
21:21	0.0	0.0	21:21	0.0	0.0	21:21	0.0	0.0	-
21:22	0.0	0.0	21:22	0.0	0.0	21:22	0.0	0.0	-
21:23	0.0	0.0	21:23	0.0	0.0	21:23	0.0	0.0	-
21:24	0.0	0.0	21:24	0.0	0.0	21:24	0.0	0.0	-
21:25	0.0	0.0	21:25	0.0	0.0	21:25	0.0	0.0	-
21:26	0.0	0.0	21:26	0.0	0.0	21:26	0.0	0.0	-
21:27	0.0	0.0	21:27	0.0	0.0	21:27	0.0	0.0	-
21:28	0.0	0.0	21:28	0.0	0.0	21:28	0.0	0.0	-
21:29	0.0	0.0	21:29	0.0	0.0	21:29	0.0	0.0	-
21:30	0.0	0.0	21:30	0.0	0.0	21:30	0.0	0.0	-
21:31	0.0	0.0	21:31	0.0	0.0	21:31	0.0	0.0	-
21:32	0.0	0.0	21:32	0.0	0.0	21:32	0.0	0.0	-
21:33	0.0	0.0	21:33	0.0	0.0	21:33	0.0	0.0	-
21:34	0.0	0.0	21:34	0.0	0.0	21:34	0.0	0.0	-
21:35	0.0	0.0	21:35	0.0	0.0	21:35	0.0	0.0	-
21:36	0.0	0.0	21:36	0.0	0.0	21:36	0.0	0.0	-
21:37	0.0	0.0	21:37	0.0	0.0	21:37	0.0	0.0	-
21:38	0.0	0.0	21:38	0.0	0.0	21:38	0.0	0.0	-
21:39	0.0	0.0	21:39	0.0	0.0	21:39	0.0	0.0	-
21:40	0.0	0.0	21:40	0.0	0.0	21:40	0.0	0.0	-
21:41	0.0	0.0	21:41	0.0	0.0	21:41	0.0	0.0	-
21:42	0.0	0.0	21:42	0.0	0.0	21:42	0.0	0.0	-
21:43	0.0	0.0	21:43	0.0	0.0	21:43	0.0	0.0	-
21:44	0.0	0.0	21:44	0.0	0.0	21:44	0.0	0.0	-
21:45	0.0	0.0	21:45	0.0	0.0	21:45	0.0	0.0	-
21:46	0.0	0.0	21:46	0.0	0.0	21:46	0.0	0.0	-
21:47	0.0	0.0	21:47	0.0	0.0	21:47	0.0	0.0	-
21:48	0.0	0.0	21:48	0.0	0.0	21:48	0.0	0.0	-

Appendix E:

Analytical Results

PERMEABILITY TEST

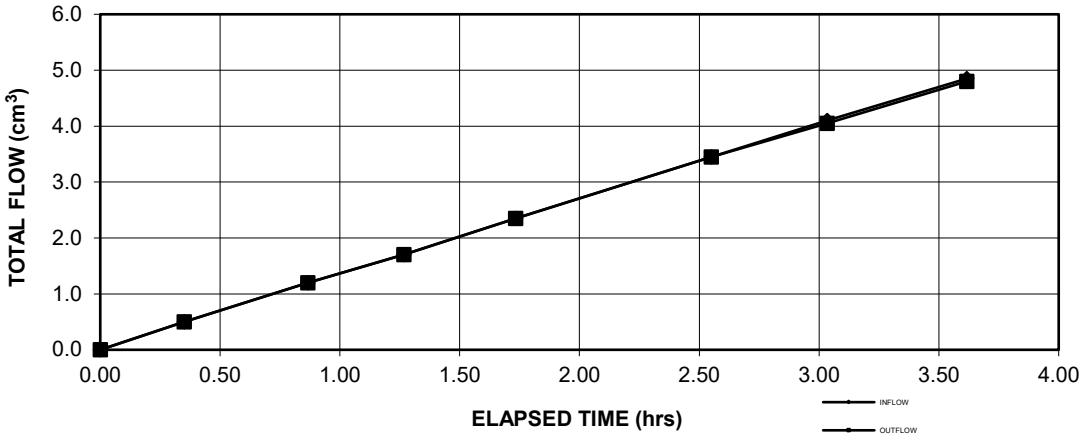
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 7 Day
Lab ID No.:	2025-096-002-001	Avg. Effective Consol. Pressure (psi):	6.25

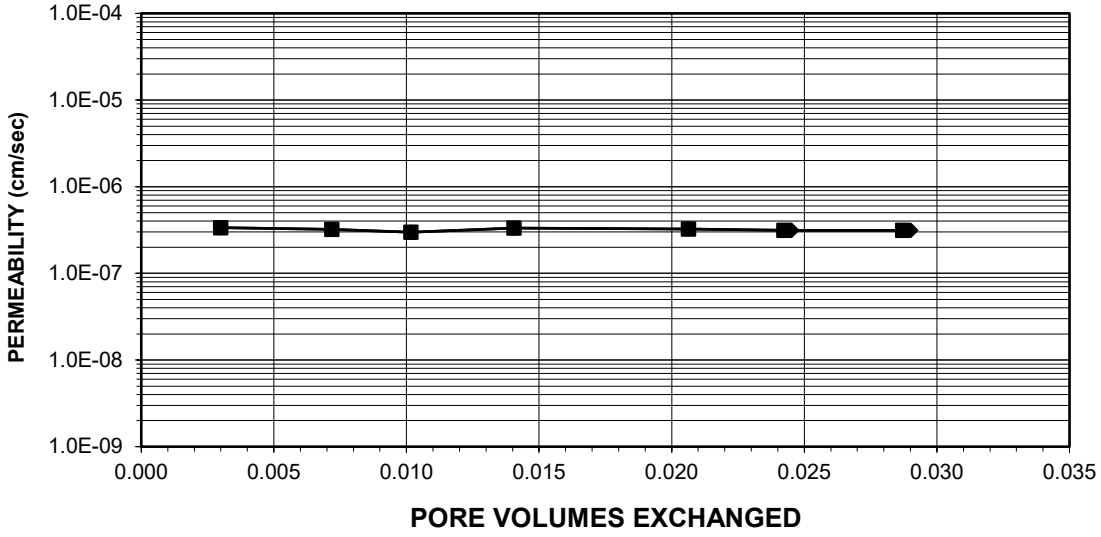
AVERAGE PERMEABILITY = 3.2E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.2E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/24/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 7 Day
Lab ID No.:	2025-096-002-001	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Brown Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	578	1694
Weight of Tare & Wet Sample (g)	586.08	724.66
Weight of Tare & Dry Sample (g)	466.15	580.03
Weight of Tare (g)	83.82	83.27
Weight of Water (g)	119.93	144.63
Weight of Dry Sample (g)	382.33	496.76
Moisture Content (%)	**31.4**	**29.1**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	655.80	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	655.80	644.55
Length 1 (in)	3.038	3.044
Length 2 (in)	3.039	3.039
Length 3 (in)	3.058	3.031
Top Diameter (in)	3.008	2.993
Middle Diameter (in)	3.000	2.999
Bottom Diameter (in)	2.995	3.010
Average Length (in)	3.05	3.04
Average Area (in^2)	7.07	7.07
Sample Volume (cm^3)	352.95	352.06
Unit Wet Weight (g/cm^3)	1.86	1.83
Unit Wet Weight (pcf)	116.0	114.3
Unit Dry Weight (pcf)	88.3	88.5
Unit Dry Weight (g/cm^3)	1.41	1.42
Void Ratio, e	0.91	0.90
Porosity, n	0.48	0.47
Pore Volume (cm^3)	168.1	167.2
Total Weight of Sample After Test (g)		664.63

Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/24/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 7 Day
Lab ID No.:	2025-096-002-001	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	77.5
Bottom Cap (psi)	80.0
Cell (psi)	85.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	22.78

Final Sample Dimensions	
Sample Length (cm), L	7.72
Sample Diameter (cm)	7.62
Sample Area (cm^2), A	45.62
Inflow Burette Area (cm^2), a-in	0.962
Outflow Burette Area (cm^2), a-out	0.962
B Parameter (%)	95

AVERAGE PERMEABILITY = 3.2E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.2E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
2/20/2025	12	43	0.000	0.0	0.0	200.6	0	19.6	NA
2/20/2025	13	4	0.350	0.5	0.5	199.5	0	19.6	3.4E-07
2/20/2025	13	35	0.867	1.2	1.2	198.1	0	19.6	3.2E-07
2/20/2025	13	59	1.267	1.7	1.7	197.0	0	19.6	3.0E-07
2/20/2025	14	27	1.733	2.4	2.4	195.7	0	19.6	3.3E-07
2/20/2025	15	16	2.550	3.5	3.5	193.4	0	19.7	3.3E-07
2/20/2025	15	45	3.033	4.1	4.1	192.1	0	19.8	3.1E-07
2/20/2025	16	20	3.617	4.9	4.8	190.6	1	19.9	3.1E-07

Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/24/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

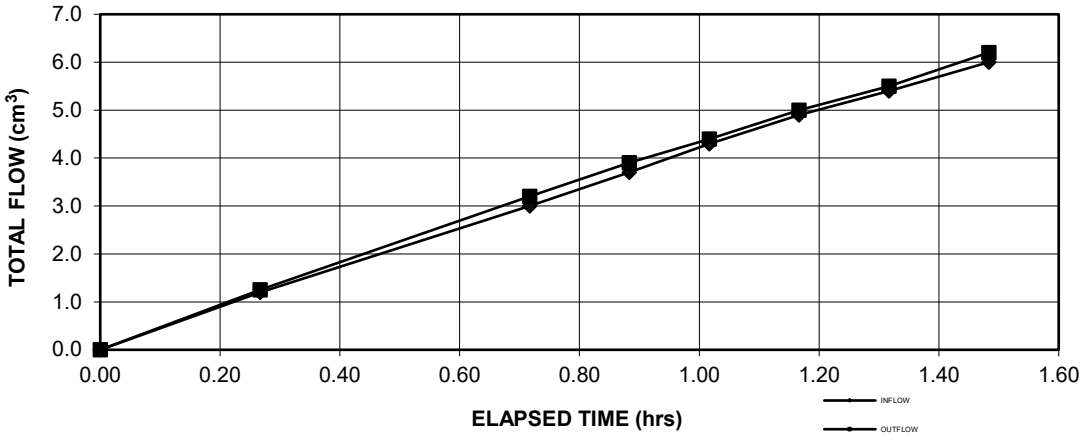
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 7 Day
Lab ID No.:	2025-096-002-003	Avg. Effective Consol. Pressure (psi):	6.25

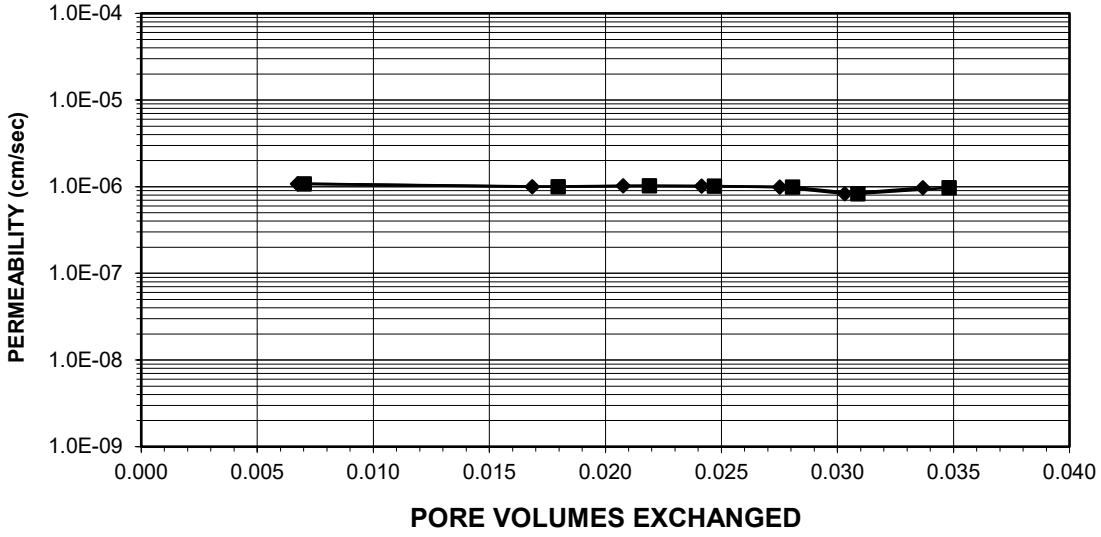
AVERAGE PERMEABILITY = 9.5E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 9.5E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/21/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 7 Day
Lab ID No.:	2025-096-002-003	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Brown Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	1131A	878
Weight of Tare & Wet Sample (g)	539.36	761.27
Weight of Tare & Dry Sample (g)	418.88	604.88
Weight of Tare (g)	83.70	109.85
Weight of Water (g)	120.48	156.39
Weight of Dry Sample (g)	335.18	495.03
Moisture Content (%)	**35.9**	**31.6**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	649.79	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	649.79	628.98
Length 1 (in)	3.046	3.047
Length 2 (in)	3.066	3.062
Length 3 (in)	3.057	3.067
Top Diameter (in)	2.997	2.998
Middle Diameter (in)	3.003	3.001
Bottom Diameter (in)	3.010	3.012
Average Length (in)	3.06	3.06
Average Area (in^2)	7.08	7.09
Sample Volume (cm^3)	354.81	355.16
Unit Wet Weight (g/cm^3)	1.83	1.77
Unit Wet Weight (pcf)	114.3	110.5
Unit Dry Weight (pcf)	84.1	84.0
Unit Dry Weight (g/cm^3)	1.35	1.35
Void Ratio, e	1.00	1.01
Porosity, n	0.50	0.50
Pore Volume (cm^3)	177.8	178.1
Total Weight of Sample After Test (g)		656.65

Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/21/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 7 Day
Lab ID No.:	2025-096-002-003	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	67.5
Bottom Cap (psi)	70.0
Cell (psi)	75.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	22.62

Final Sample Dimensions	
Sample Length (cm), L	7.77
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.72
Inflow Burette Area (cm^2), a-in	0.879
Outflow Burette Area (cm^2), a-out	0.896
B Parameter (%)	95

AVERAGE PERMEABILITY = 9.5E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 9.5E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
2/20/2025	10	47	0.000	0.0	0.0	203.3	0	19.8	NA
2/20/2025	11	3	0.267	1.2	1.3	200.5	0	19.8	1.1E-06
2/20/2025	11	30	0.717	3.0	3.2	196.3	0	19.7	1.0E-06
2/20/2025	11	40	0.883	3.7	3.9	194.7	0	19.7	1.0E-06
2/20/2025	11	48	1.017	4.3	4.4	193.4	0	19.7	1.0E-06
2/20/2025	11	57	1.167	4.9	5.0	192.1	0	19.7	9.9E-07
2/20/2025	12	6	1.317	5.4	5.5	190.9	0	19.7	8.3E-07
2/20/2025	12	16	1.483	6.0	6.2	189.5	1	19.7	9.8E-07

Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/21/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

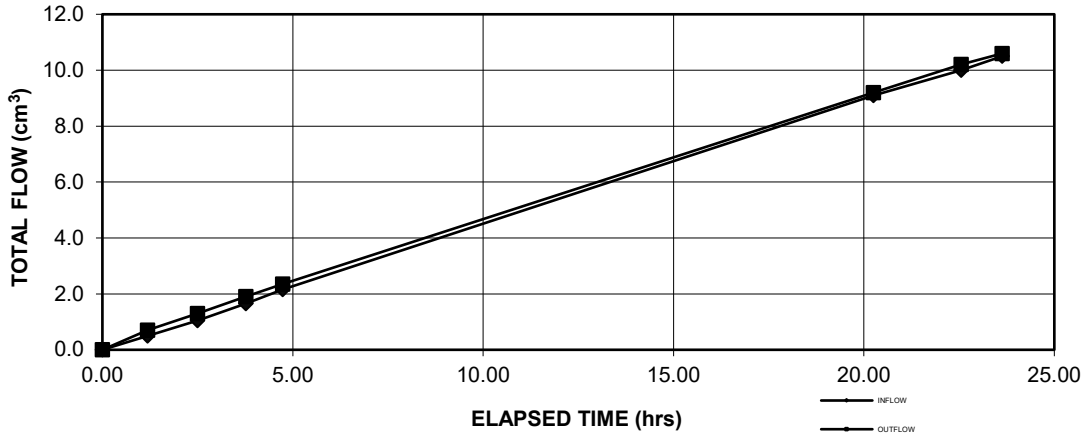
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-C, 4/29/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-005	Sample No.:	Pilot-C-6-8, 7 Day
Lab ID No.:	2025-096-005-001	Avg. Effective Consol. Pressure (psi):	6.25

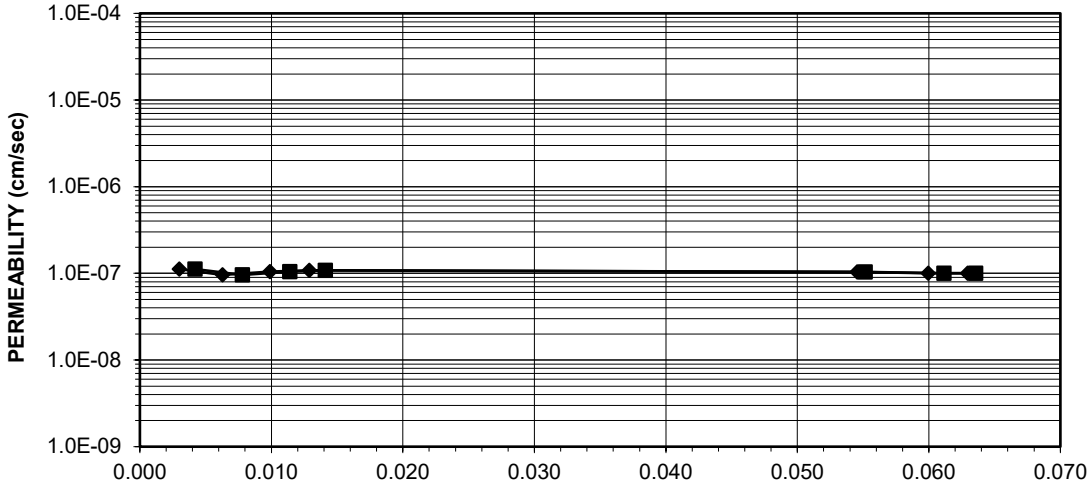
AVERAGE PERMEABILITY = 1.0E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 1.0E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 5/6/25 Checked By: JLK Date: 5/9/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-C, 4/29/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-005	Sample No.:	Pilot-C-6-8, 7 Day
Lab ID No.:	2025-096-005-001	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	569	1723
Weight of Tare & Wet Sample (g)	453.62	712.68
Weight of Tare & Dry Sample (g)	371.15	561.42
Weight of Tare (g)	82.68	82.65
Weight of Water (g)	82.47	151.26
Weight of Dry Sample (g)	288.47	478.77
Moisture Content (%)	**28.6**	**31.6**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	628.16	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	628.16	642.84
Length 1 (in)	2.987	2.991
Length 2 (in)	2.997	2.986
Length 3 (in)	2.988	2.991
Top Diameter (in)	3.014	3.013
Middle Diameter (in)	3.005	3.006
Bottom Diameter (in)	2.999	3.000
Average Length (in)	2.99	2.99
Average Area (in^2)	7.10	7.10
Sample Volume (cm^3)	347.81	347.73
Unit Wet Weight (g/cm^3)	1.81	1.85
Unit Wet Weight (pcf)	112.7	115.4
Unit Dry Weight (pcf)	87.7	87.7
Unit Dry Weight (g/cm^3)	1.40	1.40
Void Ratio, e	0.92	0.92
Porosity, n	0.48	0.48
Pore Volume (cm^3)	166.9	166.8
Total Weight of Sample After Test (g)		641.47

Tested By: WT Date: 5/6/25 Checked By: JLK Date: 5/9/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-C, 4/29/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-005	Sample No.:	Pilot-C-6-8, 7 Day
Lab ID No.:	2025-096-005-001	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.15

Final Sample Dimensions	
Sample Length (cm), L	7.59
Sample Diameter (cm)	7.64
Sample Area (cm^2), A	45.80
Inflow Burette Area (cm^2), a-in	1.044
Outflow Burette Area (cm^2), a-out	0.888

AVERAGE PERMEABILITY = 1.0E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 1.0E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
5/7/2025	11	9	0.000	0.0	0.0	202.9	0	21.6	NA
5/7/2025	12	20	1.183	0.5	0.7	201.6	0	21.8	1.1E-07
5/7/2025	13	39	2.500	1.1	1.3	200.4	0	21.9	9.6E-08
5/7/2025	14	55	3.767	1.7	1.9	199.1	0	21.9	1.0E-07
5/7/2025	15	53	4.733	2.2	2.4	198.2	0	21.9	1.1E-07
5/8/2025	7	24	20.250	9.1	9.2	183.8	0	21.3	1.0E-07
5/8/2025	9	42	22.550	10.0	10.2	181.8	0	21.6	1.0E-07
5/8/2025	10	47	23.633	10.5	10.6	180.9	1	21.7	1.0E-07

Tested By: WT Date: 5/6/25 Checked By: JLK Date: 5/9/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

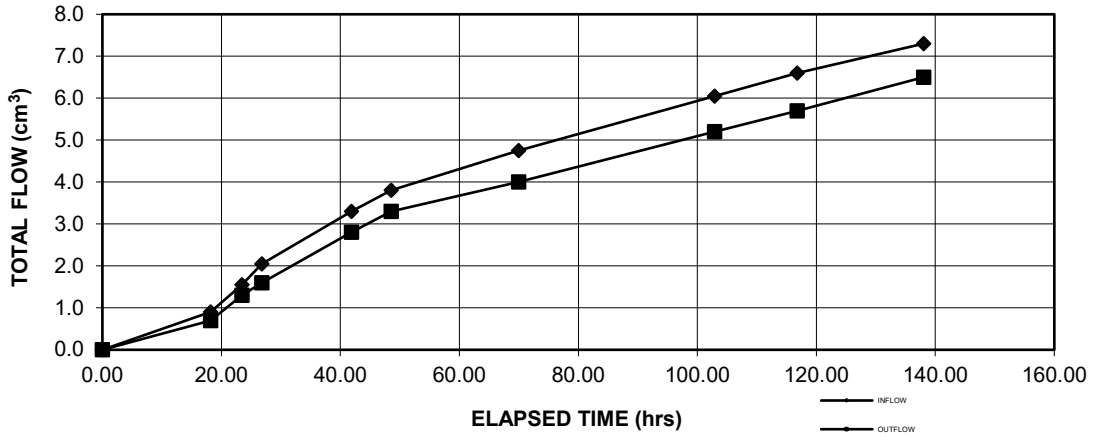
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-C, 4/29/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-005	Sample No.:	Pilot-C-12-14, 7 Day
Lab ID No.:	2025-096-005-003	Avg. Effective Consol. Pressure (psi):	6.25

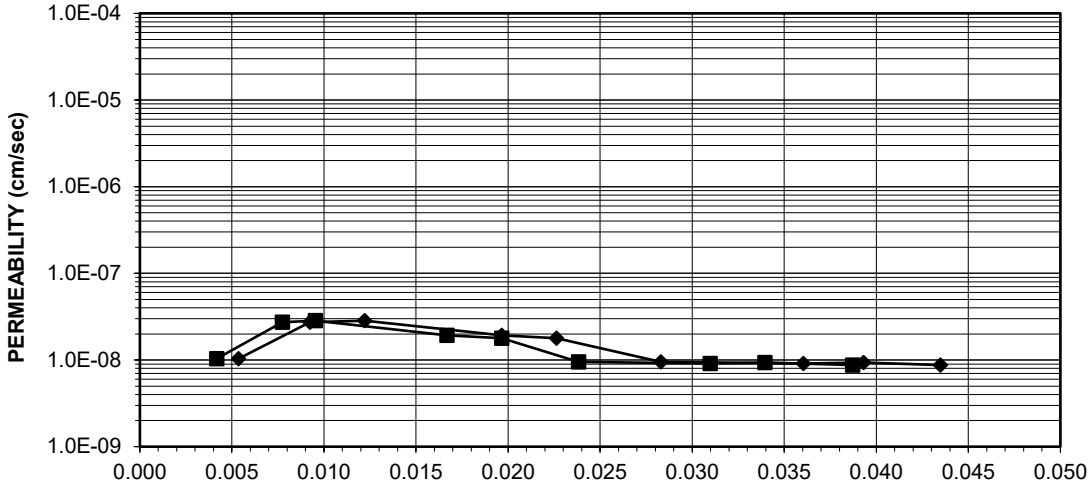
AVERAGE PERMEABILITY = 9.2E-09 cm/sec @ 20°C

AVERAGE PERMEABILITY = 9.2E-11 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 5/6/25 Checked By: JLK Date: 5/14/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-C, 4/29/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-005	Sample No.:	Pilot-C-12-14, 7 Day
Lab ID No.:	2025-096-005-003	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	1723	1458.5
Weight of Tare & Wet Sample (g)	502.06	753.58
Weight of Tare & Dry Sample (g)	412.54	604.10
Weight of Tare (g)	82.65	82.41
Weight of Water (g)	89.52	149.48
Weight of Dry Sample (g)	329.89	521.69
Moisture Content (%)	**27.1**	**28.7**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	661.17	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	661.17	669.06
Length 1 (in)	3.095	3.082
Length 2 (in)	3.083	3.104
Length 3 (in)	3.082	3.097
Top Diameter (in)	3.015	3.005
Middle Diameter (in)	3.005	3.008
Bottom Diameter (in)	2.997	3.013
Average Length (in)	3.09	3.09
Average Area (in^2)	7.10	7.11
Sample Volume (cm^3)	358.89	360.50
Unit Wet Weight (g/cm^3)	1.84	1.86
Unit Wet Weight (pcf)	115.0	115.8
Unit Dry Weight (pcf)	90.5	90.0
Unit Dry Weight (g/cm^3)	1.45	1.44
Void Ratio, e	0.86	0.87
Porosity, n	0.46	0.47
Pore Volume (cm^3)	166.3	167.9
Total Weight of Sample After Test (g)		676.97

Tested By: WT Date: 5/6/25 Checked By: JLK Date: 5/14/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-C, 4/29/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-005	Sample No.:	Pilot-C-12-14, 7 Day
Lab ID No.:	2025-096-005-003	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	22.36

Final Sample Dimensions	
Sample Length (cm), L	7.86
Sample Diameter (cm)	7.64
Sample Area (cm^2), A	45.87
Inflow Burette Area (cm^2), a-in	0.861
Outflow Burette Area (cm^2), a-out	0.967

AVERAGE PERMEABILITY = 9.2E-09 cm/sec @ 20°C

AVERAGE PERMEABILITY = 9.2E-11 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
5/7/2025	13	14	0.000	0.0	0.0	198.7	0	21.8	NA
5/8/2025	7	25	18.183	0.9	0.7	196.9	0	21.3	1.0E-08
5/8/2025	12	43	23.483	1.6	1.3	195.5	0	21.9	2.7E-08
5/8/2025	16	2	26.800	2.1	1.6	194.6	0	22.0	2.8E-08
5/9/2025	7	7	41.883	3.3	2.8	191.9	0	21.4	1.9E-08
5/9/2025	13	45	48.517	3.8	3.3	190.8	0	22.0	1.8E-08
5/10/2025	11	13	69.983	4.8	4.0	189.0	0	20.7	9.5E-09
5/11/2025	20	7	102.883	6.1	5.2	186.3	0	22.5	9.1E-09
5/12/2025	10	0	116.767	6.6	5.7	185.1	0	21.7	9.3E-09
5/13/2025	7	16	138.033	7.3	6.5	183.5	1	21.4	8.8E-09

Tested By: WT Date: 5/6/25 Checked By: JLK Date: 5/14/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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March 12, 2025

Project No. 2025-096-001

Brenna Ilg
Renova Environmental Company.
3417 Sunset Avenue
Ocean Township, NJ 07712

Transmittal
Laboratory Test Results
30 Water St. Ossining, NY

Please find attached the laboratory test results for the above referenced project. The tests were outlined on the Project Verification Form that was transmitted to your firm prior to the testing. The testing was performed in general accordance with the methods listed on the enclosed data sheets. The test results are believed to be representative of the samples that were submitted for testing and are indicative only of the specimens that were evaluated. We have no direct knowledge of the origin of the samples and imply no position with regard to the nature of the test results, i.e. pass/fail and no claims as to the suitability of the material for its intended use.

The test data and all associated project information provided shall be held in strict confidence and disclosed to other parties only with authorization by our Client. The test data submitted herein is considered integral with this report and is not to be reproduced except in whole and only with the authorization of the Client and Geotechnics. The remaining sample materials for this project will be retained for a minimum of 90 days as directed by the Geotechnics' Quality Program.

We are pleased to provide these testing services. Should you have any questions or if we may be of further assistance, please contact our office.

Respectfully submitted,
Geotechnics, Inc.

Nathan Melaro
Director of Operations

We understand that you have a choice in your laboratory services and we thank you for choosing Geotechnics.

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PERMEABILITY TEST

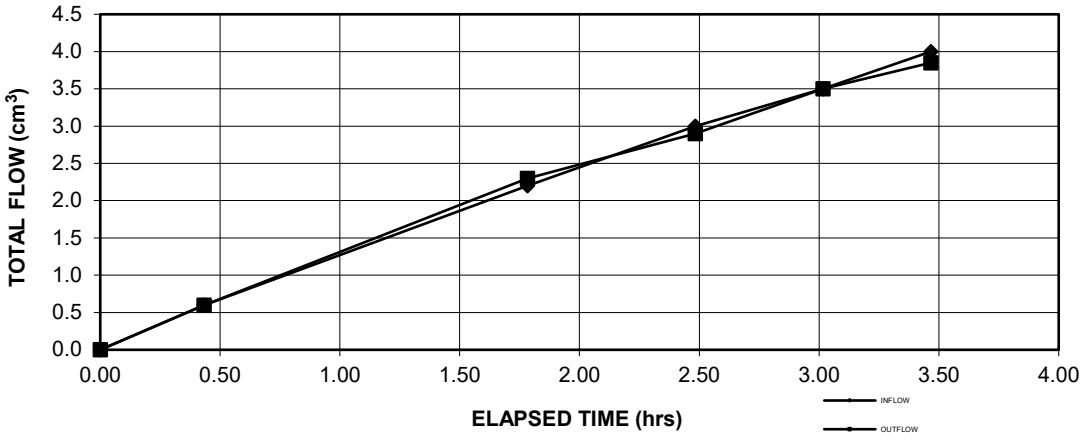
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-001	Sample No.:	Pilot-H-6-8, 7 Day
Lab ID No.:	2025-096-001-001	Avg. Effective Consol. Pressure (psi):	6.25

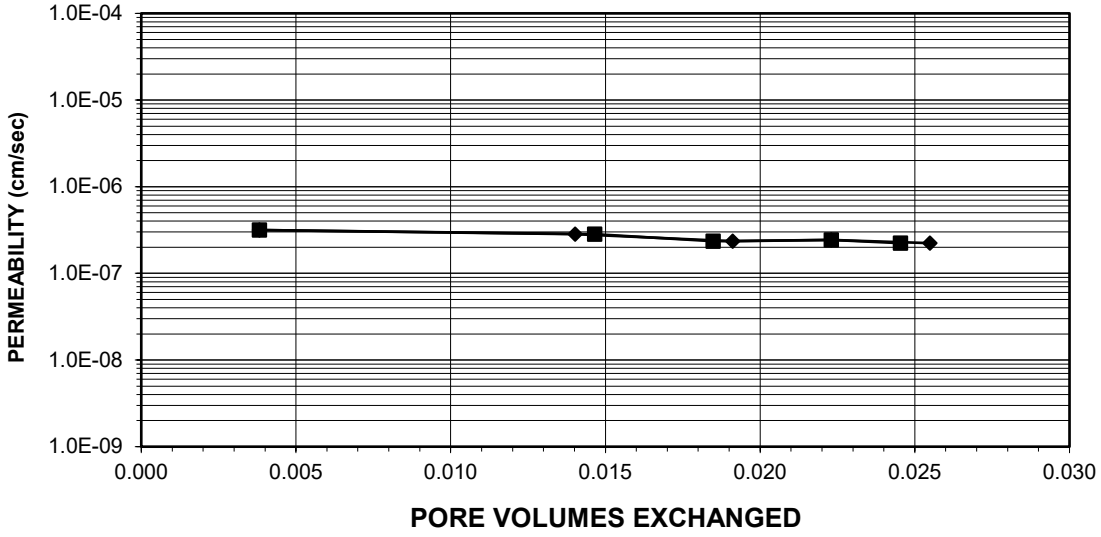
AVERAGE PERMEABILITY = 2.5E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.5E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 2/14/25 Checked By: JLK Date: 2/19/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-001	Sample No.:	Pilot-H-6-8, 7 Day
Lab ID No.:	2025-096-001-001	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	610	605
Weight of Tare & Wet Sample (g)	466.37	735.64
Weight of Tare & Dry Sample (g)	382.73	595.28
Weight of Tare (g)	82.72	85.73
Weight of Water (g)	83.64	140.36
Weight of Dry Sample (g)	300.01	509.55
Moisture Content (%)	**27.9**	**27.5**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	656.22	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	656.22	654.51
Length 1 (in)	2.993	2.973
Length 2 (in)	2.976	3.013
Length 3 (in)	3.010	2.983
Top Diameter (in)	3.016	3.013
Middle Diameter (in)	3.003	3.002
Bottom Diameter (in)	2.996	2.994
Average Length (in)	2.99	2.99
Average Area (in^2)	7.09	7.08
Sample Volume (cm^3)	347.85	347.00
Unit Wet Weight (g/cm^3)	1.89	1.89
Unit Wet Weight (pcf)	117.8	117.7
Unit Dry Weight (pcf)	92.1	92.3
Unit Dry Weight (g/cm^3)	1.48	1.48
Void Ratio, e	0.83	0.83
Porosity, n	0.45	0.45
Pore Volume (cm^3)	157.8	156.9
Total Weight of Sample After Test (g)		667.66

Tested By: WT Date: 2/14/25 Checked By: JLK Date: 2/19/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-001	Sample No.:	Pilot-H-6-8, 7 Day
Lab ID No.:	2025-096-001-001	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.14

Final Sample Dimensions	
Sample Length (cm), L	7.59
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.69
Inflow Burette Area (cm^2), a-in	0.960
Outflow Burette Area (cm^2), a-out	0.922

AVERAGE PERMEABILITY = 2.5E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.5E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
2/17/2025	11	37	0.000	0.0	0.0	200.4	0	20.4	NA
2/17/2025	12	3	0.433	0.6	0.6	199.1	0	20.3	3.2E-07
2/17/2025	13	24	1.783	2.2	2.3	195.6	0	20.2	2.8E-07
2/17/2025	14	6	2.483	3.0	2.9	194.1	0	20.2	2.3E-07
2/17/2025	14	38	3.017	3.5	3.5	192.9	0	20.3	2.4E-07
2/17/2025	15	5	3.467	4.0	3.9	192.1	1	20.3	2.2E-07

Tested By: WT Date: 2/14/25 Checked By: JLK Date: 2/19/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-001	Sample No.:	PilotH-6-8, 28 Day
Lab ID No.:	2025-096-001-002	Avg. Effective Consol. Pressure (psi):	6.25

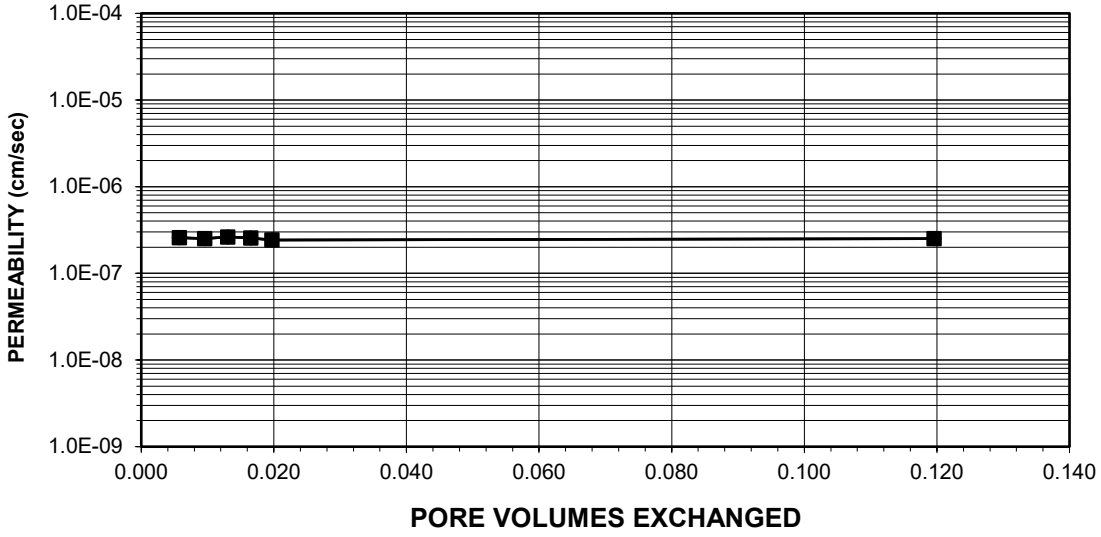
AVERAGE PERMEABILITY = 2.5E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.5E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/12/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-001	Sample No.:	PilotH-6-8, 28 Day
Lab ID No.:	2025-096-001-002	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	555	591
Weight of Tare & Wet Sample (g)	433.08	764.51
Weight of Tare & Dry Sample (g)	361.01	620.89
Weight of Tare (g)	81.32	87.12
Weight of Water (g)	72.07	143.62
Weight of Dry Sample (g)	279.69	533.77
Moisture Content (%)	**25.8**	**26.9**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	669.69	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	669.69	675.75
Length 1 (in)	3.050	3.057
Length 2 (in)	3.039	3.039
Length 3 (in)	3.062	3.057
Top Diameter (in)	3.013	3.013
Middle Diameter (in)	3.001	3.004
Bottom Diameter (in)	2.993	2.996
Average Length (in)	3.05	3.05
Average Area (in^2)	7.08	7.09
Sample Volume (cm^3)	353.88	354.43
Unit Wet Weight (g/cm^3)	1.89	1.91
Unit Wet Weight (pcf)	118.1	119.0
Unit Dry Weight (pcf)	93.9	93.8
Unit Dry Weight (g/cm^3)	1.50	1.50
Void Ratio, e	0.79	0.80
Porosity, n	0.44	0.44
Pore Volume (cm^3)	156.7	157.2
Total Weight of Sample After Test (g)		682.92

Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/12/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-001	Sample No.:	PilotH-6-8, 28 Day
Lab ID No.:	2025-096-001-002	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	22.68

Final Sample Dimensions	
Sample Length (cm), L	7.75
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.74
Inflow Burette Area (cm^2), a-in	0.866
Outflow Burette Area (cm^2), a-out	0.962

AVERAGE PERMEABILITY = 2.5E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.5E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/10/2025	12	19	0.000	0.0	0.0	202.9	0	20.8	NA
3/10/2025	13	7	0.800	0.9	0.9	200.9	0	20.8	2.6E-07
3/10/2025	13	40	1.350	1.5	1.5	199.6	0	20.8	2.5E-07
3/10/2025	14	9	1.833	2.1	2.1	198.4	0	20.9	2.6E-07
3/10/2025	14	39	2.333	2.6	2.6	197.1	0	20.9	2.6E-07
3/10/2025	15	8	2.817	3.1	3.1	196.0	0	20.9	2.4E-07
3/11/2025	7	36	19.283	18.8	18.8	161.6	1	20.2	2.5E-07

Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/12/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

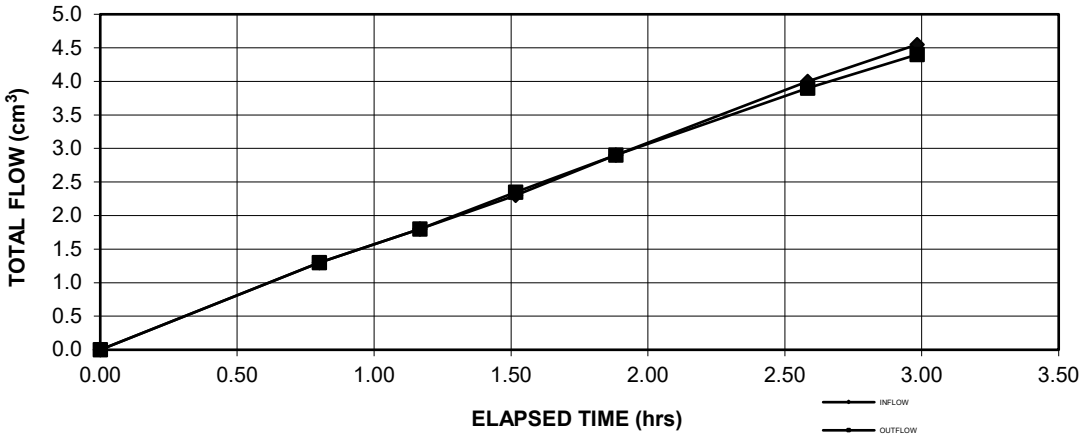
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-001	Sample No.:	Pilot-H-12-14, 7 Day
Lab ID No.:	2025-096-001-003	Avg. Effective Consol. Pressure (psi):	6.25

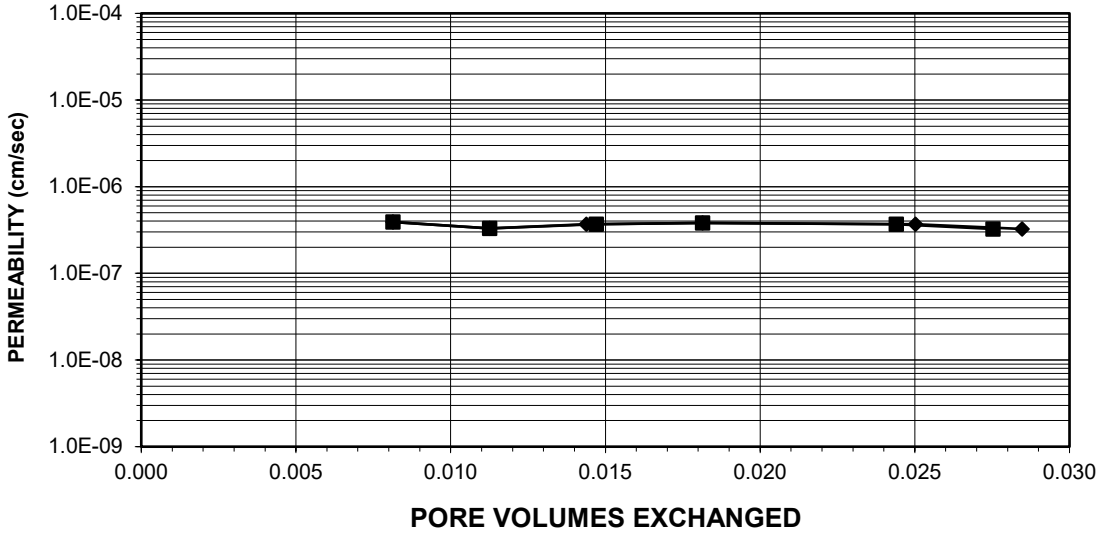
AVERAGE PERMEABILITY = 3.6E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.6E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 2/14/25 Checked By: JLK Date: 2/19/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-001	Sample No.:	Pilot-H-12-14, 7 Day
Lab ID No.:	2025-096-001-003	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	609	580
Weight of Tare & Wet Sample (g)	435.06	760.46
Weight of Tare & Dry Sample (g)	355.03	615.01
Weight of Tare (g)	80.62	83.89
Weight of Water (g)	80.03	145.45
Weight of Dry Sample (g)	274.41	531.12
Moisture Content (%)	**29.2**	**27.4**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	671.97	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	671.97	662.72
Length 1 (in)	3.021	3.021
Length 2 (in)	3.033	3.055
Length 3 (in)	3.053	3.024
Top Diameter (in)	3.019	3.014
Middle Diameter (in)	3.003	3.004
Bottom Diameter (in)	2.997	2.997
Average Length (in)	3.04	3.03
Average Area (in^2)	7.10	7.09
Sample Volume (cm^3)	353.12	352.53
Unit Wet Weight (g/cm^3)	1.90	1.88
Unit Wet Weight (pcf)	118.8	117.3
Unit Dry Weight (pcf)	92.0	92.1
Unit Dry Weight (g/cm^3)	1.47	1.48
Void Ratio, e	0.83	0.83
Porosity, n	0.45	0.45
Pore Volume (cm^3)	160.4	159.9
Total Weight of Sample After Test (g)		679.93

Tested By: WT Date: 2/14/25 Checked By: JLK Date: 2/19/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-001	Sample No.:	Pilot-H-12-14, 7 Day
Lab ID No.:	2025-096-001-003	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	22.81

Final Sample Dimensions	
Sample Length (cm), L	7.70
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.76
Inflow Burette Area (cm^2), a-in	1.056
Outflow Burette Area (cm^2), a-out	0.902

AVERAGE PERMEABILITY = 3.6E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.6E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
2/18/2025	7	40	0.000	0.0	0.0	195.9	0	19.8	NA
2/18/2025	8	28	0.800	1.3	1.3	193.2	0	19.9	3.9E-07
2/18/2025	8	50	1.167	1.8	1.8	192.2	0	19.9	3.3E-07
2/18/2025	9	11	1.517	2.3	2.4	191.1	0	19.9	3.7E-07
2/18/2025	9	33	1.883	2.9	2.9	189.9	0	20.0	3.8E-07
2/18/2025	10	15	2.583	4.0	3.9	187.8	0	20.0	3.7E-07
2/18/2025	10	39	2.983	4.6	4.4	186.7	1	20.1	3.3E-07

Tested By: WT Date: 2/14/25 Checked By: JLK Date: 2/19/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

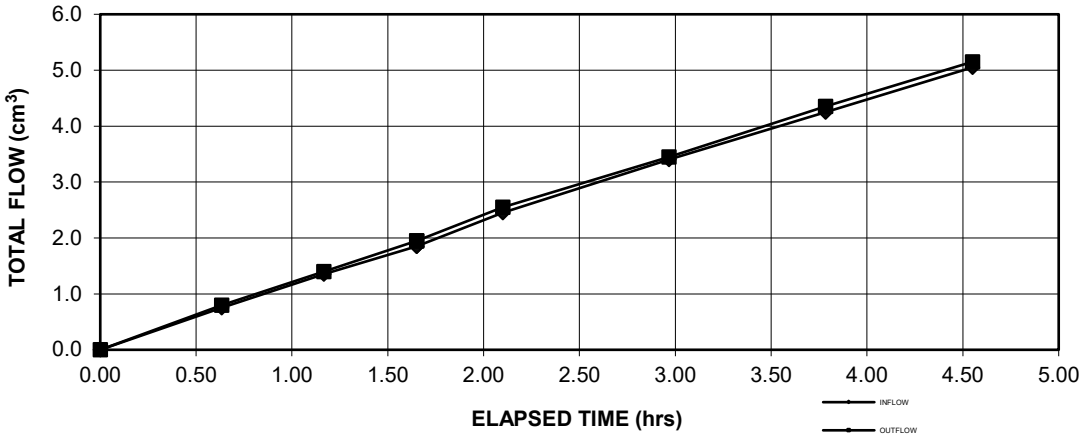
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-001	Sample No.:	PilotH-12-14, 28 Day
Lab ID No.:	2025-096-001-004	Avg. Effective Consol. Pressure (psi):	6.25

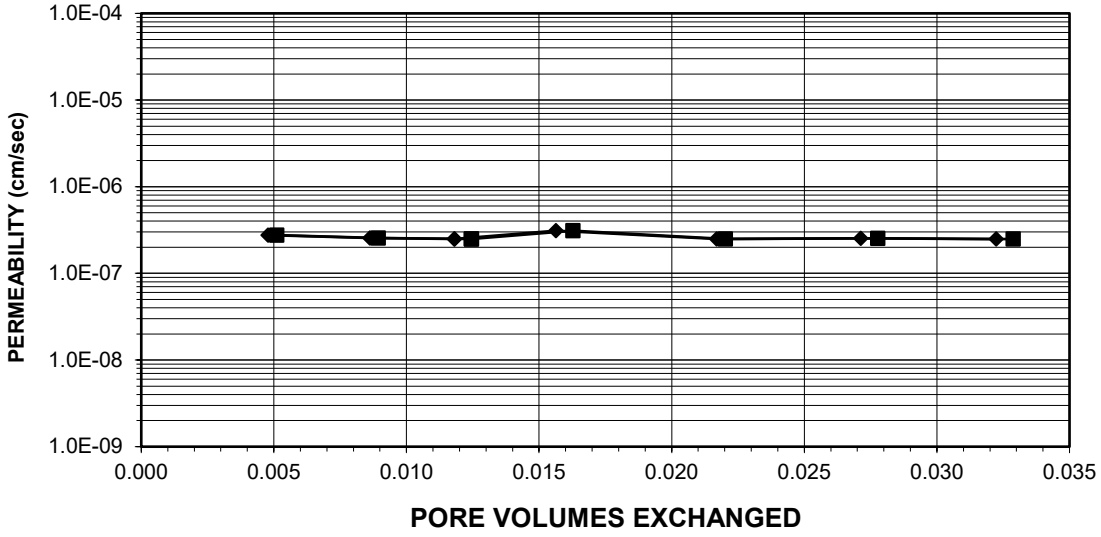
AVERAGE PERMEABILITY = 2.7E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.7E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/12/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-001	Sample No.:	PilotH-12-14, 28 Day
Lab ID No.:	2025-096-001-004	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	897	1724
Weight of Tare & Wet Sample (g)	416.06	691.88
Weight of Tare & Dry Sample (g)	348.31	562.09
Weight of Tare (g)	109.18	82.28
Weight of Water (g)	67.75	129.79
Weight of Dry Sample (g)	239.13	479.81
Moisture Content (%)	**28.3**	**27.1**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	665.74	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	665.74	659.09
Length 1 (in)	3.008	3.003
Length 2 (in)	3.001	3.010
Length 3 (in)	3.011	3.001
Top Diameter (in)	3.015	3.012
Middle Diameter (in)	3.002	3.003
Bottom Diameter (in)	2.994	2.995
Average Length (in)	3.01	3.00
Average Area (in^2)	7.09	7.08
Sample Volume (cm^3)	349.12	348.81
Unit Wet Weight (g/cm^3)	1.91	1.89
Unit Wet Weight (pcf)	119.0	117.9
Unit Dry Weight (pcf)	92.8	92.8
Unit Dry Weight (g/cm^3)	1.49	1.49
Void Ratio, e	0.82	0.82
Porosity, n	0.45	0.45
Pore Volume (cm^3)	157.0	156.7
Total Weight of Sample After Test (g)		674.55

Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/12/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-H 2/7/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-001	Sample No.:	PilotH-12-14, 28 Day
Lab ID No.:	2025-096-001-004	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.03

Final Sample Dimensions	
Sample Length (cm), L	7.63
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.71
Inflow Burette Area (cm^2), a-in	0.936
Outflow Burette Area (cm^2), a-out	0.972

AVERAGE PERMEABILITY = 2.7E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.7E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/10/2025	13	30	0.000	0.0	0.0	200.9	0	20.8	NA
3/10/2025	14	8	0.633	0.8	0.8	199.2	0	20.9	2.8E-07
3/10/2025	14	40	1.167	1.4	1.4	198.0	0	20.9	2.6E-07
3/10/2025	15	9	1.650	1.9	2.0	196.9	1	20.9	2.5E-07
3/11/2025	7	35	1.650	1.9	2.0	197.7	0	20.2	NA
3/11/2025	8	2	2.100	2.5	2.6	196.5	0	20.3	3.1E-07
3/11/2025	8	54	2.967	3.4	3.5	194.5	0	20.4	2.5E-07
3/11/2025	9	43	3.783	4.3	4.4	192.7	0	20.4	2.5E-07
3/11/2025	10	29	4.550	5.1	5.2	191.0	1	20.5	2.5E-07

Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/12/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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Renova Environmental
30 Water Street
SUMMARY OF UNCONFINED COMPRESSION TESTING

SPECIMEN ID	DEPTH	MIX DATE	TEST DATE	CURING PERIOD (days)	WATER CONTENT (%)	TOTAL UNIT WGT. (pcf)	DRY UNIT WGT. (pcf)	PEAK COMPRESSIVE STRESS (psi)	STRAIN @ FAILURE (%)	FILE No.
PILOT-H	6-8	2/7/2025	2/14/2025	7	25.0	119.6	95.7	204	1.3	UC250015
			3/7/2025	28	25.0	118.0	94.4	468	2.0	UC250025
	12-14		2/14/2025	7	26.6	118.0	93.2	208	1.4	UC250016
			3/7/2025	28	25.8	117.5	93.4	392	1.3	UC250026
PILOT-D	6-8	2/12/2025	2/19/2025	7	27.6	115.6	90.7	170	1.5	UC250019
			3/12/2025	28	26.6	115.7	91.4	395	1.8	UC250029
	12-14		2/19/2025	7	30.5	113.9	87.3	114	1.8	UC250018
			3/12/2025	28	29.4	112.3	86.8	265	1.4	UC250030

CLIENT GEOTECHNICAL LABORATORY REQUEST FORM

CLIENT: Renova Environmental Company **CLIENT PROJECT #** _____ **TS #** 2500 30 32 A -8323

PROJECT: 30 WATER ST **DATE:** 2/10/25

CAST DATE: 2/7/25

SAMPLE IDENTIFICATION			INDEX TESTS							ENGINEERING PROPERTY TESTS								NOTES AND INSTRUCTIONS (SEE BELOW)
Test Boring/ Pit No.	Sample No./ Shelby Tube	Depth (ft.)	Moisture Content (ASTM D2216)	Atterberg Limits (ASTM D4318)	Sieve Analysis (ASTM D6913)	Hydrometer Analysis (ASTM D7928)	Organic Content (ASTM D2974)	Specific Gravity (D854)	Proctor D1557 / D698 T99 / T180	Direct Shear (ASTM D3080)	Compressive Strength (UCS) (ASTM D1633)	UU Triaxial (ASTM D2850)	CU Triaxial (ASTM D4767)	Consolidation (ASTM D2435)	Constant Head Permeability (ASTM D2434)	SPCRT (NJAC 7:9A-6.2) R	SPCRT (NJAC 7:9A-6.2) NR	Flexible Wall Permeability (ASTM D5084)	
PILOT-H	6-8	6-8'									X								A, B
PILOT-H	12-14	12-14'									X								A, B

Comments/Remarks: A - Confining pressure = 10 psi

B - Run UCS at 7 and 28 Days.

7 days = 2/14/25, 28 days = 3/7/25

Any known or suspected contamination? (NO/YES) ~~YES~~ NO

Prepared By: Brenna Ilg Received By: 2/12/25

CLASSIFICATION SYSTEM: X USCS ____ BURMISTER ____ OTHER

Client Phone #: (732) 659-1000 Client Email: bilg@renovaenviro.com, jmeyers@renovaenviro.com

PAGE 1 of 1

Client acknowledges, by the Client act of submitting samples to Lab for testing, receipt and acceptance of our Price List and all Business Terms and Conditions (BTC)

TerraSense

CLIENT GEOTECHNICAL LABORATORY REQUEST FORM

CLIENT: Renova Environmental Company **CLIENT PROJECT #** _____ **TS #** 2500 3032A-8323(2)

PROJECT: 30 WATER ST **DATE:** 2/17/25

SAMPLE IDENTIFICATION			INDEX TESTS							ENGINEERING PROPERTY TESTS									
Test Boring/ Pit No.	Sample No./ Shelby Tube	Depth (ft.)	Moisture Content (ASTM D2216)	Atterberg Limits (ASTM D4318)	Sieve Analysis (ASTM D6913)	Hydrometer Analysis (ASTM D7928)	Organic Content (ASTM D2974)	Specific Gravity (D854)	Proctor D1557 / D698 T99 / T180	Direct Shear (ASTM D3080)	Compressive Strength (UCS) (ASTM D1633)	UU Triaxial (ASTM D2850)	CU Triaxial (ASTM D4767)	Consolidation (ASTM D2435)	Constant Head Permeability (ASTM D2434)	SPCRT (NJAC 7:9A-6.2) R	SPCRT (NJAC 7:9A-6.2) NR	Flexible Wall Permeability (ASTM D5084)	NOTES AND INSTRUCTIONS (SEE BELOW)
CAST DATE:																			
2/12/25 PILOT-D	6-8	6-8									X								A, B
2/12/25 PILOT-D	12-14	12-14									X								A, B

Comments/Remarks:
A - Confining pressure = 10 psi Cast date 2/12/25
B - Run UCS at 7 days and 28 days.
Break on 2/19/25 3/12/25

Any known or suspected contamination? (NO/YES) yes

Prepared By: Brenna Ilg Received By: 2/18/25

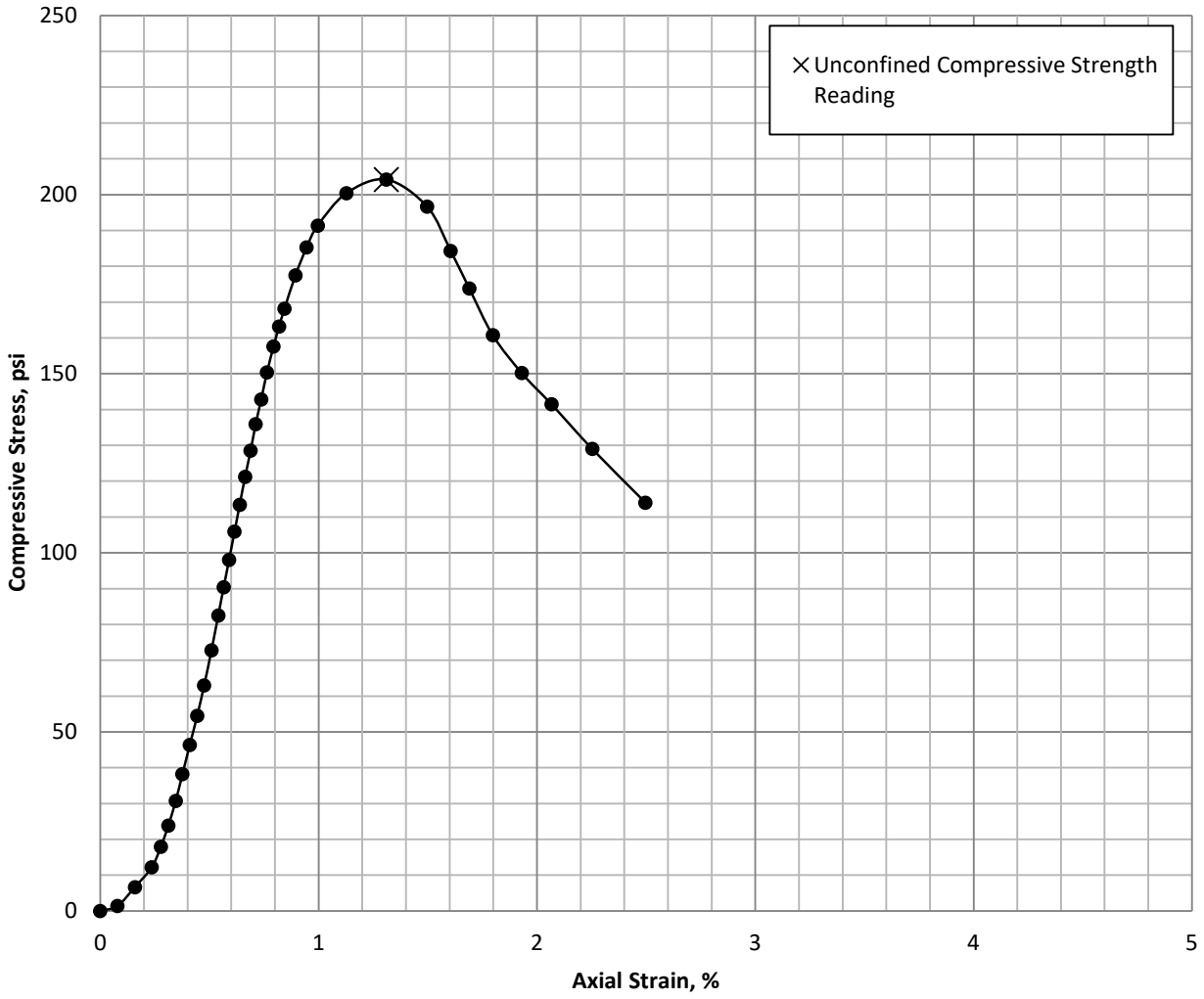
CLASSIFICATION SYSTEM: X USCS ____ BURMISTER ____ OTHER

Client Phone #: (732) 659-1000 Client Email: bilg@renovaenviro.com, jmeyers@renovaenviro.com

Client acknowledges, by the Client act of submitting samples to Lab for testing, receipt and acceptance of our Price List and all Business Terms and Conditions (BTC)

TerraSense

UNCONFINED COMPRESSIVE STRENGTH TEST



Specimen and Material Property Information

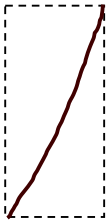
Sample Type: Cast

Description and/or Classification:

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	25.0	119.6	95.7	0.76	88.7	5.635	3.010	1.9			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
204	1.3	0.52



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

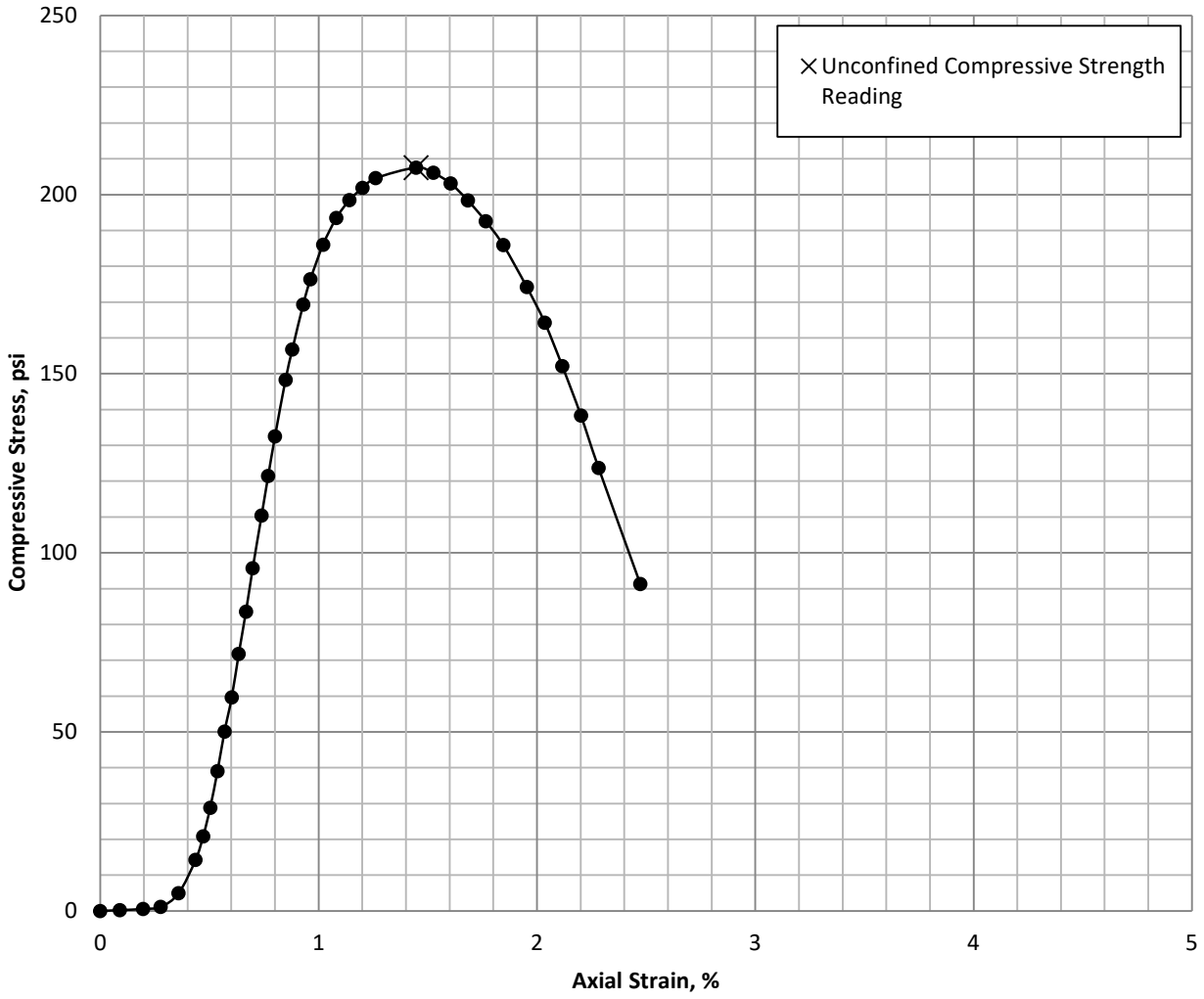
(2) Assumed specific gravity

Tested by: DD Reviewed by: EF

Test Date: 2/14/2025 Review Date: 3/18/2025

Renova Environmental	**30 Water Street**	**UNCONFINED COMPRESSION TEST ASTM D1633**
TERRASENSE Geotechnical Laboratory — **Project # 25003032A**		**Mix: PILOT-H 6-8** **Mix Date: 02/07/2025 Cure: 7 days**

UNCONFINED COMPRESSIVE STRENGTH TEST



Specimen and Material Property Information

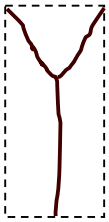
Sample Type: Cast

Description and/or Classification:

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	26.6	118.0	93.2	0.81	89.0	5.654	3.007	1.9			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
208	1.4	0.52



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

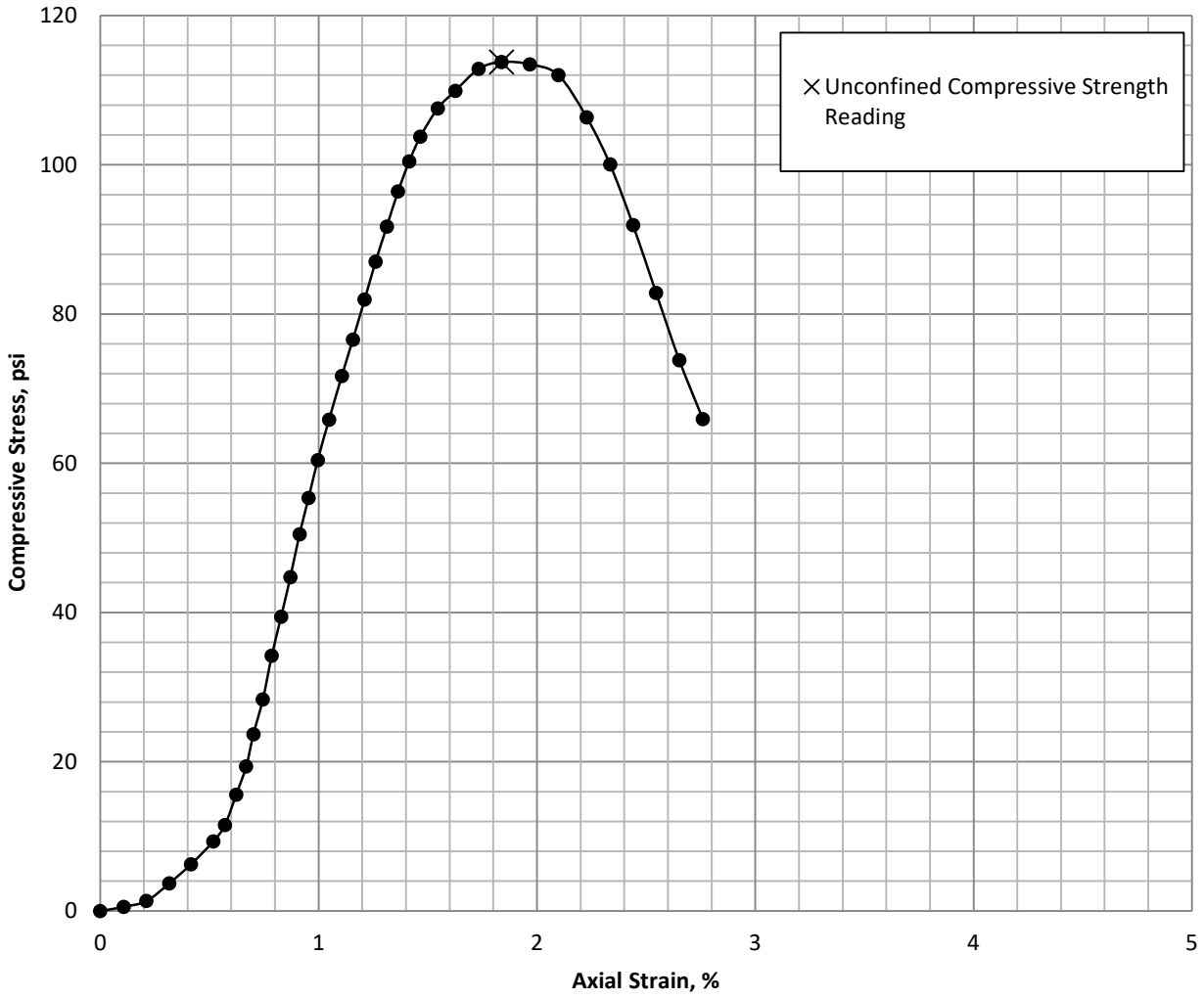
(2) Assumed specific gravity

Tested by: DD Reviewed by: EF

Test Date: 2/14/2025 Review Date: 3/18/2025

Renova Environmental	**30 Water Street**	**UNCONFINED COMPRESSION TEST ASTM D1633**
TERRASENSE Geotechnical Laboratory — **Project # 25003032A**		**Mix: PILOT-H 12-14** **Mix Date: 02/07/2025 Cure: 7 days**

UNCONFINED COMPRESSIVE STRENGTH TEST



Specimen and Material Property Information

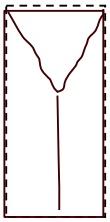
Sample Type: Cast

Description and/or Classification:

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	30.5	113.9	87.3	0.93	88.6	5.714	3.002	1.9			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
114	1.8	0.52



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

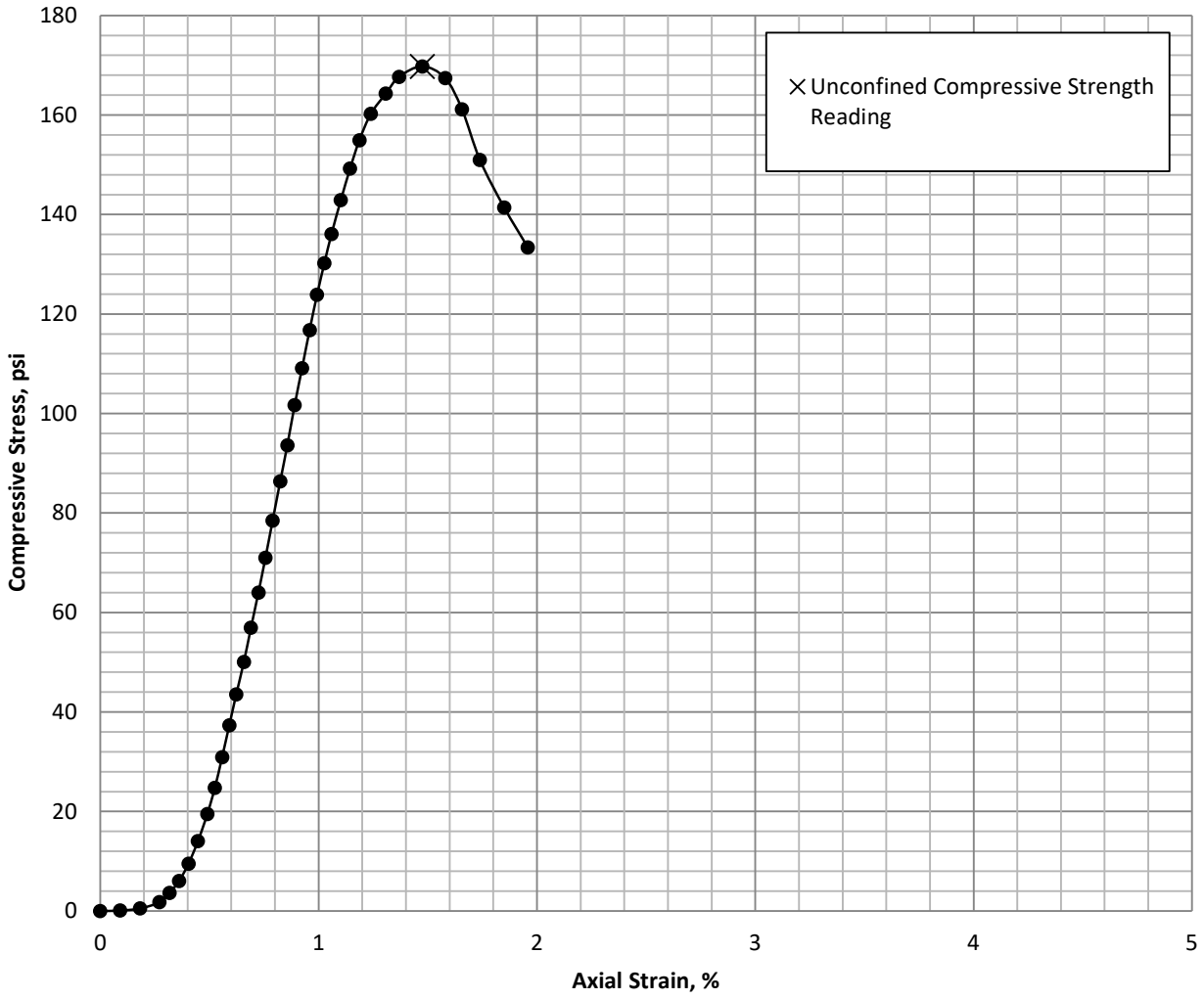
(2) Assumed specific gravity

Tested by: DD Reviewed by: EF

Test Date: 2/19/2025 Review Date: 3/18/2025

Renova Environmental	**30 Water Street**	**UNCONFINED COMPRESSION TEST ASTM D1633**
TERRASENSE Geotechnical Laboratory	**Project # 25003032A**	**Mix: PILOT-D 12-14** **Mix Date: 02/12/2025 Cure: 7 days**

UNCONFINED COMPRESSIVE STRENGTH TEST



Specimen and Material Property Information

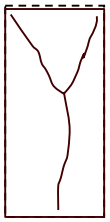
Sample Type: Cast

Description and/or Classification:

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	27.6	115.6	90.7	0.86	86.6	5.638	3.011	1.9			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
170	1.5	0.52



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

(2) Assumed specific gravity

Tested by: DD Reviewed by: EF

Test Date: 2/19/2025 Review Date: 3/18/2025

Renova Environmental

TERRASENSE Geotechnical Laboratory

Project # 25003032A

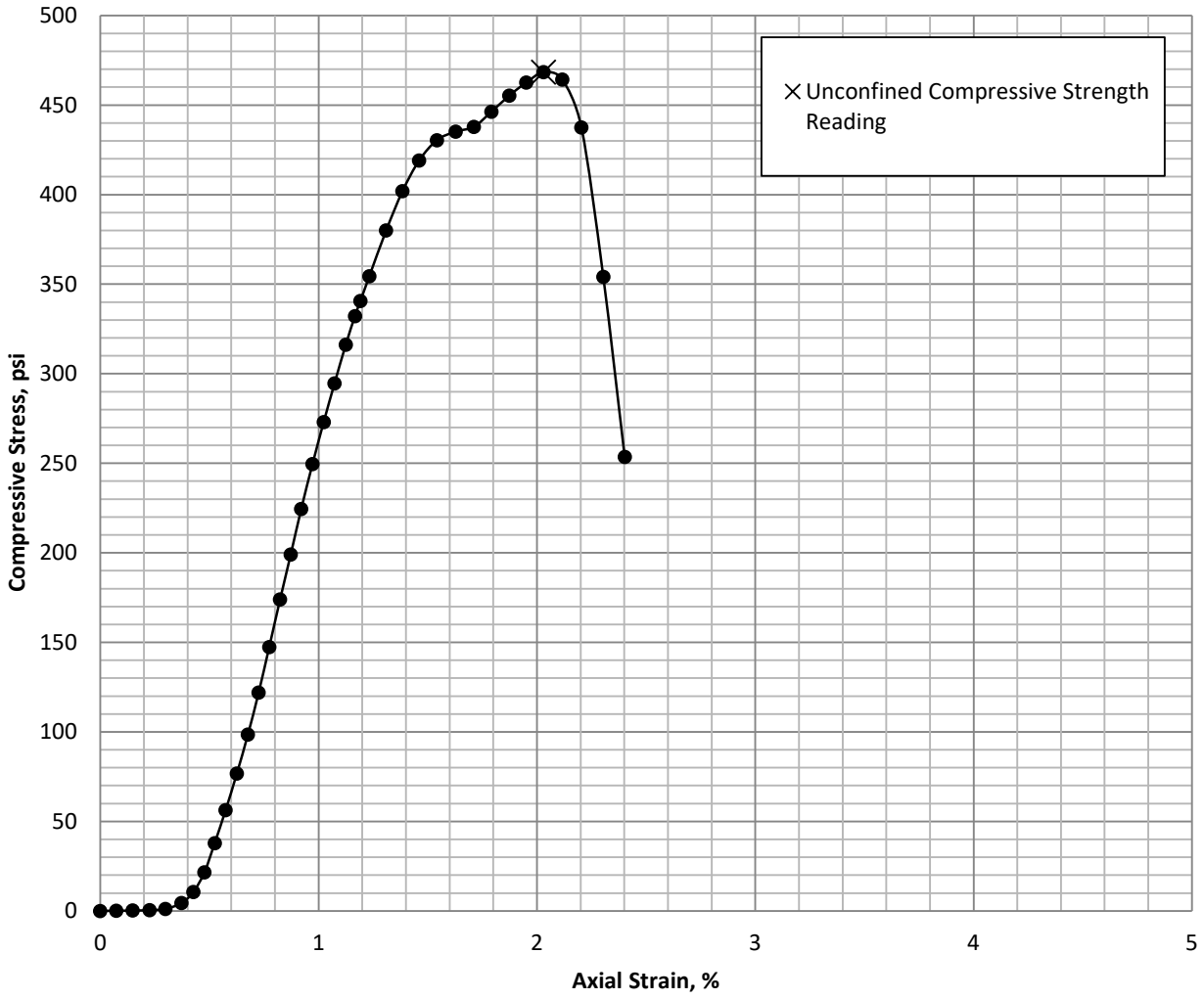
30 Water Street

UNCONFINED COMPRESSION TEST
ASTM D1633

Mix: PILOT-D 6-8

Mix Date: 02/12/2025 Cure: 7 days

UNCONFINED COMPRESSIVE STRENGTH TEST



Specimen and Material Property Information

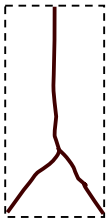
Sample Type: Cast

Description and/or Classification:

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	25.0	118.0	94.4	0.79	86.1	5.386	3.003	1.8			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
468	2.0	0.54



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

(2) Assumed specific gravity

(3) Cylinder was not full. Sample is short.

Tested by: DD Reviewed by: EF

Test Date: 3/7/2025 Review Date: 3/18/2025

Renova Environmental

TERRASENSE Geotechnical Laboratory

Project # 25003032A

30 Water Street

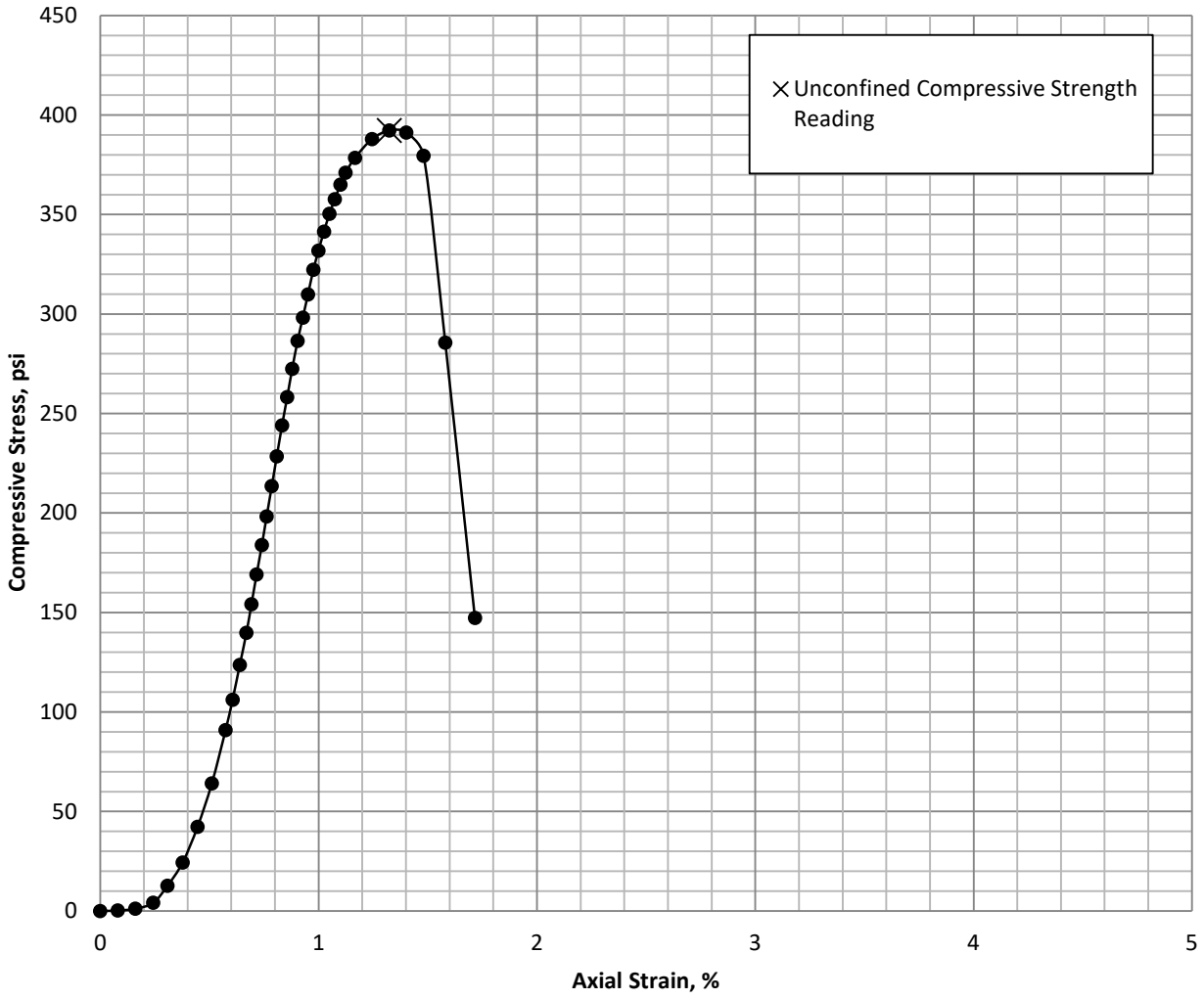
UNCONFINED COMPRESSION TEST

ASTM D1633

Mix: PILOT-H 6-8

Mix Date: 02/07/2025 Cure: 28 days

UNCONFINED COMPRESSIVE STRENGTH TEST



Specimen and Material Property Information

Sample Type: Cast

Description and/or Classification:

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	25.8	117.5	93.4	0.80	86.8	5.584	3.013	1.9			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
392	1.3	0.52



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

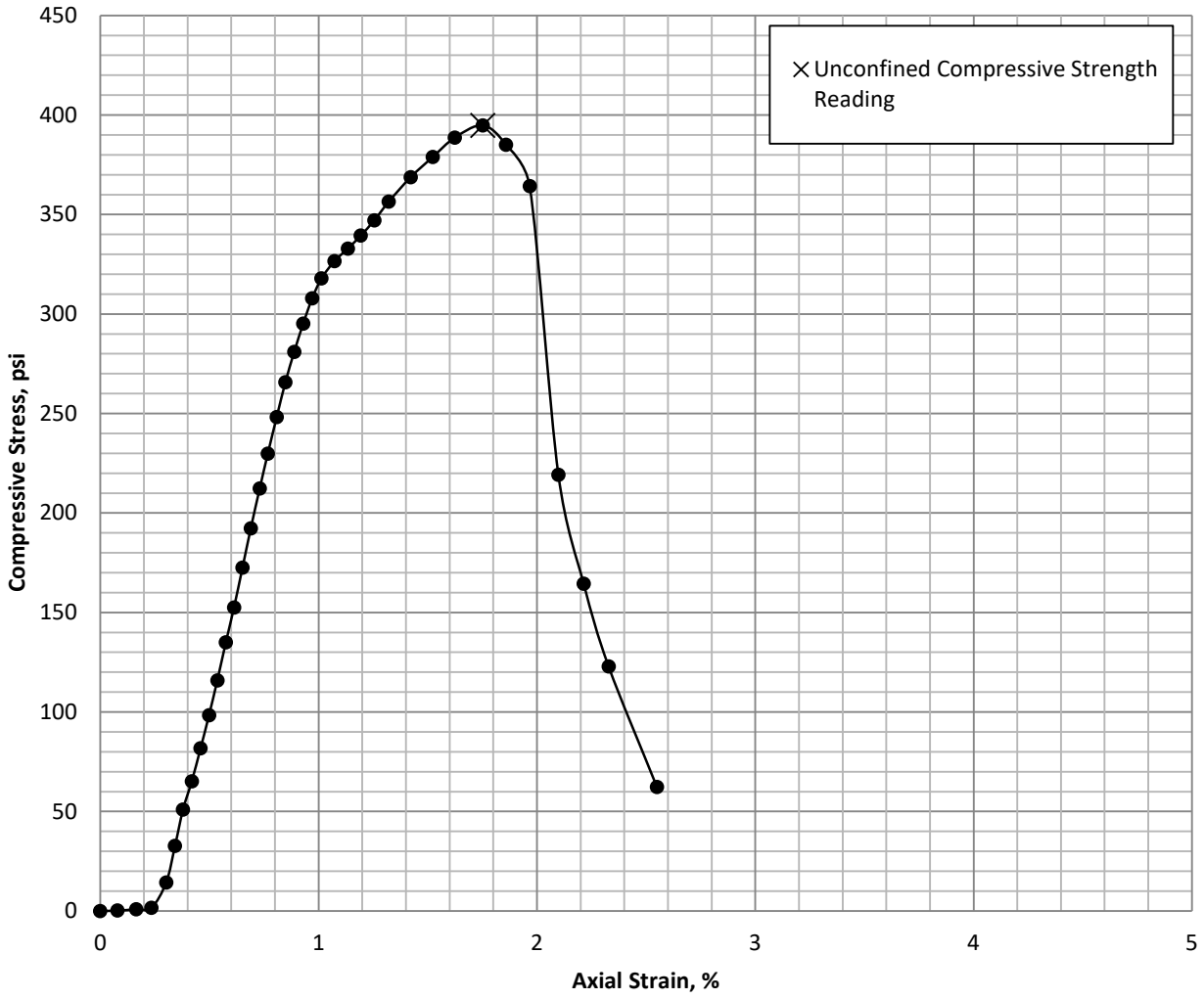
(2) Assumed specific gravity

Tested by: DD Reviewed by: EF

Test Date: 3/7/2025 Review Date: 3/18/2025

Renova Environmental	**30 Water Street**	**UNCONFINED COMPRESSION TEST ASTM D1633**
TERRASENSE Geotechnical Laboratory — **Project # 25003032A**		**Mix: PILOT-H 12-14** **Mix Date: 02/07/2025 Cure: 28 days**

UNCONFINED COMPRESSIVE STRENGTH TEST



Specimen and Material Property Information

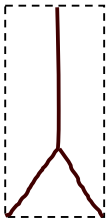
Sample Type: Cast

Description and/or Classification:

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	26.6	115.7	91.4	0.84	85.1	5.712	3.006	1.9			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
395	1.8	0.52



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

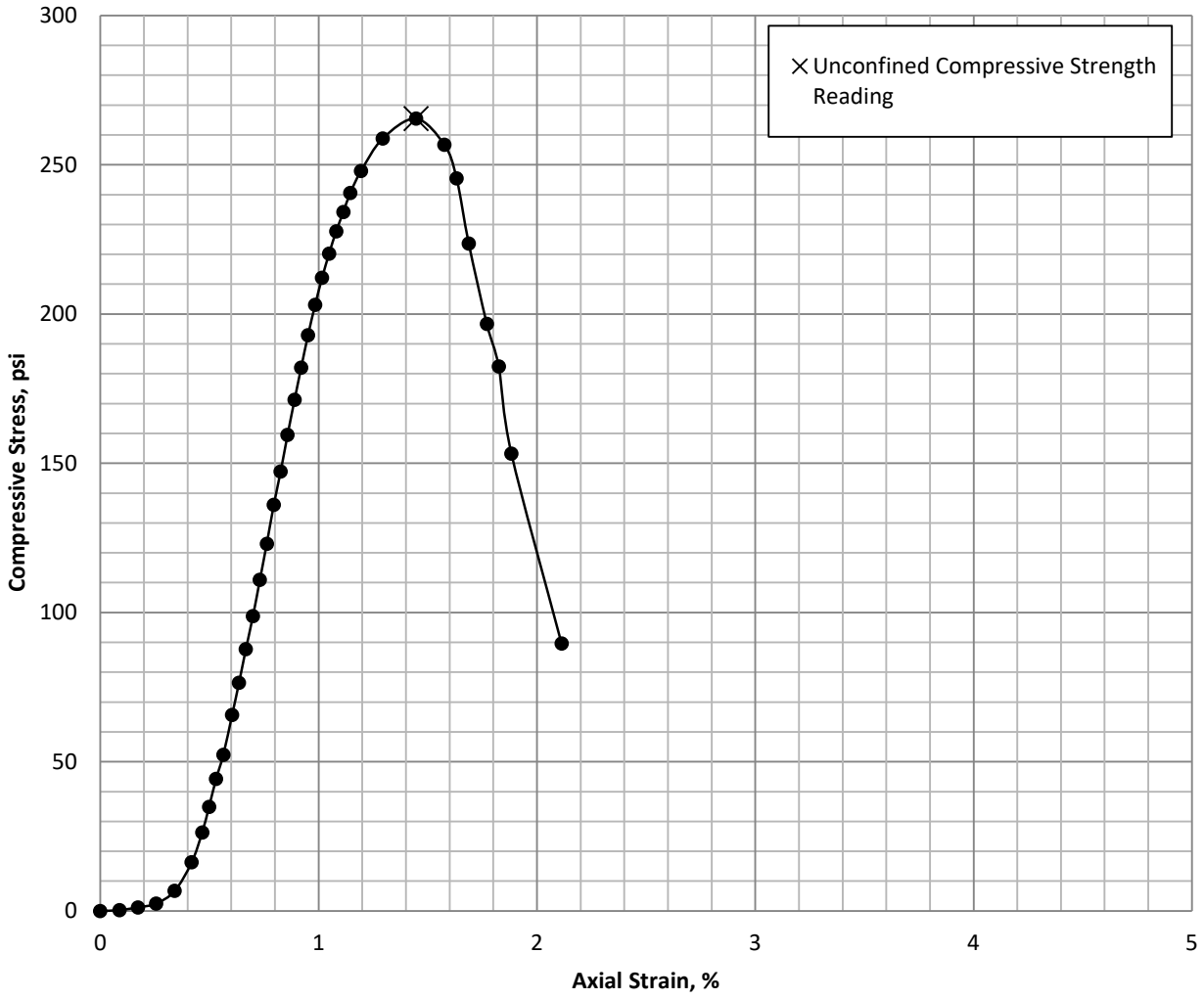
(2) Assumed specific gravity

Tested by: DD Reviewed by: EF

Test Date: 3/12/2025 Review Date: 3/18/2025

Renova Environmental	**30 Water Street**	**UNCONFINED COMPRESSION TEST ASTM D1633**
TERRASENSE Geotechnical Laboratory — **Project # 25003032A**		**Mix: PILOT-D 6-8** **Mix Date: 02/12/2025 Cure: 28 days**

UNCONFINED COMPRESSIVE STRENGTH TEST



Specimen and Material Property Information

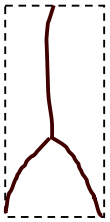
Sample Type: Cast

Description and/or Classification:

	Water (1) Content (%)	Wet Unit Weight (pcf)	Dry Unit (1) Weight (pcf)	Void (2) Ratio (-)	Saturation (2) (%)	Length (inch)	Diameter (inch)	L/D (-)	LL (-)	PI (-)	Specific (2) Gravity (-)
Initial	29.4	112.3	86.8	0.94	84.3	5.778	3.004	1.9			2.70

Failure Summary

UC Compressive Strength, q_u (psi)	Strain to Peak (%)	Strain Rate (%/min)
265	1.4	0.51



FAILURE SKETCH

Remarks and Notes:

(1) Water Content determined after shear from partial specimen.

(2) Assumed specific gravity

Tested by: DD Reviewed by: EF

Test Date: 3/12/2025 Review Date: 3/18/2025

Renova Environmental	**30 Water Street**	**UNCONFINED COMPRESSION TEST ASTM D1633**
TERRASENSE Geotechnical Laboratory — **Project # 25003032A**		**Mix: PILOT-D 12-14** **Mix Date: 02/12/2025 Cure: 28 days**

March 26, 2025

Project No. 2025-096-002

Brenna Ilg
Renova Environmental Company.
3417 Sunset Avenue
Ocean Township, NJ 07712

Transmittal
Laboratory Test Results
30 Water St. Ossining, NY

Please find attached the laboratory test results for the above referenced project. The tests were outlined on the Project Verification Form that was transmitted to your firm prior to the testing. The testing was performed in general accordance with the methods listed on the enclosed data sheets. The test results are believed to be representative of the samples that were submitted for testing and are indicative only of the specimens that were evaluated. We have no direct knowledge of the origin of the samples and imply no position with regard to the nature of the test results, i.e. pass/fail and no claims as to the suitability of the material for its intended use.

The test data and all associated project information provided shall be held in strict confidence and disclosed to other parties only with authorization by our Client. The test data submitted herein is considered integral with this report and is not to be reproduced except in whole and only with the authorization of the Client and Geotechnics. The remaining sample materials for this project will be retained for a minimum of 90 days as directed by the Geotechnics' Quality Program.

We are pleased to provide these testing services. Should you have any questions or if we may be of further assistance, please contact our office.

Respectfully submitted,
Geotechnics, Inc.

Nathan Melaro
Director of Operations

We understand that you have a choice in your laboratory services and we thank you for choosing Geotechnics.

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PERMEABILITY TEST

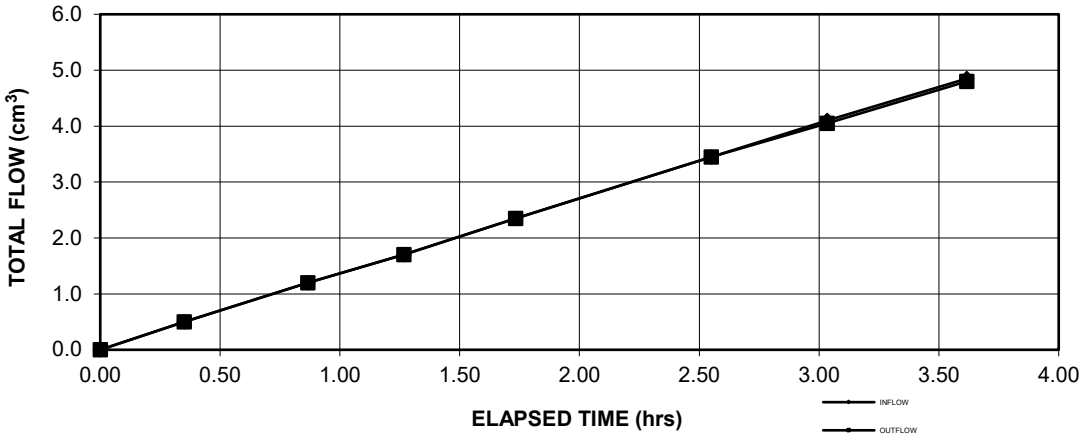
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 7 Day
Lab ID No.:	2025-096-002-001	Avg. Effective Consol. Pressure (psi):	6.25

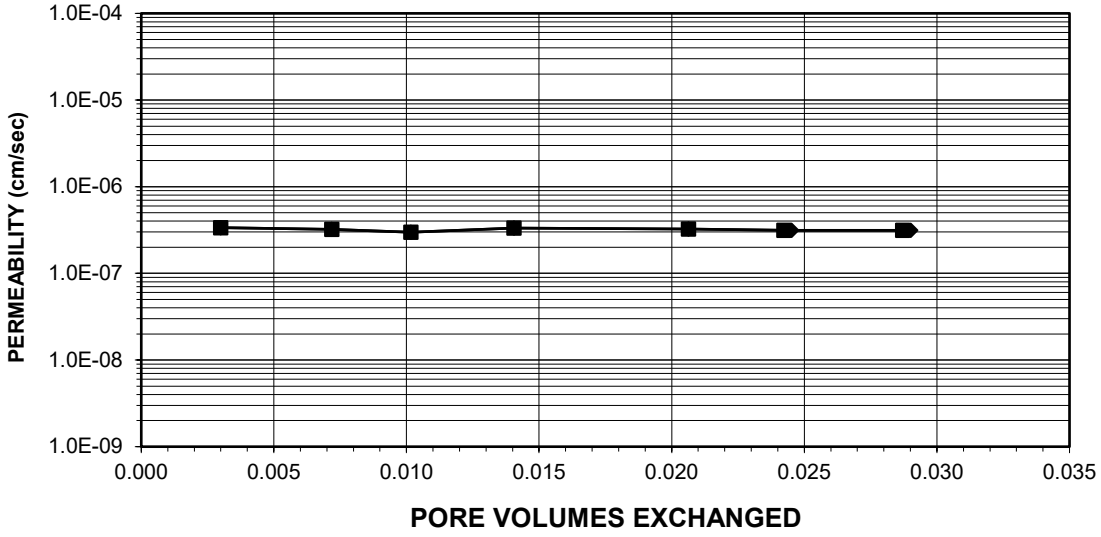
AVERAGE PERMEABILITY = 3.2E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.2E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/24/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 7 Day
Lab ID No.:	2025-096-002-001	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Brown Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	578	1694
Weight of Tare & Wet Sample (g)	586.08	724.66
Weight of Tare & Dry Sample (g)	466.15	580.03
Weight of Tare (g)	83.82	83.27
Weight of Water (g)	119.93	144.63
Weight of Dry Sample (g)	382.33	496.76
Moisture Content (%)	**31.4**	**29.1**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	655.80	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	655.80	644.55
Length 1 (in)	3.038	3.044
Length 2 (in)	3.039	3.039
Length 3 (in)	3.058	3.031
Top Diameter (in)	3.008	2.993
Middle Diameter (in)	3.000	2.999
Bottom Diameter (in)	2.995	3.010
Average Length (in)	3.05	3.04
Average Area (in^2)	7.07	7.07
Sample Volume (cm^3)	352.95	352.06
Unit Wet Weight (g/cm^3)	1.86	1.83
Unit Wet Weight (pcf)	116.0	114.3
Unit Dry Weight (pcf)	88.3	88.5
Unit Dry Weight (g/cm^3)	1.41	1.42
Void Ratio, e	0.91	0.90
Porosity, n	0.48	0.47
Pore Volume (cm^3)	168.1	167.2
Total Weight of Sample After Test (g)		664.63

Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/24/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 7 Day
Lab ID No.:	2025-096-002-001	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	77.5
Bottom Cap (psi)	80.0
Cell (psi)	85.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	22.78

Final Sample Dimensions	
Sample Length (cm), L	7.72
Sample Diameter (cm)	7.62
Sample Area (cm^2), A	45.62
Inflow Burette Area (cm^2), a-in	0.962
Outflow Burette Area (cm^2), a-out	0.962
B Parameter (%)	95

AVERAGE PERMEABILITY = 3.2E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.2E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
2/20/2025	12	43	0.000	0.0	0.0	200.6	0	19.6	NA
2/20/2025	13	4	0.350	0.5	0.5	199.5	0	19.6	3.4E-07
2/20/2025	13	35	0.867	1.2	1.2	198.1	0	19.6	3.2E-07
2/20/2025	13	59	1.267	1.7	1.7	197.0	0	19.6	3.0E-07
2/20/2025	14	27	1.733	2.4	2.4	195.7	0	19.6	3.3E-07
2/20/2025	15	16	2.550	3.5	3.5	193.4	0	19.7	3.3E-07
2/20/2025	15	45	3.033	4.1	4.1	192.1	0	19.8	3.1E-07
2/20/2025	16	20	3.617	4.9	4.8	190.6	1	19.9	3.1E-07

Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/24/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

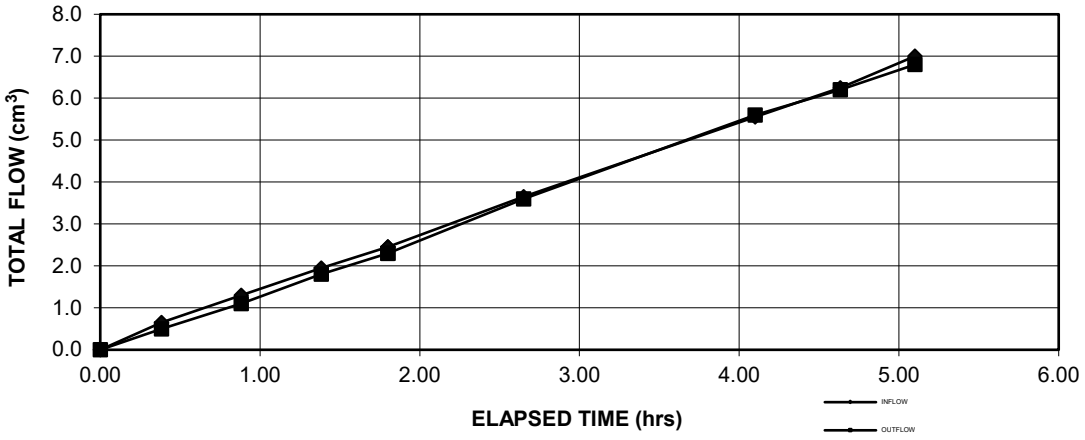
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 28 Day
Lab ID No.:	2025-096-002-002	Avg. Effective Consol. Pressure (psi):	6.25

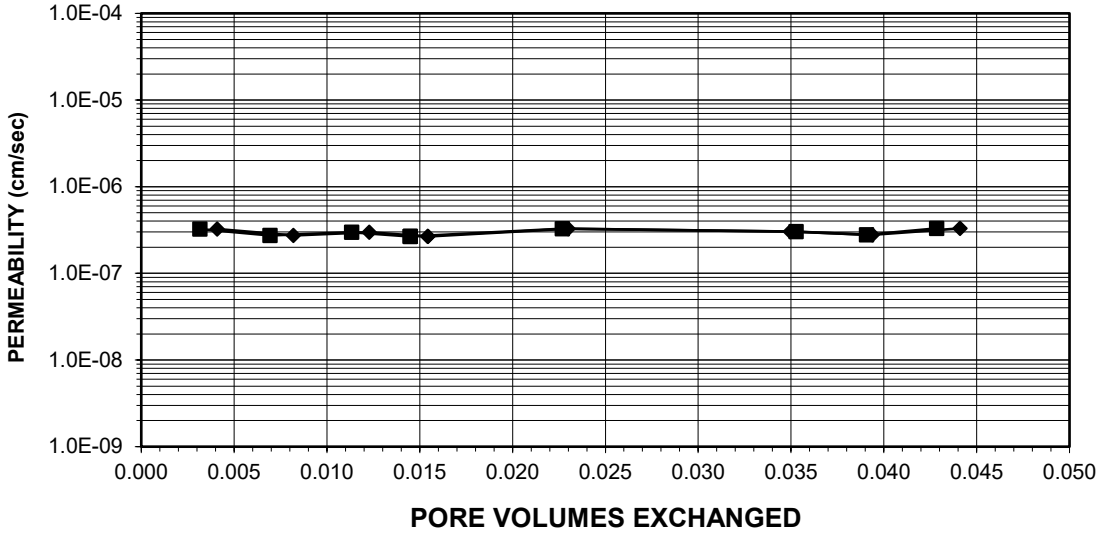
AVERAGE PERMEABILITY = 3.1E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.1E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/12/25 Checked By: JLK Date: 3/18/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 28 Day
Lab ID No.:	2025-096-002-002	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	546	630
Weight of Tare & Wet Sample (g)	478.85	711.59
Weight of Tare & Dry Sample (g)	390.51	571.07
Weight of Tare (g)	84.54	81.95
Weight of Water (g)	88.34	140.52
Weight of Dry Sample (g)	305.97	489.12
Moisture Content (%)	**28.9**	**28.7**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	625.85	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	625.85	625.16
Length 1 (in)	2.926	2.916
Length 2 (in)	2.914	2.927
Length 3 (in)	2.921	2.917
Top Diameter (in)	3.011	3.010
Middle Diameter (in)	3.000	3.000
Bottom Diameter (in)	2.992	2.995
Average Length (in)	2.92	2.92
Average Area (in^2)	7.07	7.08
Sample Volume (cm^3)	338.50	338.61
Unit Wet Weight (g/cm^3)	1.85	1.85
Unit Wet Weight (pcf)	115.4	115.2
Unit Dry Weight (pcf)	89.6	89.5
Unit Dry Weight (g/cm^3)	1.43	1.43
Void Ratio, e	0.88	0.88
Porosity, n	0.47	0.47
Pore Volume (cm^3)	158.6	158.7
Total Weight of Sample After Test (g)		636.31

Tested By: WT Date: 3/12/25 Checked By: JLK Date: 3/18/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

geotechnics
geotechnical & geosynthetic testing

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-002	Sample No.:	Pilot-D-6-8, 28 Day
Lab ID No.:	2025-096-002-002	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.70

Final Sample Dimensions	
Sample Length (cm), L	7.42
Sample Diameter (cm)	7.62
Sample Area (cm^2), A	45.65
Inflow Burette Area (cm^2), a-in	1.056
Outflow Burette Area (cm^2), a-out	0.902
B Parameter (%)	95

AVERAGE PERMEABILITY = 3.1E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.1E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/13/2025	14	48	0.000	0.0	0.0	198.0	0	21.7	NA
3/13/2025	15	11	0.383	0.7	0.5	196.8	0	21.8	3.2E-07
3/13/2025	15	41	0.883	1.3	1.1	195.5	0	21.9	2.7E-07
3/13/2025	16	11	1.383	2.0	1.8	194.1	0	21.9	3.0E-07
3/13/2025	16	36	1.800	2.5	2.3	193.1	1	22.0	2.7E-07
3/14/2025	7	21	1.800	2.5	2.3	198.0	0	21.1	NA
3/14/2025	8	12	2.650	3.7	3.6	195.4	0	21.2	3.3E-07
3/14/2025	9	39	4.100	5.6	5.6	191.4	0	21.3	3.0E-07
3/14/2025	10	11	4.633	6.3	6.2	190.0	0	21.3	2.8E-07
3/14/2025	10	39	5.100	7.0	6.8	188.7	1	21.4	3.3E-07

Tested By: WT Date: 3/12/25 Checked By: JLK Date: 3/18/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

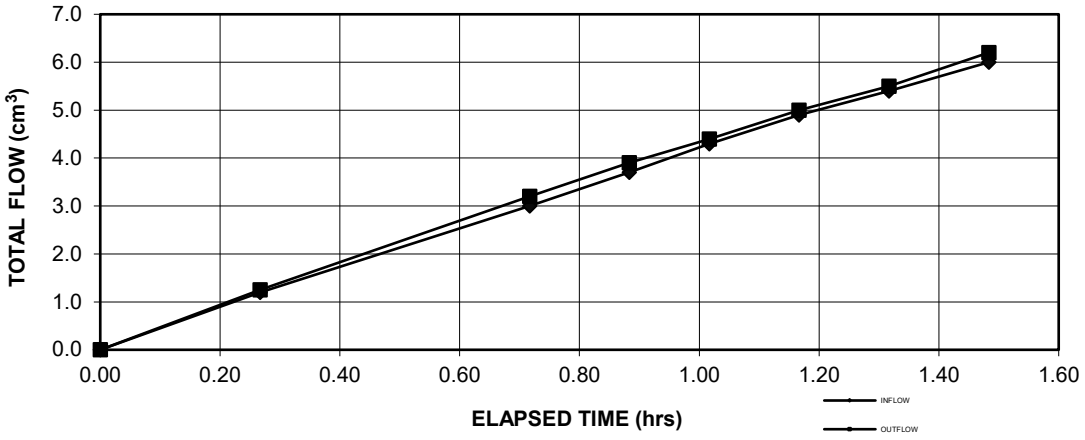
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 7 Day
Lab ID No.:	2025-096-002-003	Avg. Effective Consol. Pressure (psi):	6.25

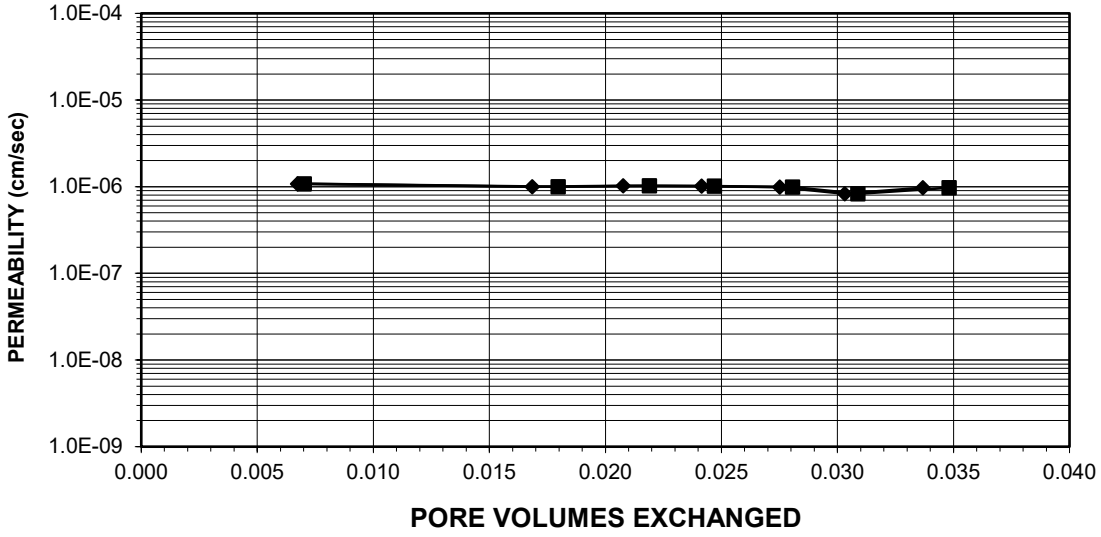
AVERAGE PERMEABILITY = 9.5E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 9.5E-09 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/21/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 7 Day
Lab ID No.:	2025-096-002-003	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Brown Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	1131A	878
Weight of Tare & Wet Sample (g)	539.36	761.27
Weight of Tare & Dry Sample (g)	418.88	604.88
Weight of Tare (g)	83.70	109.85
Weight of Water (g)	120.48	156.39
Weight of Dry Sample (g)	335.18	495.03
Moisture Content (%)	**35.9**	**31.6**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	649.79	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	649.79	628.98
Length 1 (in)	3.046	3.047
Length 2 (in)	3.066	3.062
Length 3 (in)	3.057	3.067
Top Diameter (in)	2.997	2.998
Middle Diameter (in)	3.003	3.001
Bottom Diameter (in)	3.010	3.012
Average Length (in)	3.06	3.06
Average Area (in^2)	7.08	7.09
Sample Volume (cm^3)	354.81	355.16
Unit Wet Weight (g/cm^3)	1.83	1.77
Unit Wet Weight (pcf)	114.3	110.5
Unit Dry Weight (pcf)	84.1	84.0
Unit Dry Weight (g/cm^3)	1.35	1.35
Void Ratio, e	1.00	1.01
Porosity, n	0.50	0.50
Pore Volume (cm^3)	177.8	178.1
Total Weight of Sample After Test (g)		656.65

Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/21/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 7 Day
Lab ID No.:	2025-096-002-003	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	67.5
Bottom Cap (psi)	70.0
Cell (psi)	75.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	22.62

Final Sample Dimensions	
Sample Length (cm), L	7.77
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.72
Inflow Burette Area (cm^2), a-in	0.879
Outflow Burette Area (cm^2), a-out	0.896
B Parameter (%)	95

AVERAGE PERMEABILITY = 9.5E-07 cm/sec @ 20°C

AVERAGE PERMEABILITY = 9.5E-09 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
2/20/2025	10	47	0.000	0.0	0.0	203.3	0	19.8	NA
2/20/2025	11	3	0.267	1.2	1.3	200.5	0	19.8	1.1E-06
2/20/2025	11	30	0.717	3.0	3.2	196.3	0	19.7	1.0E-06
2/20/2025	11	40	0.883	3.7	3.9	194.7	0	19.7	1.0E-06
2/20/2025	11	48	1.017	4.3	4.4	193.4	0	19.7	1.0E-06
2/20/2025	11	57	1.167	4.9	5.0	192.1	0	19.7	9.9E-07
2/20/2025	12	6	1.317	5.4	5.5	190.9	0	19.7	8.3E-07
2/20/2025	12	16	1.483	6.0	6.2	189.5	1	19.7	9.8E-07

Tested By: JAB Date: 2/19/25 Checked By: JLK Date: 2/21/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

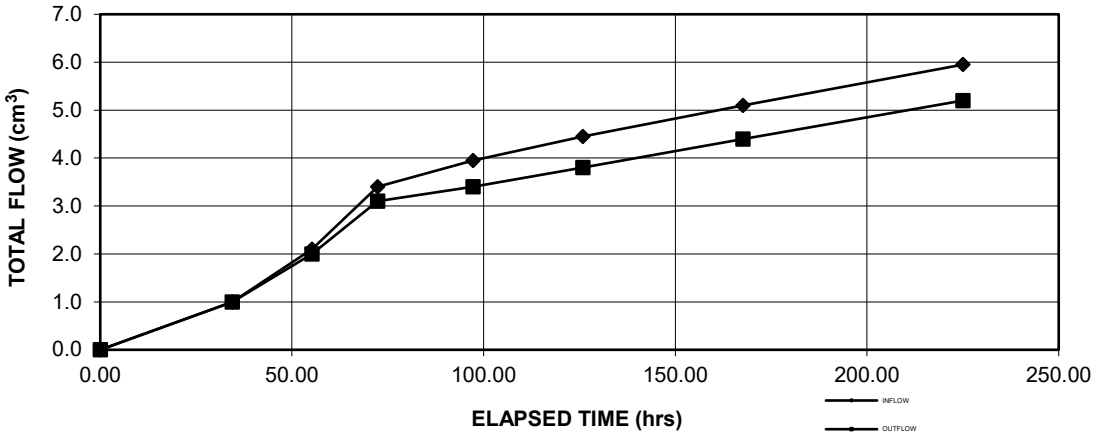
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 28 Day
Lab ID No.:	2025-096-002-004	Avg. Effective Consol. Pressure (psi):	6.25

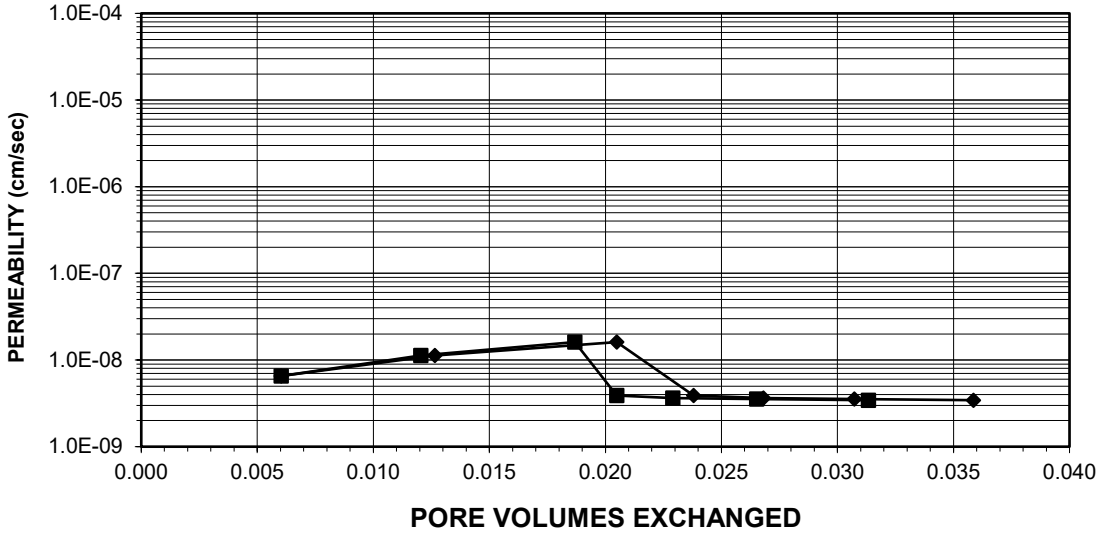
AVERAGE PERMEABILITY = 3.6E-09 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.6E-11 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/12/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 28 Day
Lab ID No.:	2025-096-002-004	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	594	899
Weight of Tare & Wet Sample (g)	426.09	732.91
Weight of Tare & Dry Sample (g)	346.25	586.02
Weight of Tare (g)	80.38	109.47
Weight of Water (g)	79.84	146.89
Weight of Dry Sample (g)	265.87	476.55
Moisture Content (%)	**30.0**	**30.8**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	625.28	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	625.28	629.10
Length 1 (in)	2.957	2.972
Length 2 (in)	2.963	2.961
Length 3 (in)	2.942	2.948
Top Diameter (in)	3.012	3.012
Middle Diameter (in)	3.001	3.003
Bottom Diameter (in)	2.993	3.000
Average Length (in)	2.95	2.96
Average Area (in^2)	7.08	7.09
Sample Volume (cm^3)	342.63	344.05
Unit Wet Weight (g/cm^3)	1.82	1.83
Unit Wet Weight (pcf)	113.9	114.1
Unit Dry Weight (pcf)	87.6	87.2
Unit Dry Weight (g/cm^3)	1.40	1.40
Void Ratio, e	0.92	0.93
Porosity, n	0.48	0.48
Pore Volume (cm^3)	164.5	165.9
Total Weight of Sample After Test (g)		635.01

Tested By: WT Date: 3/12/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-D 2/12/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-002	Sample No.:	Pilot-D-12-14, 28 Day
Lab ID No.:	2025-096-002-004	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.37

Final Sample Dimensions	
Sample Length (cm), L	7.52
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.76
Inflow Burette Area (cm^2), a-in	1.036
Outflow Burette Area (cm^2), a-out	0.853

AVERAGE PERMEABILITY = 3.6E-09 cm/sec @ 20°C

AVERAGE PERMEABILITY = 3.6E-11 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/14/2025	7	22	0.000	0.0	0.0	199.0	0	21.1	NA
3/15/2025	17	50	34.467	1.0	1.0	196.9	0	21.1	6.5E-09
3/16/2025	14	38	55.267	2.1	2.0	194.6	0	21.5	1.1E-08
3/17/2025	7	41	72.317	3.4	3.1	192.1	0	21.0	1.6E-08
3/18/2025	8	37	97.250	4.0	3.4	191.2	0	20.5	3.9E-09
3/19/2025	13	14	125.867	4.5	3.8	190.2	0	20.9	3.6E-09
3/21/2025	7	0	167.633	5.1	4.4	188.9	0	20.7	3.5E-09
3/23/2025	16	23	225.017	6.0	5.2	187.2	1	20.5	3.4E-09

Tested By: WT Date: 3/12/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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March 26, 2025

Project No. 2025-096-004

Brenna Ilg
Renova Environmental Company.
3417 Sunset Avenue
Ocean Township, NJ 07712

Transmittal
Laboratory Test Results
30 Water St. Ossining, NY

Please find attached the laboratory test results for the above referenced project. The tests were outlined on the Project Verification Form that was transmitted to your firm prior to the testing. The testing was performed in general accordance with the methods listed on the enclosed data sheets. The test results are believed to be representative of the samples that were submitted for testing and are indicative only of the specimens that were evaluated. We have no direct knowledge of the origin of the samples and imply no position with regard to the nature of the test results, i.e. pass/fail and no claims as to the suitability of the material for its intended use.

The test data and all associated project information provided shall be held in strict confidence and disclosed to other parties only with authorization by our Client. The test data submitted herein is considered integral with this report and is not to be reproduced except in whole and only with the authorization of the Client and Geotechnics. The remaining sample materials for this project will be retained for a minimum of 90 days as directed by the Geotechnics' Quality Program.

We are pleased to provide these testing services. Should you have any questions or if we may be of further assistance, please contact our office.

Respectfully submitted,
Geotechnics, Inc.

Nathan Melaro
Director of Operations

We understand that you have a choice in your laboratory services and we thank you for choosing Geotechnics.

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PERMEABILITY TEST

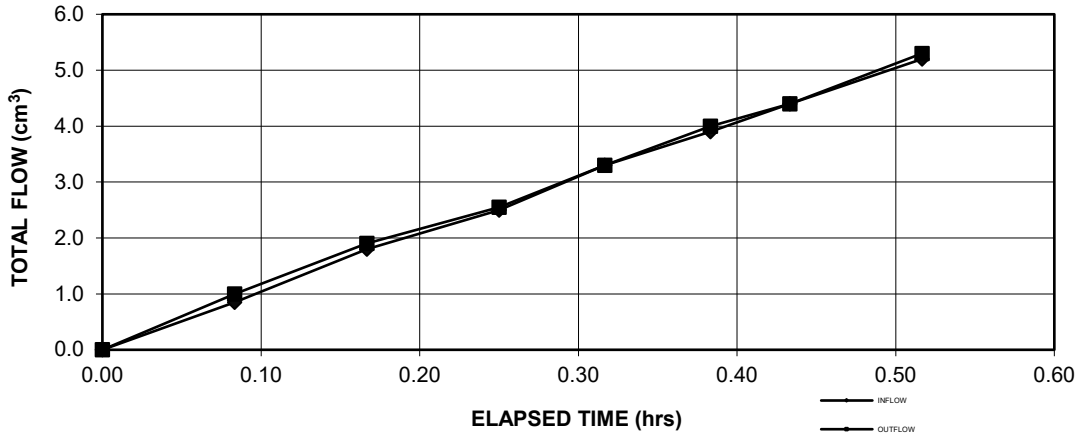
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-004	Sample No.:	Pilot-JA-6-8, 28 Day
Lab ID No.:	2025-096-004-001	Avg. Effective Consol. Pressure (psi):	6.25

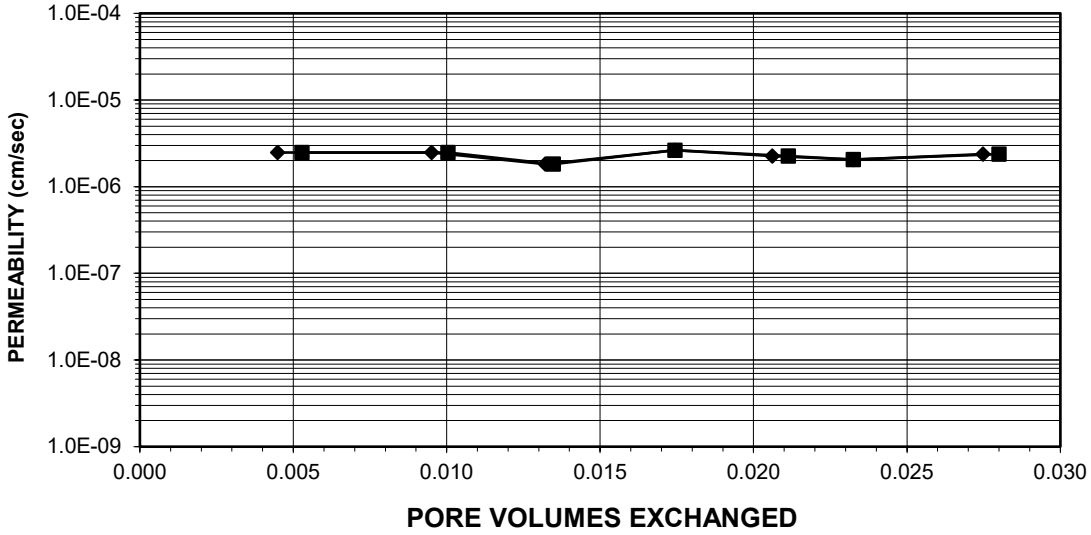
AVERAGE PERMEABILITY = 2.3E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.3E-08 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/24/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-004	Sample No.:	Pilot-JA-6-8, 28 Day
Lab ID No.:	2025-096-004-001	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	ZY	911
Weight of Tare & Wet Sample (g)	232.71	689.33
Weight of Tare & Dry Sample (g)	185.25	524.09
Weight of Tare (g)	82.94	109.71
Weight of Water (g)	47.46	165.24
Weight of Dry Sample (g)	102.31	414.38
Moisture Content (%)	**46.4**	**39.9**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	576.62	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	576.62	550.97
Length 1 (in)	2.882	2.891
Length 2 (in)	2.875	2.880
Length 3 (in)	2.901	2.890
Top Diameter (in)	3.011	3.008
Middle Diameter (in)	3.001	3.002
Bottom Diameter (in)	2.994	3.000
Average Length (in)	2.89	2.89
Average Area (in^2)	7.08	7.08
Sample Volume (cm^3)	334.74	335.15
Unit Wet Weight (g/cm^3)	1.72	1.64
Unit Wet Weight (pcf)	107.5	102.6
Unit Dry Weight (pcf)	73.5	73.4
Unit Dry Weight (g/cm^3)	1.18	1.18
Void Ratio, e	1.29	1.30
Porosity, n	0.56	0.56
Pore Volume (cm^3)	188.9	189.3
Total Weight of Sample After Test (g)		585.43

Tested By: WT Date: 3/24/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-004	Sample No.:	Pilot-JA-6-8, 28 Day
Lab ID No.:	2025-096-004-001	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.97

Final Sample Dimensions	
Sample Length (cm), L	7.33
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.71
Inflow Burette Area (cm^2), a-in	1.036
Outflow Burette Area (cm^2), a-out	0.853
B Parameter (%)	95

AVERAGE PERMEABILITY = 2.3E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.3E-08 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/25/2025	10	14	0.000	0.0	0.0	199.0	0	20.7	NA
3/25/2025	10	19	0.083	0.9	1.0	197.0	0	20.7	2.5E-06
3/25/2025	10	24	0.167	1.8	1.9	195.0	0	20.7	2.5E-06
3/25/2025	10	29	0.250	2.5	2.6	193.6	0	20.7	1.8E-06
3/25/2025	10	33	0.317	3.3	3.3	191.9	0	20.7	2.6E-06
3/25/2025	10	37	0.383	3.9	4.0	190.5	0	20.7	2.3E-06
3/25/2025	10	40	0.433	4.4	4.4	189.6	0	20.7	2.1E-06
3/25/2025	10	45	0.517	5.2	5.3	187.8	1	20.7	2.4E-06

Tested By: WT Date: 3/24/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

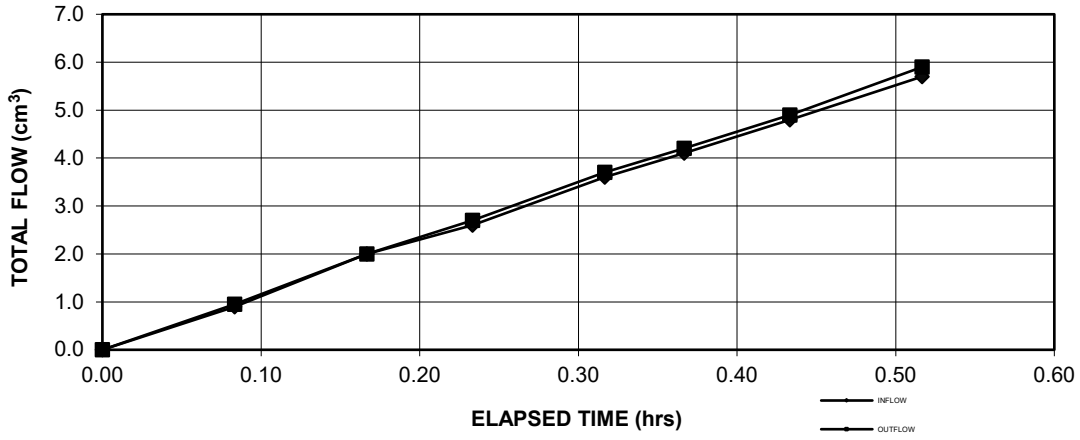
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-004	Sample No.:	Pilot-JA-12-14, 28 Day
Lab ID No.:	2025-096-004-002	Avg. Effective Consol. Pressure (psi):	6.25

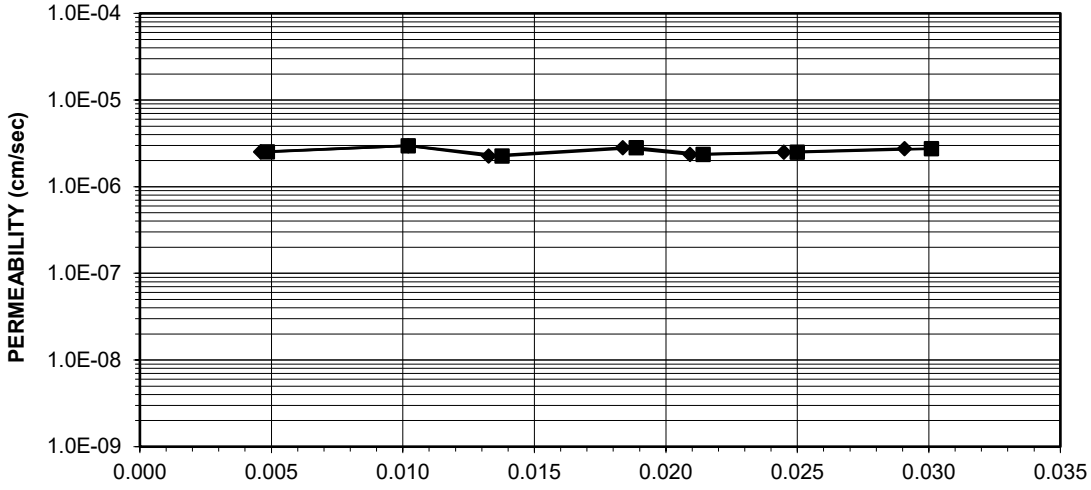
AVERAGE PERMEABILITY = 2.6E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.6E-08 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/24/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-004	Sample No.:	Pilot-JA-12-14, 28 Day
Lab ID No.:	2025-096-004-002	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	1719	893
Weight of Tare & Wet Sample (g)	334.26	731.41
Weight of Tare & Dry Sample (g)	252.53	570.70
Weight of Tare (g)	83.77	110.31
Weight of Water (g)	81.73	160.71
Weight of Dry Sample (g)	168.76	460.39
Moisture Content (%)	**48.4**	**34.9**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	618.20	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	618.20	561.88
Length 1 (in)	3.014	3.013
Length 2 (in)	3.019	3.020
Length 3 (in)	3.010	3.026
Top Diameter (in)	3.008	3.000
Middle Diameter (in)	2.999	3.000
Bottom Diameter (in)	2.987	3.007
Average Length (in)	3.01	3.02
Average Area (in^2)	7.06	7.08
Sample Volume (cm^3)	348.69	350.32
Unit Wet Weight (g/cm^3)	1.77	1.60
Unit Wet Weight (pcf)	110.7	100.1
Unit Dry Weight (pcf)	74.6	74.2
Unit Dry Weight (g/cm^3)	1.19	1.19
Void Ratio, e	1.26	1.27
Porosity, n	0.56	0.56
Pore Volume (cm^3)	194.4	196.1
Total Weight of Sample After Test (g)		624.04

Tested By: WT Date: 3/24/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-004	Sample No.:	Pilot-JA-12-14, 28 Day
Lab ID No.:	2025-096-004-002	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	22.91

Final Sample Dimensions	
Sample Length (cm), L	7.67
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.67
Inflow Burette Area (cm^2), a-in	0.963
Outflow Burette Area (cm^2), a-out	0.957
B Parameter (%)	95

AVERAGE PERMEABILITY = 2.6E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.6E-08 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/25/2025	10	14	0.000	0.0	0.0	198.7	0	20.7	NA
3/25/2025	10	19	0.083	0.9	0.9	196.8	0	20.7	2.5E-06
3/25/2025	10	24	0.167	2.0	2.0	194.6	0	20.7	3.0E-06
3/25/2025	10	28	0.233	2.6	2.7	193.3	0	20.7	2.3E-06
3/25/2025	10	33	0.317	3.6	3.7	191.2	0	20.7	2.8E-06
3/25/2025	10	36	0.367	4.1	4.2	190.2	0	20.7	2.4E-06
3/25/2025	10	40	0.433	4.8	4.9	188.8	0	20.7	2.5E-06
3/25/2025	10	45	0.517	5.7	5.9	186.8	1	20.7	2.7E-06

Tested By: WT Date: 3/24/25 Checked By: JLK Date: 3/26/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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March 12, 2025

Project No. 2025-096-003

Brenna Ilg
Renova Environmental Company.
3417 Sunset Avenue
Ocean Township, NJ 07712

Transmittal
Laboratory Test Results
30 Water St. Ossining, NY

Please find attached the laboratory test results for the above referenced project. The tests were outlined on the Project Verification Form that was transmitted to your firm prior to the testing. The testing was performed in general accordance with the methods listed on the enclosed data sheets. The test results are believed to be representative of the samples that were submitted for testing and are indicative only of the specimens that were evaluated. We have no direct knowledge of the origin of the samples and imply no position with regard to the nature of the test results, i.e. pass/fail and no claims as to the suitability of the material for its intended use.

The test data and all associated project information provided shall be held in strict confidence and disclosed to other parties only with authorization by our Client. The test data submitted herein is considered integral with this report and is not to be reproduced except in whole and only with the authorization of the Client and Geotechnics. The remaining sample materials for this project will be retained for a minimum of 90 days as directed by the Geotechnics' Quality Program.

We are pleased to provide these testing services. Should you have any questions or if we may be of further assistance, please contact our office.

Respectfully submitted,
Geotechnics, Inc.

Nathan Melaro
Director of Operations

We understand that you have a choice in your laboratory services and we thank you for choosing Geotechnics.

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PERMEABILITY TEST

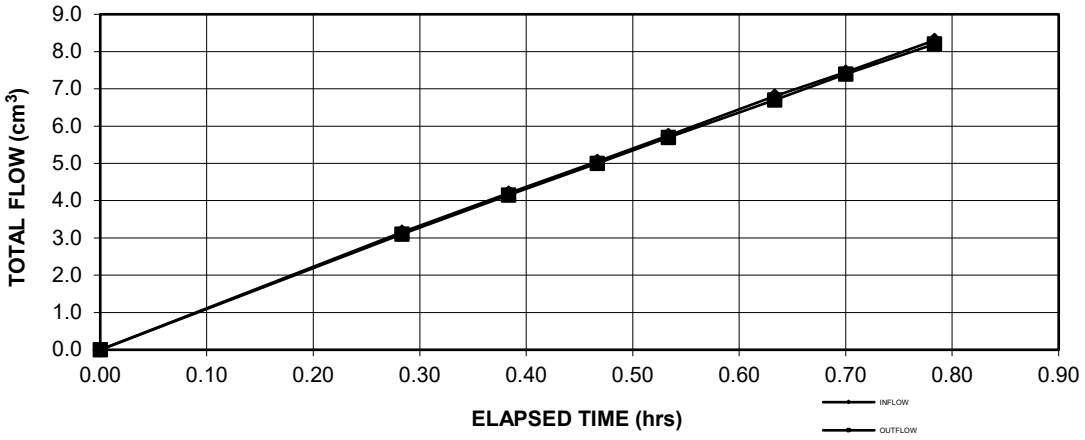
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 7 Day
Lab ID No.:	2025-096-003-001	Avg. Effective Consol. Pressure (psi):	6.25

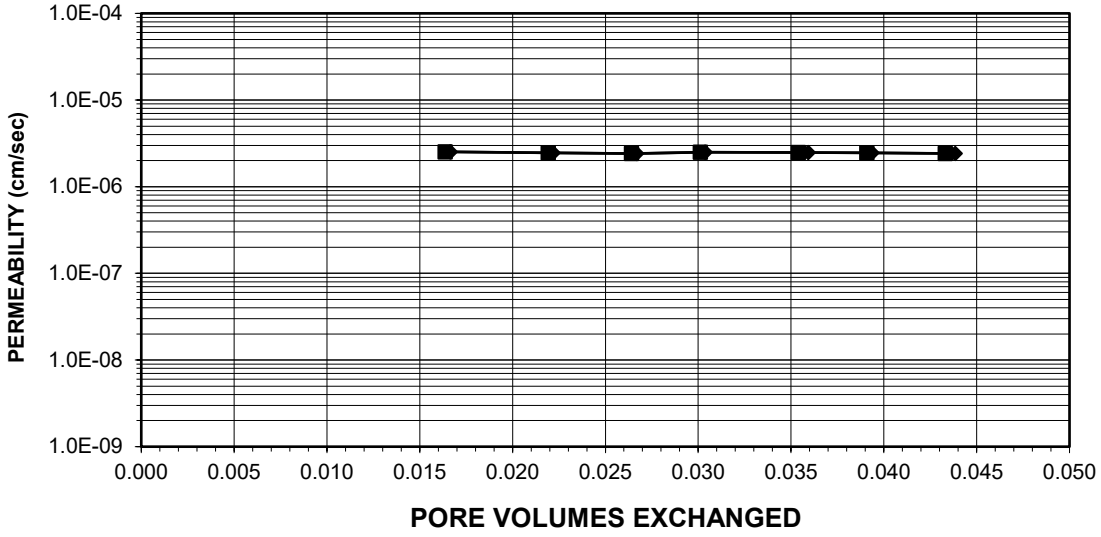
AVERAGE PERMEABILITY = 2.5E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.5E-08 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/3/25 Checked By: JLK Date: 3/5/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 7 Day
Lab ID No.:	2025-096-003-001	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	911	894
Weight of Tare & Wet Sample (g)	304.10	707.86
Weight of Tare & Dry Sample (g)	241.05	541.83
Weight of Tare (g)	109.66	109.48
Weight of Water (g)	63.05	166.03
Weight of Dry Sample (g)	131.39	432.35
Moisture Content (%)	**48.0**	**38.4**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	592.47	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	592.47	554.10
Length 1 (in)	2.923	2.905
Length 2 (in)	2.911	2.904
Length 3 (in)	2.897	2.919
Top Diameter (in)	3.011	3.012
Middle Diameter (in)	3.001	3.001
Bottom Diameter (in)	2.995	2.995
Average Length (in)	2.91	2.91
Average Area (in^2)	7.08	7.08
Sample Volume (cm^3)	337.64	337.60
Unit Wet Weight (g/cm^3)	1.75	1.64
Unit Wet Weight (pcf)	109.5	102.5
Unit Dry Weight (pcf)	74.0	74.0
Unit Dry Weight (g/cm^3)	1.19	1.19
Void Ratio, e	1.28	1.28
Porosity, n	0.56	0.56
Pore Volume (cm^3)	189.4	189.3
Total Weight of Sample After Test (g)		599.90

Tested By: WT Date: 3/3/25 Checked By: JLK Date: 3/5/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8'
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 7 Day
Lab ID No.:	2025-096-003-001	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	77.5
Bottom Cap (psi)	80.0
Cell (psi)	85.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.78

Final Sample Dimensions	
Sample Length (cm), L	7.39
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.68
Inflow Burette Area (cm^2), a-in	0.961
Outflow Burette Area (cm^2), a-out	1.020

AVERAGE PERMEABILITY = 2.5E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 2.5E-08 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/4/2025	10	53	0.000	0.0	0.0	196.1	0	20.6	NA
3/4/2025	11	10	0.283	3.2	3.1	189.8	0	20.6	2.5E-06
3/4/2025	11	16	0.383	4.2	4.2	187.6	0	20.6	2.5E-06
3/4/2025	11	21	0.467	5.1	5.0	185.9	0	20.6	2.4E-06
3/4/2025	11	25	0.533	5.8	5.7	184.5	0	20.6	2.5E-06
3/4/2025	11	31	0.633	6.8	6.7	182.4	0	20.6	2.5E-06
3/4/2025	11	35	0.700	7.5	7.4	181.1	0	20.7	2.5E-06
3/4/2025	11	40	0.783	8.3	8.2	179.4	1	20.7	2.4E-06

Tested By: WT Date: 3/3/25 Checked By: JLK Date: 3/5/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

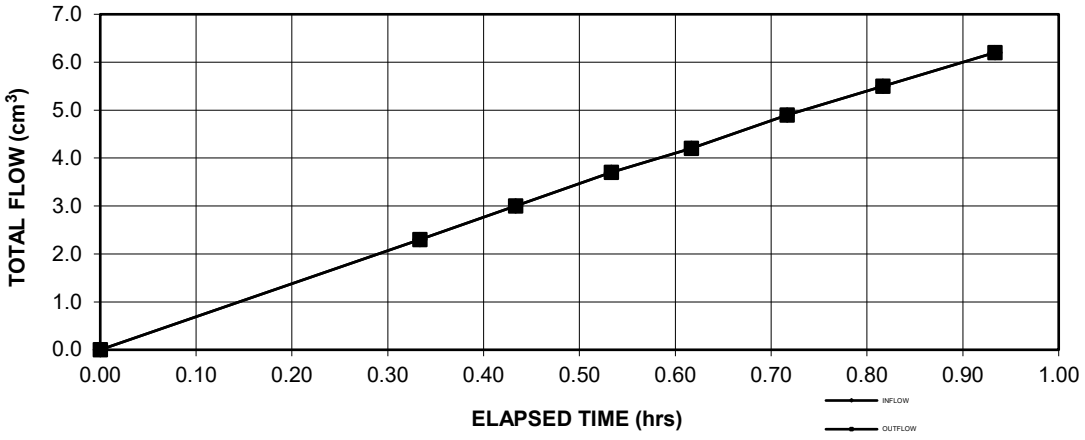
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8"
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 11 Day
Lab ID No.:	2025-096-003-002	Avg. Effective Consol. Pressure (psi):	6.25

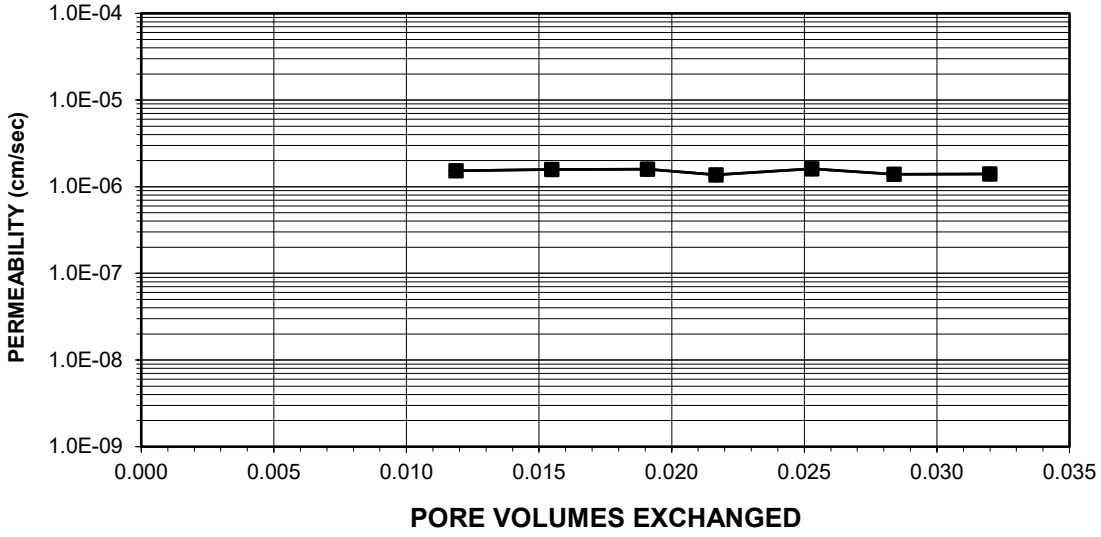
AVERAGE PERMEABILITY = 1.4E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 1.4E-08 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/11/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8"
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 11 Day
Lab ID No.:	2025-096-003-002	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	871	894
Weight of Tare & Wet Sample (g)	287.28	702.44
Weight of Tare & Dry Sample (g)	227.21	534.75
Weight of Tare (g)	110.14	109.58
Weight of Water (g)	60.07	167.69
Weight of Dry Sample (g)	117.07	425.17
Moisture Content (%)	**51.3**	**39.4**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	590.97	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	590.97	544.61
Length 1 (in)	2.905	2.904
Length 2 (in)	2.905	2.915
Length 3 (in)	2.914	2.910
Top Diameter (in)	3.014	3.012
Middle Diameter (in)	3.004	3.004
Bottom Diameter (in)	2.994	3.003
Average Length (in)	2.91	2.91
Average Area (in^2)	7.09	7.10
Sample Volume (cm^3)	337.74	338.46
Unit Wet Weight (g/cm^3)	1.75	1.61
Unit Wet Weight (pcf)	109.2	100.4
Unit Dry Weight (pcf)	72.2	72.0
Unit Dry Weight (g/cm^3)	1.16	1.15
Void Ratio, e	1.33	1.34
Porosity, n	0.57	0.57
Pore Volume (cm^3)	193.1	193.8
Total Weight of Sample After Test (g)		598.24

Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/11/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	6-8"
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 11 Day
Lab ID No.:	2025-096-003-002	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.78

Final Sample Dimensions	
Sample Length (cm), L	7.39
Sample Diameter (cm)	7.64
Sample Area (cm^2), A	45.80
Inflow Burette Area (cm^2), a-in	0.904
Outflow Burette Area (cm^2), a-out	0.876
B Parameter (%)	95

AVERAGE PERMEABILITY = 1.4E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 1.4E-08 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/10/2025	10	40	0.000	0.0	0.0	202.3	0	20.7	NA
3/10/2025	11	0	0.333	2.3	2.3	197.1	0	20.7	1.5E-06
3/10/2025	11	6	0.433	3.0	3.0	195.5	0	20.7	1.6E-06
3/10/2025	11	12	0.533	3.7	3.7	193.9	0	20.7	1.6E-06
3/10/2025	11	17	0.617	4.2	4.2	192.8	0	20.7	1.4E-06
3/10/2025	11	23	0.717	4.9	4.9	191.2	0	20.7	1.6E-06
3/10/2025	11	29	0.817	5.5	5.5	189.9	0	20.7	1.4E-06
3/10/2025	11	36	0.933	6.2	6.2	188.3	1	20.7	1.4E-06

Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/11/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

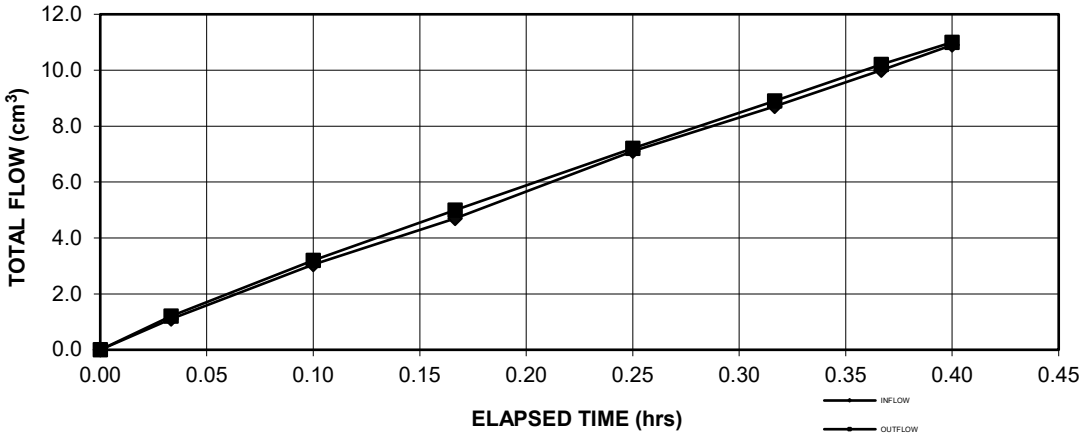
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 7 Day
Lab ID No.:	2025-096-003-003	Avg. Effective Consol. Pressure (psi):	6.25

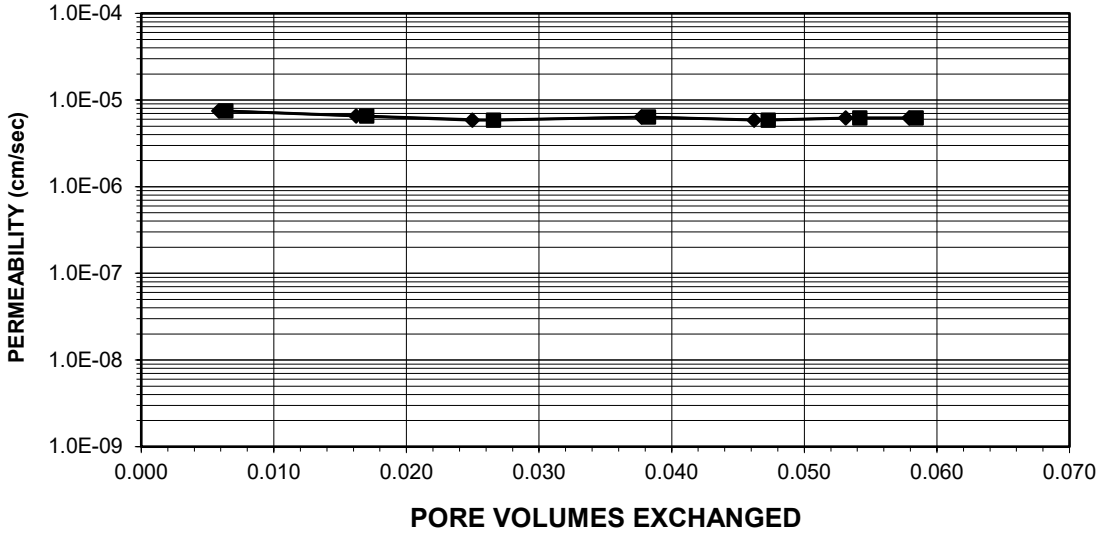
AVERAGE PERMEABILITY = 6.2E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 6.2E-08 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/3/25 Checked By: JLK Date: 3/5/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 7 Day
Lab ID No.:	2025-096-003-003	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Black Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	899	884
Weight of Tare & Wet Sample (g)	336.87	709.89
Weight of Tare & Dry Sample (g)	257.75	556.84
Weight of Tare (g)	109.45	109.27
Weight of Water (g)	79.12	153.05
Weight of Dry Sample (g)	148.30	447.57
Moisture Content (%)	**53.4**	**34.2**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	599.97	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	599.97	525.03
Length 1 (in)	2.869	2.865
Length 2 (in)	2.860	2.872
Length 3 (in)	2.868	2.875
Top Diameter (in)	3.013	3.012
Middle Diameter (in)	3.001	3.002
Bottom Diameter (in)	2.996	2.995
Average Length (in)	2.87	2.87
Average Area (in^2)	7.08	7.08
Sample Volume (cm^3)	332.68	333.18
Unit Wet Weight (g/cm^3)	1.80	1.58
Unit Wet Weight (pcf)	112.6	98.4
Unit Dry Weight (pcf)	73.4	73.3
Unit Dry Weight (g/cm^3)	1.18	1.17
Void Ratio, e	1.30	1.30
Porosity, n	0.56	0.57
Pore Volume (cm^3)	187.8	188.3
Total Weight of Sample After Test (g)		604.32

Tested By: WT Date: 3/3/25 Checked By: JLK Date: 3/5/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14'
Project No.:	2025-096-003	Sample No.:	Pilot-JA-6-8, 7 Day
Lab ID No.:	2025-096-003-003	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	24.10

Final Sample Dimensions	
Sample Length (cm), L	7.29
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.69
Inflow Burette Area (cm^2), a-in	0.936
Outflow Burette Area (cm^2), a-out	0.972

AVERAGE PERMEABILITY = 6.2E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 6.2E-08 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/4/2025	11	59	0.000	0.0	0.0	200.9	0	20.7	NA
3/4/2025	12	1	0.033	1.1	1.2	198.5	0	20.7	7.5E-06
3/4/2025	12	5	0.100	3.1	3.2	194.3	0	20.7	6.6E-06
3/4/2025	12	9	0.167	4.7	5.0	190.7	0	20.7	5.8E-06
3/4/2025	12	14	0.250	7.1	7.2	185.9	0	20.7	6.4E-06
3/4/2025	12	18	0.317	8.7	8.9	182.5	0	20.7	5.8E-06
3/4/2025	12	21	0.367	10.0	10.2	179.7	0	20.7	6.2E-06
3/4/2025	12	23	0.400	10.9	11.0	178.0	1	20.7	6.2E-06

Tested By: WT Date: 3/3/25 Checked By: JLK Date: 3/5/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

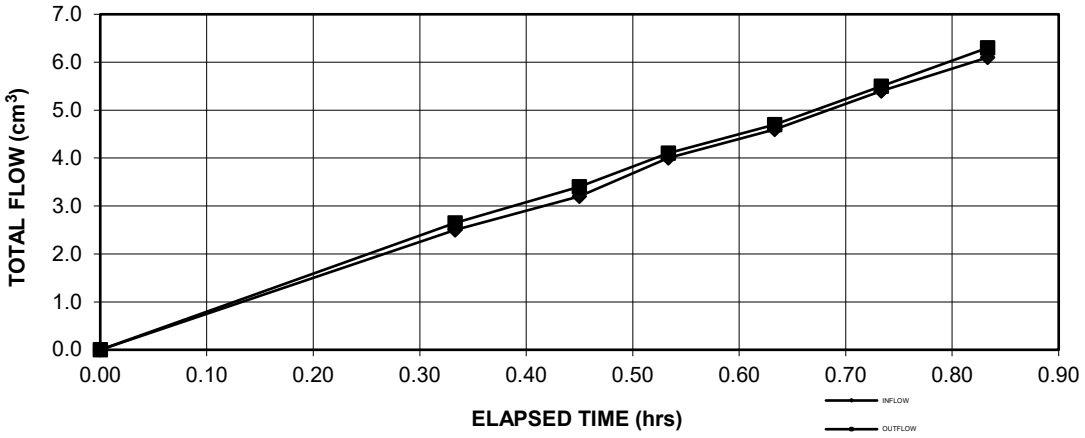
ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14"
Project No.:	2025-096-003	Sample No.:	Pilot-JA-12-14, 11 Day
Lab ID No.:	2025-096-003-004	Avg. Effective Consol. Pressure (psi):	6.25

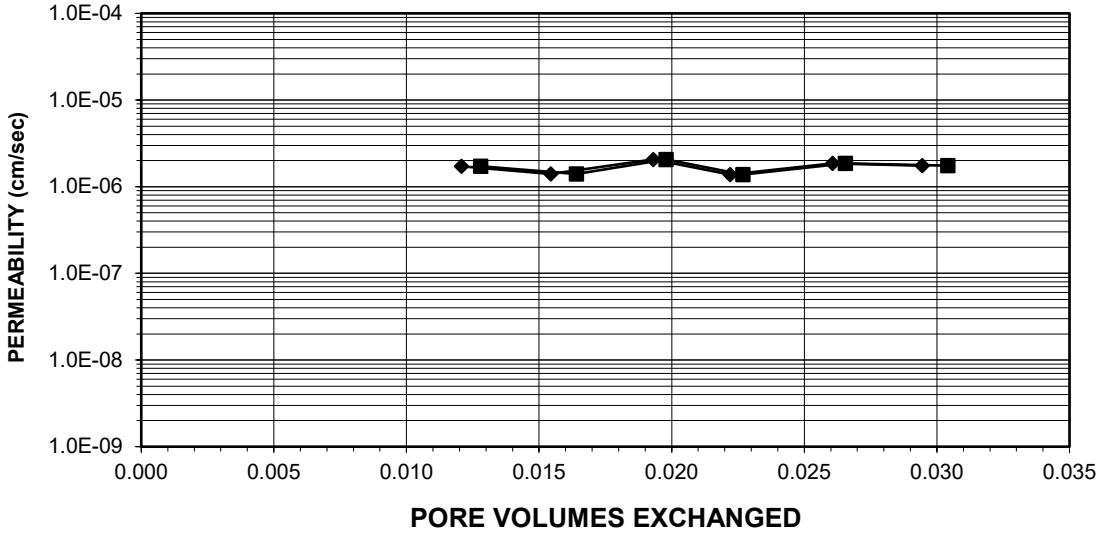
AVERAGE PERMEABILITY = 1.8E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 1.8E-08 m/sec @ 20°C

TOTAL FLOW vs. ELAPSED TIME



PORE VOLUMES EXCHANGED vs. PERMEABILITY



Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/11/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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PERMEABILITY TEST

ASTM D 5084-16a Method C

Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14"
Project No.:	2025-096-003	Sample No.:	Pilot-JA-12-14, 11 Day
Lab ID No.:	2025-096-003-004	Avg. Effective Consol. Pressure (psi):	6.25

Specific Gravity:	2.70	Assumed
Sample Condition:	Previously	Remolded

Visual Description: Dark Gray Stabilized Material

Permeant Type: Deaired Water

MOISTURE CONTENT:	BEFORE TEST	AFTER TEST
Tare Number	893	538
Weight of Tare & Wet Sample (g)	278.97	666.09
Weight of Tare & Dry Sample (g)	213.54	496.80
Weight of Tare (g)	110.26	81.18
Weight of Water (g)	65.43	169.29
Weight of Dry Sample (g)	103.28	415.62
Moisture Content (%)	**63.4**	**40.7**

SPECIMEN:	BEFORE TEST	AFTER TEST
Weight of Tube & Wet Sample (g)	582.12	NA
Weight of Tube (g)	0.00	NA
Weight of Wet Sample (g)	582.12	501.51
Length 1 (in)	2.912	2.927
Length 2 (in)	2.924	2.917
Length 3 (in)	2.927	2.924
Top Diameter (in)	3.014	3.011
Middle Diameter (in)	3.000	3.001
Bottom Diameter (in)	2.994	2.996
Average Length (in)	2.92	2.92
Average Area (in^2)	7.08	7.08
Sample Volume (cm^3)	338.95	339.14
Unit Wet Weight (g/cm^3)	1.72	1.48
Unit Wet Weight (pcf)	107.2	92.3
Unit Dry Weight (pcf)	65.6	65.6
Unit Dry Weight (g/cm^3)	1.05	1.05
Void Ratio, e	1.57	1.57
Porosity, n	0.61	0.61
Pore Volume (cm^3)	207.0	207.2
Total Weight of Sample After Test (g)		587.16

Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/11/25

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PERMEABILITY TEST

ASTM D 5084-16a Method C

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Client:	Renova Environmental Company	Boring No.:	Pilot-JA 2/24/25
Client Project:	30 Water St. Ossining, NY	Depth (ft):	12-14"
Project No.:	2025-096-003	Sample No.:	Pilot-JA-12-14, 11 Day
Lab ID No.:	2025-096-003-004	Avg. Effective Consol. Pressure (psi):	6.25

Pressure Heads (Constant)	
Top Cap (psi)	87.5
Bottom Cap (psi)	90.0
Cell (psi)	95.0
Total Pressure Head (cm)	175.8
Hydraulic Gradient	23.68

Final Sample Dimensions	
Sample Length (cm), L	7.42
Sample Diameter (cm)	7.63
Sample Area (cm^2), A	45.68
Inflow Burette Area (cm^2), a-in	0.875
Outflow Burette Area (cm^2), a-out	0.974

AVERAGE PERMEABILITY = 1.8E-06 cm/sec @ 20°C

AVERAGE PERMEABILITY = 1.8E-08 m/sec @ 20°C

DATE	TIME		ELAPSED TIME t	TOTAL INFLOW	TOTAL OUTFLOW	TOTAL HEAD h	FLOW (0 flow)	TEMP.	INCREMENTAL PERMEABILITY @ 20°C
(mm/dd/yy)	(hr)	(min)	(hr)	(cm^3)	(cm^3)	(cm)	(1 stop)	(°C)	(cm/sec)
3/10/2025	10	39	0.000	0.0	0.0	202.1	0	20.7	NA
3/10/2025	10	59	0.333	2.5	2.7	196.5	0	20.7	1.7E-06
3/10/2025	11	6	0.450	3.2	3.4	194.9	0	20.7	1.4E-06
3/10/2025	11	11	0.533	4.0	4.1	193.3	0	20.7	2.1E-06
3/10/2025	11	17	0.633	4.6	4.7	192.0	0	20.7	1.4E-06
3/10/2025	11	23	0.733	5.4	5.5	190.3	0	20.7	1.9E-06
3/10/2025	11	29	0.833	6.1	6.3	188.6	1	20.7	1.7E-06

Tested By: WT Date: 3/7/25 Checked By: JLK Date: 3/11/25

DCN: CT-22 DATE: 1/1/17 REVISION: 11

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Renova Environmental
30 Water Street
SUMMARY OF UNCONFINED COMPRESSION TESTING

ID	SAMPLE	MIX DATE	TEST DATE	CURING PERIOD (days)	WATER CONTENT (%)	TOTAL UNIT WGT. (pcf)	DRY UNIT WGT. (pcf)	PEAK COMPRESSIVE STRESS (psi)	STRAIN @ FAILURE (%)	FILE No.
PILOT-JA	6-8	2/24/2025	3/3/2025	7	43.8	105.1	73.1	60	3.8	UC250024
PILOT JA	6-8	2/24/2025	3/10/2025	14	41.9	105.7	74.6	133	2.7	UC250027
PILOT-JA	6-8	2/24/2025	3/24/2025	28		107.5		179		UC250036
PILOT-JA	12-14	2/24/2025	3/3/2025	7	40.8	105.8	75.2	40	2.9	UC250023
PILOT JA	12-14	2/24/2025	3/11/2025	15	38.2	108.8	78.8	33	2.6	UC250028
PILOT-JA	12-14	2/24/2025	3/24/2025	28		117.9		129		UC250037

preliminary

Renova Environmental
30 Water Street
SUMMARY OF UNCONFINED COMPRESSION TESTING

ID	SAMPLE	MIX DATE	TEST DATE	CURING PERIOD (days)	WATER CONTENT (%)	TOTAL UNIT WGT. (pcf)	DRY UNIT WGT. (pcf)	PEAK COMPRESSIVE STRESS (psi)	STRAIN @ FAILURE (%)	FILE No.
PILOT-C	6-8	4/29/2025	5/6/2025	7		114.1		610	1.4	UC250047
				28						
	12-14	4/29/2025	5/6/2025	7		115.6		572	1.7	UC250048
				28						

preliminary