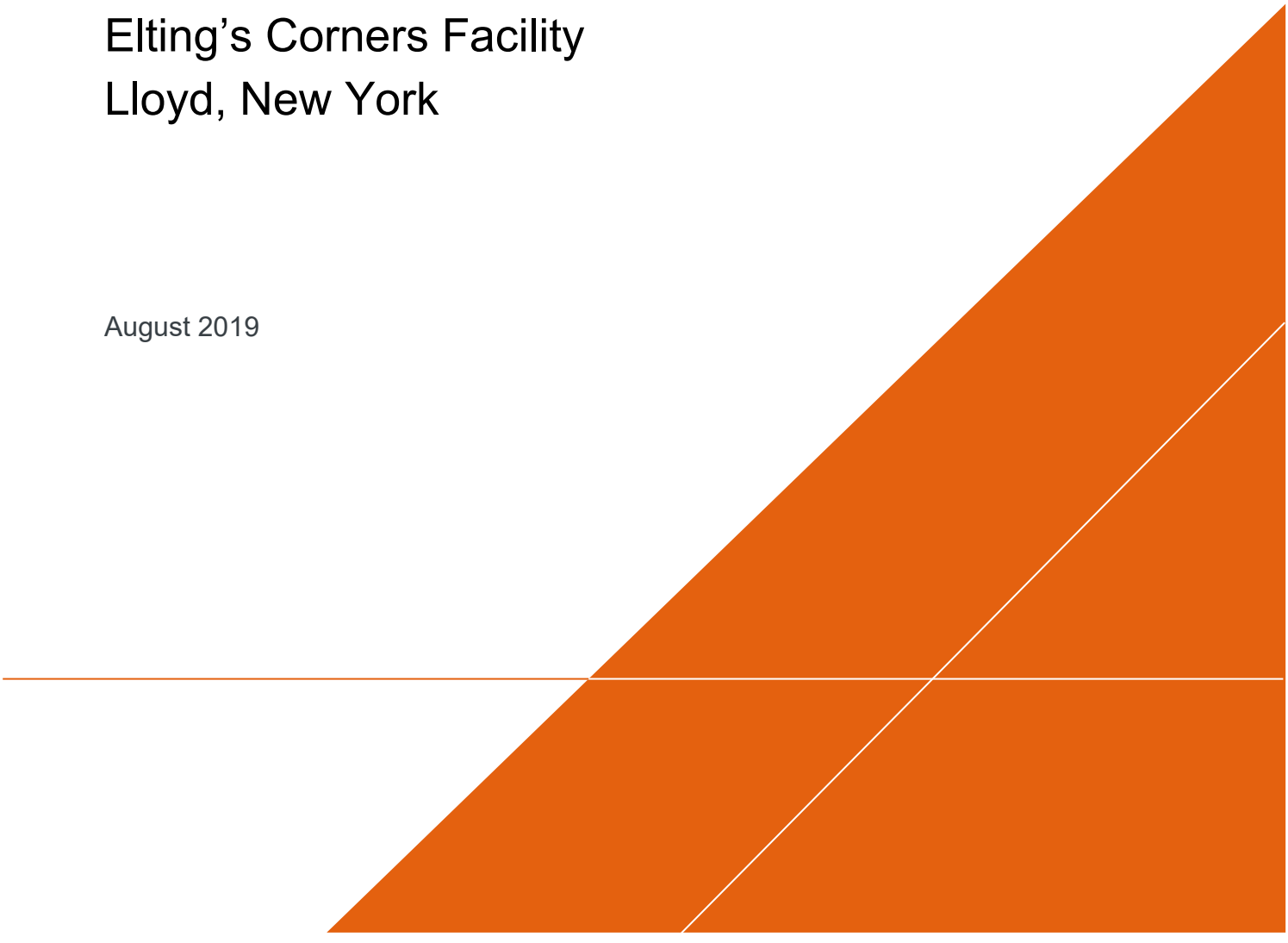
ARCADIS Design & Consultancy for natural and built assets

Central Hudson Gas & Electric Corporation

FINAL ENGINEERING REPORT

Elting's Corners Facility
Lloyd, New York

August 2019



I, Mark O. Gravelding, P.E., am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that construction activities were completed in substantial conformance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Mark O. Gravelding, P.E, of 110 West Fayette Street, Suite 300, Syracuse, New York 13202, am certifying as Owner's Designated Site Representative for the site.



Mark O. Gravelding, P.E.
New York State P.E. No. 069985
Engineer of Record

FINAL ENGINEERING REPORT

Elting's Corner Facility
Lloyd, New York

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ACRONYMS AND ABBREVIATIONS

Abscope	Abscope Environmental, Inc.
ACS	A. Colarusso & Son, Inc.
Arcadis	Arcadis of New York, Inc.
CAMP	Community Air Monitoring Plan
CHGE	Central Hudson Gas & Electric Corporation
CQAP	Construction Quality Assurance Plan
DER-10	Technical Guidance for Site Investigation and Remediation (NYSDEC 2010)
FER	Final Engineering Report
General Permit	SPDES General Permit for Stormwater Discharges from Construction Activity
NWP-38	Nationwide Permit-38
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
RAOs	remedial action objectives
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RMP	Restoration and Monitoring Plan
SOP	Site Operations Plan
SPDES	State Pollutant Discharge Elimination System
SWPPP	Stormwater Pollution Prevention Plan
TDS	total dissolved solids
Tri-Point	NMB Land Surveying PLLC
TWTS	temporary water treatment system
USACE	United States Army Corps of Engineers
WQC	Section 401 Water Quality Certification

1 INTRODUCTION

1.1 Purpose and Scope

This Final Engineering Report (FER) describes the remedial construction completed to remove sediment impacted with polychlorinated biphenyls (PCBs) and polycyclic aromatic hydrocarbons (PAHs) from the channel and wetland downstream of Central Hudson Gas & Electric Corporation's (CHGE's) Elting's Corners facility outfall (State Pollutant Discharge Elimination System [SPDES] #NY0148849) located in Lloyd, New York.

This FER has been prepared by Arcadis of New York, Inc. (Arcadis) on behalf of CHGE in general accordance with the New York State Department of Environmental Conservation (NYSDEC's) Technical Guidance for Site Investigation and Remediation (DER-10; NYSDEC 2010). The remedial construction activities described herein were conducted in general conformance with the Remedial Action Work Plan (RAWP; Arcadis 2018) conditionally approved by NYSDEC in a letter dated May 15, 2018. Deviations from the RAWP (approved by NYSDEC) are summarized in Section 4.

1.2 Project Location and Background

CHGE has owned the Elting's Corners property, a 33.7-acre area, in the Town of Lloyd, Ulster County, New York (Figure 1) since the 1950s. The portion of the property on the east side of South Street was developed in the 1950s by CHGE for materials storage, electrical equipment service and repair (including transformers), utility equipment and vehicle storage, maintenance, and repair. The eastern portion of the property (referred hereafter as "the facility") is currently developed and includes a material warehouse, maintenance garages, and administrative offices. The portion of the property on the west side of South Street was an active orchard until sometime after 1963 when it ceased being cultivated and largely reverted to wetlands. The western portion of the property is undeveloped with an unpaved parking and temporary storage area located in the southeast corner of the property.

In 2009, CHGE initiated a Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) to comply with CHGE's RCRA Part 373 Permit renewal process. During the RFI, it was assumed that the stormwater system had transported PCBs and PAHs to the outfall (SPDES #NY0148849) and into the wetland on the west side of South Street and south of State Route 299 (referred hereafter as "the site") based on PCB and PAH results from samples collected from the site. PCB and PAH impacts were not found within the facility as part of the RFI. The site consists predominantly of the western portion of the CHGE-owned property in addition to two privately owned properties. Relevant site features are shown on Figure 2.

Additional details on the site background and previous investigations were included in the RAWP.

1.3 Selected Remedy

1.3.1 Remedial Action Objectives

Based on investigations performed between 2009 and 2012, remedial action objectives (RAOs) were established for the site and documented in the Focused Corrective Measures Study Report (Kleinfelder 2014). The RAOs for the site are:

- RAO-1: Prevent direct contact with contaminated sediments.
- RAO-2: Prevent surface water contamination which may result in fish advisories.
- RAO-3: Prevent releases of contaminant(s) from sediments that would result in surface water levels in excess of ambient water quality criteria.
- RAO-4: Prevent impacts to biota from ingestion/direct contact with sediments causing toxicity or impacts from bioaccumulation through the aquatic food chain.
- RAO-5: Restore sediments to pre-release/background conditions to the extent feasible.

1.3.2 Description of Selected Remedy

To achieve the above RAOs, the site was remediated in accordance with the NYSDEC approved RAWP, which included removal of Class B and Class C sediment (as defined in NYSDEC Screening and Assessment of Contaminated Sediment guidance document [2014]) and wetland restoration. Clean up values are summarized in Table 1.

Table 1. Remediation Clean Up Values

Constituent	Clean Up Value
Total PCBs	100 microgram per kilogram
Total PAHs	4,000 microgram per kilogram

The major components of the selected remedy detailed in the RAWP included:

- Tree Clearing.
- Site Preparation, including access route and support area construction.
- Water Management, including:
  - Temporary Water Bypass System.
  - Flooded Area Dewatering.
  - Construction Water Management and Treatment.
- Sediment Removal.
- Sediment Handling and Disposal.
- Backfilling.
- Restoration Seeding and Planting.

Details on the implementation of the selected remedy are included in Section 3.

2 REMEDIATION OVERVIEW

Remedial activities were performed as a single project, and no interim remedial measures, operable units or separate construction contracts were performed. This section summarizes the documents governing the work and the project team that implemented the work.

2.1 Project Team

This section presents the project organization and associated roles, including key personnel, descriptions of duties, and lines of authority in the management of the remedial construction activities. Information regarding the major organizations/personnel and their associated responsibilities is provided below.

2.1.1 CHGE

CHGE had the ultimate responsibility for implementing the site remediation and was responsible for on-site remediation operations during the project unless otherwise stated. Communication with regulatory agencies and with members of the surrounding community was managed by CHGE. CHGE obtained the necessary access agreements to facilitate implementation of the remediation construction on non-CHGE owned properties. The primary contact for CHGE was Mr. Chris DeRoberts.

2.1.2 Arcadis

Arcadis was retained by CHGE to provide engineering observation services for the duration of the sediment removal activities to document that the activities were conducted in accordance with the RAWP and/or NYSDEC-approved field changes. Arcadis, as the Engineer of Record, was also retained to prepare this FER and certify that the remediation was completed in substantial conformance with the approved RAWP and/or NYSDEC-approved field changes. The primary contacts for Arcadis during remediation were Ms. Amanda Kohler, Mr. Matt Kroening, and Mr. Mark Gravelding, P.E. (Engineer of Record).

2.1.3 Abscope

Abscope Environmental, Inc. (Abscope) was the prime remedial contractor retained by CHGE to implement the construction activities in accordance with the RAWP, NYSDEC-approved field changes, permits, and applicable federal, state, and local laws and regulations. Abscope retained various subcontractors and suppliers (Table 2) for the purposes of completing the project. The primary contacts for Abscope were Mr. Rob Gray, Mr. Rob Drabot, and Mr. Jon LeMessurier.

Table 2. Subcontractors and Major Suppliers

Subcontracted Entity	Activities Performed
Adirondack Environmental Services, Inc.	Analyzed Soil and Water Samples
Applied Ecological Services	Performed Wetland Plantings and Herbicide Spraying
ArcheWild Native Nurseries	Supplied Woody Species for Planting
Atlantic Testing Laboratories	Analyzed Imported Material Samples

Subcontracted Entity	Activities Performed
Bruce Weakly Trucking	Transported Stumps to Disposal Facility
Callanan Industries, Inc.	Supplied and Transported Clean Backfill/Stone to Site
Cason Transport	Transported Impacted Sediment to Disposal Facility
Ernst Seeds	Provided Seed Mixes for Planting
Godwin	Provided and Repaired Pumps and Bypass Lines
Goulet Trucking	Transported Impacted Sediment to Disposal Facility
HCI Technologies	Installed and Removed Temporary Electrical Service
Lockwood Remediation Technologies, LLC	Supplied Water Treatment System Components and Provided Maintenance and Technical Support During Operation
McCarey's Landscaping/Trucking	Provided, Blended and Delivered Clean Backfill
New England Wetland Plants	Supplied Woody Species for Planting
NMB Land Surveying PLLC (Tri-Point)	Professional Licensed Surveyor; Performed Survey and Provided Survey-related Deliverables
Riccelli Trucking	Transported Impacted Sediment to Disposal Facility
Ron Allen Trucking	Transported Impacted Sediment to Disposal Facility
Seneca Meadows	Disposal Facility for Impacted Sediment and Stumps
Silvarole Trucking	Transported Impacted Sediment to Disposal Facility
Tradebe	Transported and Disposed of Impacted Water
York Analytical Laboratories, Inc.	Collected and Analyzed Water and Soil samples

2.1.4 NYSDEC

NYSDEC served as the lead regulatory agency for this remediation. NYSDEC provided field observation of the remedial construction and provided guidance and approvals during construction. The NYSDEC field inspector was Mr. David Herman and the NYSDEC project manager was Ms. Kiera Thompson, who was responsible for providing and coordinating regulatory oversight and direction. NYSDEC coordinated with New York State Department of Health (NYSDOH) to provide input from a health and safety perspective; the NYSDOH contact was Ms. Kristin Kulow.

2.2 Governing Documents

2.2.1 Remedial Action Work Plan

The RAWP was developed as the work plan for the performance of remediation at the site and was conditionally approved by NYSDEC in a letter dated May 15, 2018. The RAWP presents the site history, basis of design, details of the construction requirements for each component of the remediation and includes the Design Drawings and supporting plans described below.

2.2.1.1 Community Air Monitoring Plan

The Community Air Monitoring Plan (CAMP) for the remediation activities was provided as Appendix E of the RAWP and described the air monitoring activities, action levels, and control measures for the remedial activities at the site. This CAMP was based on the generic CAMP guidelines established by the NYSDOH in DER-10 (NYSDEC 2010).

The CAMP required real-time air monitoring for volatile organic compounds and particulates (i.e., dust) at the work area during intrusive activities (e.g., excavation support installation, excavation, material handling activities) using instrumentation equipped with electronic data-logging capabilities. CAMP monitoring was performed at one upwind and two downwind locations. Meteorological monitoring was performed continuously during remediation activities (intrusive and non-intrusive) via the on-site meteorological monitoring station. Upwind and downwind monitoring locations were determined each day based on the information from the meteorological monitoring station.

During non-intrusive activities (i.e., management/handling of clean backfill only), a modified monitoring program was implemented that included visual monitoring for nuisance dust and periodic measurement of dust at the perimeter of the work zone using a personal handheld dust monitor. This modification from the full CAMP monitoring was approved by NYSDEC on September 13, 2018.

Results of the CAMP monitoring program are discussed in Section 3.1.5.

2.2.1.2 Construction Quality Assurance Plan

The Construction Quality Assurance Plan (CQAP) was included as Appendix F of the RAWP approved by the NYSDEC. The CQAP managed performance of the remediation tasks through designed and documented quality assurance and quality control methodologies applied in the field and in the laboratory. The CQAP provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications. Documentation and monitoring described in this FER was performed in accordance with the CQAP, including but not limited to, survey collection, imported fill sampling, field observation, and reporting.

2.2.1.3 Stormwater Pollution Prevention Plan

The site-specific Stormwater Pollution Prevention Plan (SWPPP) was provided as Appendix H of the RAWP and described the erosion and sedimentation control program to be implemented during construction. The SWPPP was submitted to the Town of Lloyd for review and acceptance as part of the Notice of Intent for coverage under the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity (General Permit). The SWPPP was accepted by the town on May 8, 2018 (Appendix A). The objectives of the erosion and sedimentation control program were to minimize the potential for erosion of exposed and/or disturbed soils, minimize the potential for transport of suspended soil/sediment within surface water runoff, and minimize the potential for transport of suspended sediment off-site. The erosion and sediment controls for remedial construction were performed in conformance with requirements presented in the SWPPP and the New York State Guidelines for Urban Erosion and Sediment Control (NYSDEC 2016).

2.2.1.4 Waste Material Handling and Disposal Plan

The Waste Material Handling and Disposal Plan for the remediation activities was provided as Appendix L of the RAWP and described the characterization, handling, treatment, and disposal requirements for various waste materials that were anticipated to be generated during construction and to outline the material handling and disposal protocols for compliance with applicable manifesting, labeling, transporting, tracking, and treatment/disposal practices and applicable federal, state, and local regulatory requirements.

2.2.1.5 Restoration and Monitoring Plan

The Restoration and Monitoring Plan (RMP) was provided in Appendix B of the RAWP and was prepared to describe the ecological resource types affected by the remediation, detail the restoration activities proposed to compensate for the temporary impacts to the waters and wetlands within the project area, and detail the performance and monitoring requirements for the restoration areas.

2.2.2 Site Health & Safety Plan

A site-specific Health and Safety Plan was prepared by Abscope to present the health and safety procedures to be followed during implementation of the remedial construction in accordance with governmental requirements, including site and worker safety requirements mandated by the United States Occupational Safety and Health Administration. Construction activities performed under the remedial action were in compliance with the site-specific Health and Safety Plan. A copy of the site-specific Health and Safety Plan was submitted to NYSDEC for information prior to initiating sediment removal activities.

2.2.3 Site Operations Plan

The Site Operations Plan (SOP) was developed by Abscope to provide a detailed description of the remedial activities to be completed at the site. The SOP was prepared to meet the requirements of the RAWP and was reviewed by Arcadis for general conformance with the RAWP. A copy of the SOP was submitted on June 20, 2018 for informational purposes to NYSDEC prior to initiating sediment removal activities.

2.2.4 Permits

Certain federal, state, and local permits and other authorizations were required for the implementation of the remedial activities. The following permits were obtained by CHGE with assistance from Arcadis: Nationwide Permit-38 (NWP-38), Section 401 Water Quality Certification (WQC), and SPDES permits. Abscope was required to perform the work in accordance with the requirements of these permits. Additional information on each of the obtained permits is provided below and copies of the permits are provided in Appendix A.

2.2.4.1 Nationwide Permit-38

A NWP-38 was required for conducting the sediment removal activities in waters of the United States, including the on-site wetlands. The NWP-38 and WQC were submitted to the United States Army Corps of Engineers (USACE) and NYSDEC under a Joint Application for Permit on September 22, 2017. Coverage under NWP-38 was authorized by USACE on December 5, 2017 under permit number NAN-2017-01389. Following completion of the restoration work in spring 2019 (Section 3.8), the Nationwide Permit Compliance Certification and Report form will be completed and returned to USACE as required by the NWP-38 authorization.

2.2.4.2 Section 401 Water Quality Certification

A WQC was applied for as part of the Joint Application for Permit described above. The WQC permit for the site (Permit ID 3-5132-00032/00007) was issued on December 6, 2017. A copy of the WQC was maintained onsite during construction and the permit notice sign was posted in a conspicuous place onsite.

2.2.4.3 SPDES Permit for Water Treatment System Discharge

CHGE applied on December 5, 2017 for an individual SPDES permit for the discharge of treated water from the on-site temporary water treatment plant to the channel downstream of the site. NYSDEC issued SPDES permit NY0281123 (referred herein as “SPDES discharge permit”) with an effective date of July 1, 2018 for the temporary water treatment system (TWTS) discharge. In accordance with the SPDES discharge permit and based on the proposed TWTS processes, notification forms for use of water treatment chemicals, specifically coagulant and flocculant, were submitted to NYSDEC for review. NYSDEC approved use of these chemicals on July 5, 2018. Details on the operation of the TWTS and discharge sampling are provided in Section 3.2.3.

Following completion of the TWTS operations, a closure notification (Appendix A) was submitted to the NYSDEC Division of Water Region 3 Engineer on October 25, 2018 notifying the agency of the completion of water treatment and beginning of TWTS dismantling. Additional details on the closure were provided on December 18, 2018 based on clarifications requested by the Region 3 Engineer. A closure inspection was conducted by Region 3 on February 14, 2019 and a permit deletion request letter was submitted by CHGE to the Regional Permit Administrator on March 1, 2019. A notice of permit discontinuance was received from Region 3 on April 16, 2019. Copies of the correspondences identified above are provided in Appendix A.

2.2.4.4 SPDES General Permit for Construction

A notice of intent to discharge non-impacted stormwater under the General Permit was submitted to NYSDEC and included a copy of the SWPPP and Town of Lloyd SWPPP acceptance (see discussion in Section 2.1.1.3). Based on the construction being performed under a NYSDEC-approved RAWP, the notice of intent was filed for informational purposes per a May 21, 2018 e-mail from NYSDEC (Appendix A). Discharge of non-impacted stormwater from the site was performed in accordance with the approved RAWP, NYSDEC-approved field changes, and the general requirements of the General Permit.

Following the written release from active treatment of excavation water (Section 3.2.4), water that accumulated within the completed excavation was also managed in accordance with stormwater best management practices under the General Permit, including discharge to a straw bale sediment trap area to control turbidity.

Once final stabilization of the site is achieved in accordance with the General Permit (anticipated late summer/fall 2019), temporary erosion controls will be removed and a notice of termination will be filed with the Town of Lloyd and NYSDEC.

3 IMPLEMENTATION OF REMEDIAL ACTION

Remedial activities were conducted in accordance with the NYSDEC-approved RAWP unless otherwise indicated and discussed further in Section 4. The main construction was performed between March 2018 and December 2018 with additional restoration activities planned for the Spring of 2019 as described in this section.

3.1 General Remedial Program Elements

3.1.1 Tree Clearing

Trees within the limits of work shown on Record Drawing 2 (Appendix B) were cleared to allow for completion of the remedial excavation. To comply with a special condition of the NWP-38 (Appendix A), tree felling was performed the week of March 19, 2018 to meet the clearing window (i.e., between November 1 and March 31) for protection of the Indiana bat and northern long-eared bat. Trees were manually felled and left in place to prevent disturbance to existing sediments until full mobilization occurred in June 2018. No intrusive activities were performed as part of the tree felling activities.

Following full mobilization, select logs from previously felled trees located outside the limit of impacts/excavation were identified and staged onsite for use during restoration activities. Trees not selected for re-use including aboveground portions of felled trees and brush within the limits of impact were removed from the wetland and chipped within the sediment handling pad. Wood chips were subsequently mixed with impacted sediment transported off-site for disposal (Section 3.3.1.4).

The portions of vegetation in contact with the impacted sediment (e.g., tree stumps, roots) were removed during excavation activities (Section 3.3.1) and disposed off-site with the excavated material.

3.1.2 Mobilization and Site Preparation

Abscope commenced partial mobilization and site preparation activities on May 14, 2018 including mobilization of personnel, equipment, services, and materials to the site. Full mobilization and site preparation commenced June 11, 2018. The following subsections describe the activities performed during the mobilization and site preparation.

3.1.2.1 Pre-Construction Survey

Pre-construction survey was performed by Abscope's surveyor (Tri-Point) to document the pre-construction site conditions including, topography, known utilities, and other site features. Results of the pre-construction survey are shown in Appendix C and are incorporated on Drawing 1 (Appendix B). As part of the pre-construction survey support, Tri-Point also established survey controls and laid out the excavation extents and limits of work.

3.1.2.2 Construction Kickoff Meeting

The construction kickoff meeting was held onsite on June 11, 2018 prior to start of excavation. Personnel from CHGE, Abscope, Arcadis, and NYSDEC were in attendance.

3.1.2.3 Utility Identification and Protection

Abscope performed the utility investigation, including coordinating with Dig Safely New York and CHGE prior to construction activities to mark all onsite underground utilities. Above ground utilities and structures (e.g., conduits to ground from electric meter, overhead electric lines, light poles, electric devices with no overhead lines, utility poles) were also marked. During the utility identification process, fiber optic lines were identified adjacent to the Route 299 Discharge Culvert. Based on the Dig Safely New York ticket, Adesta conducted further utility clearance of the area adjacent to the Route 299 Discharge Culvert. Orange paint and pin flags were used to mark the location of the buried cable. After the lines were properly identified and flagged, Abscope removed material around the lines by hand. Hand clearing was performed for all intrusive work within 30 inches of a utility marking.

3.1.2.4 Erosion and Sedimentation Control Installation

To minimize erosion and sedimentation during remediation activities best management practices were implemented. Temporary erosion and sedimentation controls, including silt fence, compost socks, straw wattles, straw bales, and geotextile fabric liners, were installed in accordance with the RAWP. The specific locations of these controls were modified based on site-specific considerations related to drainage, topography, work activities, and other factors during the project's remediation activities.

Construction entrances were installed at transitions to public roadways and silt fence or compost socks were installed around the perimeter of the work area to minimize transport of dirt and debris from the site to the adjacent areas. New crushed stone was periodically placed on the construction entrances to minimize the tracking of materials onto public roads. SWPPP inspections were performed during active construction by Arcadis and reports were prepared and submitted to CHGE and Abscope as discussed in Section 3.1.6.

Following the establishment of suitable vegetative cover in 2019, non-biodegradable temporary erosion and sedimentation control measures (e.g., silt fence) will be removed and disposed off-site.

3.1.2.5 Support Area Construction

Temporary office trailers were supplied by Abscope. The trailer used by CHGE and Arcadis was located within the facility in the northwest corner of the fenced property. A second office trailer used by Abscope was located in the southeastern corner of the site adjacent to South Street. HCI Technologies installed temporary electrical services lines from CHGE power drops at both trailers. Sanitary stations were set up near the office trailers. Two porta-johns were brought to the site and maintained weekly for the duration of the 2018 construction season. Both office trailers were furnished with first aid kits.

3.1.2.6 Site Access Road Installation

Abscope was responsible for determining the location of the access roads as part of their SOP and establishing on-site and off-site traffic controls and patterns. Stabilized construction entrances were constructed at transitions from on-site to public roads. Abscope constructed a site access road at the approximate location shown on Drawing 2 (Appendix B). The access roads were constructed of Strong Mat and Dura-Base composite construction mats and supplemented with wooden crane mats underneath.

Once the excavation of contaminated materials was complete, a surface scrape and backfill of the main access road was performed. All mats used in the construction of the access road (composite and wooden mats) were decontaminated and the mat access road was reconstructed. This action was completed in accordance with discussions with NYSDEC to control potential for cross-contamination and create a "clean" work area for backfill and restoration activities.

3.1.3 General Site Controls

Various general site controls discussed below were implemented during the remedial activities in accordance with project documents.

- Site security – Access to the site was documented on the sign-in log maintained onsite by Abscope (personnel) and Arcadis (visitor), and site entrance/exit gates were locked overnight and on weekends. Equipment and materials were kept within the support staging area inside the gates. A 24-hour security office was located adjacent to the job site at the facility and security personnel monitored activity during non-work periods.
- Job site record keeping – Throughout the duration of the project site activities were documented by completing daily field construction reports, logs, and forms. Additional details on job site record keeping are presented in Section 3.1.6.
- Erosion and sedimentation controls – Temporary measures were utilized for erosion and sediment control as part of remedial construction activities. Details on erosion and sedimentation controls are provided in Section 3.1.2.4.
- Stockpile methods – Excavated material was stockpiled within the sediment handling pad constructed in the upland support area. Stockpiles of impacted material left in place overnight or prior to a rain event were covered with plastic sheeting and anchored with sandbags to resist wind forces. Overly saturated soils were dewatered as discussed in Section 3.3.1.2 to prevent run off from stockpiles. Imported fill and stone was temporarily stockpiled in separate areas away from significant runoff.

3.1.4 Nuisance Controls

During the performance of remedial activities, Abscope took necessary precautions to protect the environment, including watercourses, surface waters, groundwater, sediments, soils, and air from degradation or damage in accordance with applicable federal, state, and local laws and regulations. The following controls were implemented during the remedial activities to protect public health and mitigate nuisances to the surrounding community:

- Equipment and vehicle decontamination – Vehicles and equipment (e.g., tires, tracks, undercarriages, buckets/blades of excavators, dozers, loaders) that had potential to come into contact with impacted material were decontaminated using shovels, picks and power washers at the equipment decontamination pad. Sediment and water generated during decontamination activities was collected and disposed of with other soil and water (respectively) transported off-site for disposal as discussed in Section 3.3.

- Personnel decontamination - Personnel decontamination was performed based on the level of personal protective equipment used and included, at a minimum, removing residual material from boots and clothing and washing hands and face thoroughly. A boot wash station was used throughout the project for all personnel who entered/exited the excavation area.
- Traffic controls – In general, trucks entered from South Street onto the constructed stone surfaces for loading and processing. Polyethylene sheeting was used to create a clean surface for trucks to be loaded on and allow any dropped material to be identified and promptly removed. An increase in trucks on site resulted in an isolated occurrence of trucks waiting along South Street blocking travel lanes. Abscope notified all trucking companies no staging on South Street was permitted; Abscope directed trucking companies to stage off-site (e.g., along Route 299). If off-site staging was not available, a flagger directed trucks on South Street to park in areas outside the travel lanes and approved by CHGE. Traffic controls were placed along South Street as a precaution for public safety, including signage, traffic drums, and/or cones. Trucks hauling waste off-site were lined, tarped, and decontaminated (as necessary).
- Noise Controls - During remediation, noise levels produced by construction equipment were maintained at typical levels for the type of equipment and no noise complaints were received. Hours of work were adjusted to comply with the Town of Lloyd noise ordinance, including no Sunday work before 9 a.m.
- Odor and dust control – Consistent with the RAWP, the following dust, vapor, and odor control measures were available and/or used during construction, depending upon specific circumstances, visual observations, and air monitoring results:
    - Water spray
    - Polyethylene sheeting (e.g., for covering excavation faces, material stockpiles)
    - Vapor suppression foam (mobilized and available but not utilized based on observed conditions)
- Resuspension Controls - Resuspension controls (e.g., absorbent socks, straw wattles, and straw bales) were used to minimize migration of suspended sediments and/or sheens out of the work area. These control measures were monitored and maintained as necessary throughout the project and removed following site restoration. Resuspension monitoring included visual monitoring of the areas downstream of the active work area and bypass discharge locations. Visual monitoring was performed throughout remediation no less than twice a day during intrusive activities or water discharge.

No nuisance complaints were received from the public during the remedial construction activities.

3.1.5 CAMP Monitoring

CAMP monitoring was performed between June 25, 2018 and December 7, 2018. This time period included continuous dust and VOC monitoring during intrusive ground activities (i.e., excavation, impacted material handling, decontamination) and manual dust readings during non-intrusive dust generating activities (e.g., backfill handling and placement). Continuous air monitoring data was collected via three portable air quality monitoring stations located around the perimeter of the site with the instrument location determined based on the wind direction each day (two downwind and one upwind).

Results of the CAMP monitoring were summarized in weekly reports prepared by Abscope and distributed to CHGE and Arcadis. Copies of the reports were forwarded to NYSDEC and NYSDOH. The weekly CAMP reports are provided in Appendix D. There were three exceedances of the CAMP action levels during construction as summarized in Table 3.

Table 3. Summary of CAMP Action Level Exceedances

Date	Cause for Exceedance	Action Taken
06/29/2018	Equipment driving by CAMP station	End of day, no action taken
07/02/2018	Tractor trailer entering/exiting the site	Adjusted location of CAMP
09/20/2018	Equipment placed in vehicle cab during straw bale unloading	No action; temporary condition

Note: The table above does not include exceedances of the action level measured at start up, which were attributed based on discussion with the equipment manufacturer to high humidity causing condensation on the sensor due to temperature differences between the equipment (stored inside) and air. There were six instances of this occurring. Each occurrence was discussed in detail during weekly progress meetings and all parties in attendance agreed these exceedances were not due to on-site operations.

3.1.6 Reporting

The following project reporting was conducted in support of documenting remedial construction activities:

- Daily Construction Activity Reports – As part of the construction observation activities, Abscope and Arcadis prepared daily construction reports to document site activities. Abscope's daily construction reports were submitted the following business day in electronic format to CHGE.
- Weekly Progress Meetings – Weekly meetings were held onsite and via conference call during the remedial activities to discuss progress and upcoming work. Representatives from CHGE, NYSDEC, Arcadis, and Abscope were invited to, participated in, and included on correspondences related to the weekly meetings. Minutes were documented by Arcadis at the meeting and were provided to the project team for comment. During each meeting, comments on the previous meeting's minutes were discussed and/or the minutes were approved.
- SWPPP Inspection Report – Periodic inspection reports were prepared by Arcadis during the 2018 construction activities to document the performance of the SWPPP. Following the 2018 demobilization, SWPPP inspections were reduced from weekly to monthly and were performed by CHGE. Submittal of the Notice of Termination is anticipated in the late summer or fall 2019 following final stabilization from spring seeding efforts. Copies of the SWPPP inspection reports are included in Appendix E.
- Transportation Log – Arcadis maintained a transportation log to document all loads of soil or liquid waste transported off-site. A copy of the transportation log isincluded in Appendix F.

Additionally, a project photograph log with representative photographs of the remedial construction activities is included in Appendix G.

3.2 Water Management

Water management was performed to allow sediment removal and restoration activities to be performed in dewatered conditions in accordance with the RAWP. Implemented water management practices are described further below.

3.2.1 Temporary Water Bypass

Abscope constructed a bypass system to transport the inflow (e.g., outfall flows, runoff from upgradient wetlands) around the entire work area and discharge downstream of the work area as shown on Drawing 2 (Appendix B). Upgradient and downstream hydraulic barriers (constructed using sandbags, supersacks, and polyethylene liners) were constructed by Abscope to isolate the work area to be excavated. Based on field conditions and observed surface water drainage patterns, installation of a continuous bladder dam to separate the work area from the adjacent wetland area was not necessary based on the seasonal site conditions; compost socks were installed instead as an erosion and sedimentation control. Hydraulic barriers were constructed at three culverts (South Street Culvert, Route 299 Discharge Culvert, and Northeast Route 299 Culvert) and at the Fire Pond located on the facility property. The Northeast Route 299 Culvert was identified during construction following a significant rain event as discussed in Section 4.3. A series of Godwin pumps were used to carry the bypass flows from the dammed areas of the upstream culverts (South Street and Northeast Route 299 Culverts) to the Route 299 Discharge Culvert. Intakes and discharge points of the bypass system were constructed and operated in a manner to dissipate energy and minimized scour and erosion of the channel bed and bank materials. Bypass water pumped around the bypass area was discharged downstream of the work area without treatment.

Initial dewatering of the bypassed work area was performed via gravity drainage and a pump suspended above the bottom of the channel to minimize disturbing the existing sediment surface. Prior to any ground disturbance, water within the bypassed area downstream of the up-gradient bypass dams was allowed to discharge downstream without treatment provided that the water was free of visual impacts (i.e., suspended sediments). No turbid water was discharged during dewatering. Visually impacted water (including turbid water) and water that collected in the bypass area following initial dewatering was managed as construction water as discussed in Section 3.2.2.

During construction there were several significant rain events that caused overtopping of the upstream hydraulic barriers. Details on the overtopping event that occurred during excavation is discussed in further detail in Section 4.2. Due to flooding concerns in the facility associated with the significant rain events, the hydraulic barrier at the Fire Pond was lowered to allow for water flow from the facility stormwater system to the Fire Pond. Additionally, based on discussions between CHGE and Abscope, the decision was made to install a flow-through plug to help attenuate the water being discharged to the site from the Fire Pond, Black Creek, and runoff from the facility. The flow-through plug was inserted in the 30-inch stormwater pipe within the facility (Figure 2) to restrict water flowing through a 16-inch opening. The flow-through plug was routinely monitored by Arcadis during large storm events and was included in the weekly SWPPP inspection and removed following a storm event at the end of the project.

3.2.2 Construction Water

Abscope removed, treated, and discharged water that came into contact with impacted materials, which was collectively referred to as “construction water”. Construction water included water that collected in non-completed excavation areas (from groundwater seepage, seepage of perched water, precipitation, or surface water runoff), as well as water generated from sediment dewatering and equipment and personnel decontamination activities. Construction water was treated on-site via a TWTS (Section 3.2.3).

Sediment removal area dewatering was conducted using temporary sumps installed within the limits of removal. The sumps were constructed of clean washed stone, slotted plastic pipe wrapped in fabric, and placed based on field conditions. Smaller sumps were also placed in low lying areas as needed to pump water from outlying areas to the central sumps. Sediment removal areas were maintained in dewatered, although not “dry” condition during excavation, during removal documentation periods, and during backfill placement.

Water from sediment dewatering and decontamination activities was collected in the sediment handling pad and decontamination area, respectively. Sumps installed within constructed support areas (e.g., sediment handling pad) were constructed of slotted HDPE pipes. Water that collected within the removal area sumps, sediment handling pad sumps, secondary containment areas, and decontamination area were pumped to the on-site TWTS for treatment prior to discharge.

3.2.3 Temporary Water Treatment System

Construction water generated during remedial activities was pumped from the various sumps to the on-site TWTS. The TWTS was located west of the Abscope trailer (Figure 2). Abscope was responsible for the process selection, set-up and operation, including sampling of the TWTS and achieving the discharge criteria specified in the SPDES permit. The TWTS for treating construction water was constructed using rental equipment and consisted of two 18,000-gallon weir influent holding tanks, a clarifier tank, a triple bag filter skid, an organoclay filter, two granular activated carbon treatment vessels, and effluent frac tanks. Sampling of the TWTS was performed during initial batch treatment and weekly during continuous discharge as described in Section 3.4.3.1. Based on batch sampling performed, chemical treatment and ion exchange processes were added to the treatment system to improve suspended solid removal and address total dissolved solids (TDS), respectively. For the ion exchange process, two media vessels (one active and one standby) bedded with a specific ion exchange media (MBD-15) were integrated into the TWTS between the activated carbon vessel and final cartridge filter.

Following completion of TWTS operation, the TWTS was decontaminated and demobilized as discussed in Section 3.7.

3.2.4 Non-Impacted Water in Work Area

Following completion of excavation on September 6, 2018 and subsequent discussion with NYSDEC, NYSDEC agreed on September 24, 2018 to release additional water that accumulated within the completed excavation from active treatment (including use of the ion exchange resin). NYSDEC approved handling of additional water that accumulated within the completed excavation in accordance with stormwater best management practices under the General Permit on October 1, 2018. Per NYSDEC’s request, water from the completed excavation was discharged to a straw bale sediment trap area

(secondary bypass discharge area) and continued discharge sampling was performed for informational purposes. As approved by NYSDEC on October 1, 2018, the secondary bypass discharge area was constructed south of the topsoil staging area approximately 800 feet south of the excavation area (Figure 2) and was constructed using a double ring of straw bales. The secondary bypass discharge area sloped slightly to the south and west, allowing for discharged water to flow west to the larger wetland complex. Excavation water was discharged onto a geotextile mat to prevent scour and allow a laminar flow through the straw bales to assist with the removal of suspended solids. The flow was monitored at least daily during operation and discharge samples were collected weekly per NYSDEC's request for analysis of parameters in the SPDES discharge permit. Results of the discharge sampling are discussed in Section 3.4.3.3. Maintenance of the secondary bypass discharge area was performed as needed, including installing additional straw bales, extending the discharge area, and adjusting the discharge pipe location. Extra straw bales were maintained onsite to perform maintenance when needed.

Additional direct discharge of water that accumulated during backfill operations within deep removal cells was approved by NYSDEC on October 17, 2018. Direct discharge of ponded water was performed only when water was free of visual impacts (i.e., suspended sediments). Turbid waters were discharged to the secondary bypass discharge area.

3.2.5 Discharge Points

The direct discharge point for construction TWTS was the South Street Culvert, which also served as the intake for the main bypass system. The South Street Culvert hydraulic barrier was constructed of several supersack/sandbags and was lined with polyethylene to prevent the erosion of sediments in the surrounding areas. The discharge point, including the polyethylene liner, was checked at least daily and was included in the weekly SWPPP inspections.

The discharge point for the water collected at the South Street Culvert and the Northeast Route 299 Culvert were pumped directly into the Route 299 Discharge Culvert through a series of 8-inch metal pipes and lay-flat hose. Flow was discharged directly to the concrete culvert and allowed to flow underneath Route 299 to the downstream wetland. The bypass system and associated discharge point were routinely monitored and included in the weekly SWPPP inspections.

3.3 Impacted Material Removal

Impacted material removed from the site during the 2018 construction included sediment, debris, and miscellaneous impacted solid material (e.g., PPE, construction materials in contact with impacted sediment, spent TWTS media) and impacted construction water that was generated following the TWTS being taken offline. Table 4 shows the total quantities of each category of material removed from the site and the disposal locations. Impacted material was handled and disposed/treated off-site in accordance with all applicable federal, state, and local regulations.

Table 4. Off-Site Waste Disposal Facilities and Volumes Disposed

Location	Material Type	Quantity Disposed	Disposal Dates
Seneca Meadows	Impacted Solids	11,269.07 tons	06/28/2018 to 11/30/2018
Tradebe	Impacted Construction Water	12,500 gallons	10/25/2018 to 10/26/2018

Known impacted material was removed from the site as required by the RAWP. Additional details on the removal of the impacted materials are provided in the sections below and waste documentation is provided in Appendix F.

3.3.1 Sediment

Sediment containing Total PCBs or Total PAHs at concentrations above Class A sediment guidance values (Figure 3) were excavated from the areas shown on Drawing 3 (Appendix B). Removal limits from the RAWP were expanded to include an embayment identified in the field during construction (discussed in Section 4.1). The design removal depth in each removal cell and final removal elevations are shown on Drawing 3 (Appendix B).

3.3.1.1 Excavation

Excavation was performed between June 26, 2018 and September 05, 2018. Sediment excavation operations were conducted using conventional construction equipment (i.e., excavators) equipped with equipment positioning and visualization software. Excavation was performed in dewatered conditions to the extent practicable and Abscope dewatered the excavation area during sediment removal activities as discussed in Section 3.2. Excavated material was direct-loaded or temporarily staged within the limits of excavation on top of non-excavated areas prior to loading into off-road vehicles for transportation to the sediment staging area and subsequent handling and disposal. Sequencing of the excavation and equipment used was determined by Abscope and included in the SOP. Boulders and larger stones removed as part of the sediment excavation were staged in the sediment handling pad, decontaminated, and re-used as part of the restoration activities.

Survey of the excavation surface was collected throughout the excavation process and the survey results are shown on the record survey (Appendix C) and incorporated into Drawing 3 (Appendix B). An estimated 6,785 cubic yards were excavated during implementation of the remediation based on documentation provided by the surveyor (Appendix C). Excavation was completed to design depth at all locations, except for an area of excavation cell H, where two large boulders were encountered that could not be removed. Based on the level of effort to remove the boulders, which were located near the target removal depth at the edge of the removal cell, and that removal would create large holes beyond excavation limits, NYSDEC agreed to allow the boulders to remain in place. Soil was removed to the extent practicable around the boulders and the location of the boulders was documented in the record survey (Appendix B, Appendix C).

An abandoned beaver dam located in the channel at approximately transect 5+50 was removed as part of the excavation activities in the dewatered condition and in a manner that minimized mobilization of upstream sediments during removal of the dam.

Additional excavation was performed beyond the target design depths in the most downstream excavation area due to re-deposition of impacted material (as determined by sampling) that occurred following an overtopping and flooding event in July; details on the sampling and additional excavation are provided in Section 4.2. Excavation and material handling were performed in accordance with this section except removal was documented through visual observation as approved by NYSDEC.

3.3.1.2 On-Site Management/Solidification

Excavated materials were transported to the sediment handling pad for solidification to meet paint filter test requirements. Material was visually inspected by Abscope to confirm no free water was present before being transported off-site for disposal. Abscope was also responsible for solidifying saturated materials to meet disposal facility requirements. Material solidification included:

- Gravity dewatering within the excavation limits or at the sediment handling pad. Gravity dewatering included staging sediment within piles to promote drainage of water from the sediment surface and pore space. Water generated during gravity dewatering was collected in sumps and pumped to the TWTS.
- Blending wet excavated material with a solidification agent (cement kiln dust) at the sediment handling pad.
- Covering material stockpiles in the sediment handling pad to limit the addition of moisture from precipitation.

No concerns were received from the trucking companies or disposal facility about condition of the material (e.g., no free water observed).

3.3.1.3 Waste Characterization Sampling

Abscope collected samples to satisfy the disposal facility characterization and profile to comply with the disposal facility acceptance standards. Copies of the material acceptance from the disposal facilities are provided in Appendix F. Waste characterization samples were collected during the project from material stockpiles as required to meet the disposal facility sampling frequency and when new waste streams were identified (e.g., potentially impacted construction water). Characterization sample results collected during implementation of construction are summarized in Appendix F.

3.3.1.4 Off-Site Disposal

A total of 11,269.07 tons of impacted sediment, debris, and miscellaneous solids were disposed off-site at Seneca Meadows Landfill (Table 4) between June 28, 2018 and November 30, 2018. Dump trailers, dump truck boxes, and roll off waste containers (collectively referred to as “waste transport containers”) used to transport impacted materials for off-site disposal were lined with polyethylene sheeting (covering the inside of the entire container) prior to waste loading. In addition, each waste transport container used to transport impacted material was equipped with a watertight tailgate and solid tarp covers (constructed of vinyl or reinforced polyethylene and secured to resist wind forces at highway speeds).

Abscope used conventional construction equipment (e.g. excavator, loader) to load dewatered materials into the waste transport containers. Abscope used best efforts to prevent spillage of impacted materials onto the outsides of the waste transport containers, including use of polyethylene sheeting to cover the sides of the trailer. Abscope visually inspected the waste transportation vehicles and performed decontamination, as needed, prior to vehicles leaving the site to prevent off-site tracking of materials. Additionally, each truck was inspected to confirm a solid tarp fully extended over the entire load in the waste transport containers following loading and prior to departing the site.

Each load was transported to the designated disposal facility by a licensed hauler in accordance with local, state, and federal regulations. Each waste transporter listed in Table 2 had a valid waste transporter permit (6 NYCRR Part 364). All waste was transported under the appropriate manifests/bills of lading with CHGE listed as the waste generator. Arcadis maintained a transportation log of all loads transported off-site. Waste documentation for off-site disposal of impacted solids is provided in Appendix F.

3.3.2 Construction Water

Approximately 12,500 gallons of construction water was generated following the TWTS being taken offline, these waters included decontamination water and incidental water from the sediment handling pad. Construction water generated after removal of the TWTS was transported to Tradebe for treatment and disposal between October 25 and 26, 2018.

3.4 Remedial Performance Documentation

3.4.1 Survey

Sediment removal and backfill progress was monitored daily by Abscope using conventional survey techniques and equipment positioning and visualization software on excavation equipment. Survey was performed by Tri-Point on a routine basis to document completion of excavation and backfill to design requirements. Removal documentation was prepared by Tri-Point and included post-excavation surface topography, comparison of pre- and post-excavation surface elevations, and obstructions encountered. Backfill documentation prepared by Tri-Point included subgrade (general fill) and final surface topography and installed features. Documentation was routinely reviewed during construction by Arcadis to confirm compliance with the RAWP and/or NYSDEC-approved field changes.Survey work products, including volume calculations prepared by the surveyor, were stamped and signed by the New York state licensed surveyor and are provided in Appendix C. Survey information was also incorporated into the Record Drawings provided in Appendix B.

3.4.2 Imported Fill Material Testing

Imported backfill material was supplied from virgin sources by Callanan Industries, Inc (New York State Department of Transportation [NYSDOT] Source Number 8-15RS) and McCarey Landscaping Inc. The type and quantity of each material imported to the site is summarized in Table 5.

Table 5. Summary of Imported Fill Material

Source	Material Type	Use	Quantity Imported See Note
Callanan Industries, Inc.	No. 2 Stone	Support Area Construction	Approximately 990 tons
Callanan Industries, Inc.	No. 4 Stone	Support Area Construction	Approximately 350 tons
McCarey Landscaping Inc.	General Fill	Backfill / Restoration	965 cubic yards (in-situ)
McCarey Landscaping Inc.	Topsoil	Backfill / Restoration	6,123 cubic yards (in-situ)
Callanan Industries, Inc.	Channel Fill	Backfill / Restoration	644 cubic yards (in-situ)
Callanan Industries, Inc.	Outfall Riprap	Backfill / Restoration	12 cubic yards (in-situ)

Note: Quantities for material used in support area construction are based on received imported truck tickets and are reported in tons. Quantities for material used in backfill and restoration are based on the surveyor provided quantities developed from construction topographic surveys (Appendix C).

Prior to importing stone material (i.e., material with less than 10 percent by weight passing the number 80 sieve) to the site, Abscope provided sieve analysis to Arcadis for review. No analytical testing was required based on DER-10. Sieve results are provided in Appendix H.

Prior to importing soil material to the site, Abscope provided sieve analysis and analytical results for soil material to Arcadis for review. Laboratory analysis included PCBs, herbicides/pesticides, Target Compound List volatile organic compounds, Target Compound List semi-volatile organic compounds, Target Analyte List metals, and total organic content. Topsoil was also tested for pH. Per NYSDEC's request, a "Request to Import/Reuse Fill or Soil" form was submitted for each material proposed for import to the site and included copies of the available analytical and sieve results. NYSDEC approved the use of four material/sources for use in restoration of the site on July 24, 2018; information for each of the materials approved by NYSDEC is provided in Appendix H. Only soil material approved by NYSDEC was imported to the site and used for backfilling as discussed in Section 3.5.

3.4.3 Water Discharge Sampling

This section describes the water sampling performed onsite including, sampling of the TWTS, sampling of background water, and sampling of the secondary discharge location. Water samples were submitted to New York State Environmental Laboratory Approval Program-certified laboratories for analysis. Laboratories used for water sampling during construction included York Analytical Laboratories, Inc. in Richmond Hill, New York (certificate number 12058) and Adirondack Environmental Services, Inc. in Albany, New York (certificate number 10709). Data related to water sampling during construction are provided in Appendix I and discussed further below.

3.4.3.1 Temporary Water Treatment System Discharge Sampling

Prior to the initial discharge of treated water, two batches of 20,000 gallons each were treated in accordance with the RAWP. Results of the initial batch samples collected on June 29, 2018 showed TDS concentrations above the SPDES discharge permit limits. To address the elevated TDS, an ion exchange process was added to the TWTS and background sampling (Section 3.4.3.2) was performed. Chemical addition (coagulant and flocculant) was also added to the system upon approval from NYSDEC (Section

2.2.4.3) to reduce the total suspended solid, which were detected in the batch samples less than but within an order of magnitude of the SPDES discharge limits.

Following completion of the updates to the TWTS, the batches of water were re-treated and subsequent sampling showed effluent concentrations meeting the SPDES discharge limits. Discharge from the TWTS began continuous operation on July 19, 2018 and continued through late September 2018 when the TWTS was taken offline. During the continuous discharge, weekly SPDES sampling of the effluent was performed. Results from the weekly SPDES sampling were discussed with NYSDEC during weekly progress meetings and also submitted in monthly Discharge Monitoring Reports. Discharge Monitoring Reports (Appendix I) were submitted electronically and hard copy to NYSDEC's Central Office and Region 3 Engineer.

No exceedances of site-related constituents (PCBs or PAHs) discharge limits were observed during weekly SPDES sampling. Elevated TDS concentrations were detected during 7 of the 10 weekly SPDES sampling events. Following receipt of the first weekly SPDES sampling event results showing elevated TDS, the frequency of the ion exchange resin changeout was increased to weekly and additional background and influent TDS sampling (Section 3.4.3.2) was performed.

3.4.3.2 Influent and Background Sampling

Based on elevated TDS concentrations in treated effluent water, sampling for TDS of the TWTS influent tank and various background sources was performed during construction. Background samples were collected from various locations including:

- Surface water from an undisturbed portion of the channel within the work area prior to start of removal at or upgradient of the sampling point.
- Surface water from the Fire Pond on the facility property, which is upgradient of the site.
- Surface water collected from the wetland upgradient of the work limits near the secondary channel that connects the Northeast Route 299 culvert to the work area channel.
- Surface water collected from undisturbed wetlands upgradient of a completed excavation area in the western portion of the main excavation.
- Groundwater collected from springs within the completed excavation areas.

Results of the influent and background sampling were discussed with NYSDEC during weekly progress meetings. The results were also included in a summary with historical results provided to NYSDEC on September 13, 2018 (copy provided in Appendix I). The highest TDS concentrations documented were associated with upgradient surface water run-on and groundwater infiltration through the native clays present within the overall wetland complex. Based on the available data, the high TDS issue was believed to be historical in nature and not connected to the construction activities. Efforts were taken to limit the amount of run-on entering the excavation and frequent changing of the ion exchange resin was performed.

3.4.3.3 Secondary Discharge Sampling

Weekly sampling of the water from the backfill area discharged to the secondary bypass discharge area (Figure 2) was performed per NYSDEC's condition for suspending treatment of water that accumulated in the completed excavation area (Section 3.2.4). Results of the sampling were provided to NYSDEC on a weekly basis. Sampling indicated TDS concentrations above the SPDES discharge permit limit for treated water in 7 of 10 samples and suspended solids concentrations above the SPDES discharge permit limit for treated water in all samples. Note that samples were collected from within the straw bale sediment trap area where the excavation water was being discharged prior to the water filtering through the heavy ground vegetation and straw bales at the discharge area. Visual monitoring was performed to confirm no scouring at the discharge was occurring and additional straw bales were added as necessary. No exceedance of the treated water discharge SPDES permit for site-related constituents (PCBs and PAHs) were observed.

3.5 Backfill

Following completion of excavation, sediment removal areas were backfilled with clean fill to restore drainage patterns to pre-remediation conditions, to the extent practicable. Backfilling activities were performed only after excavation activities were completed to minimize cross contamination. Following general grading to restore pre-remediation conditions in shallow emergent wetlands micro-depressions were constructed to promote habitat complexity as discussed in Section 3.6.1. Final restored grades and shown on Drawing 4 (Appendix B) and based on post-backfill survey documented by Tri-Point (Appendix C). Table 5 (above) provides the estimated quantities of each material placed during backfilling and restoration activities.

3.5.1 Subgrade

General fill was placed to provide subgrade for overlaying fill materials in accordance with the RAWP and/or NYSDEC-approved field changes. Excavation areas were backfilled, as necessary, with general fill to restore the subsurface no higher than 12 inches below final grade in wetlands and approximately 9 inches in channel areas. As required by NYSDEC, fill placed at depths greater than 2 feet below grade had a minimum organic content of 2 percent and fill placed within 2 feet of final grade had a minimum organic content of 5 percent. When layering of these materials was performed, a detailed survey of the interface was not performed as agreed to by NYSDEC on September 19, 2018 (Appendix A). Instead, as a quality control measure, Abscope spot checked that the 2 percent general fill was placed at least 2 feet below grade using the equipment positioning system software or their survey rover

To achieve a greater than 5 percent organic content general fill, McCarey Landscaping performed blending of the 2 percent general fill and topsoil at their facility using a ratio of 5 parts general fill to 1 part topsoil to achieve a minimum 5 percent organic content (based on mathematical calculations). Blending of the material was observed by Arcadis (Appendix H) to document blending methods and visually inspect mixing effectiveness. Deliveries of blended material were also visually inspected to confirm materials were well mixed. When blended material was not available due to vendor availability and access to the source due to weather, topsoil was used in place of the 5 percent general fill.

Following placement of subgrade material and prior to placement of surface materials, the subgrade surface was surveyed by Tri-Point.

3.5.2 Channel Backfill

Following the subgrade survey, the channel connecting the facility outfall (South Street Culvert) and downstream culvert (Route 299 Discharge Culvert) was restored as shown on the Drawing 4 (Appendix B). The channel was restored as close as practicable to pre-construction elevations based on the pre-construction survey performed by Tri-Point, except in the section immediately upgradient of the Route 299 Discharge Culvert, which was extended by NYSDOT as part of the rail trail project (discussed in Section 4.4).

In the channel area immediately downstream of the facility outfall (Station 0+00 to approximately 0+25), an energy dissipation pad was constructed to a similar elevation as the South Street Culvert invert using boulders and small riprap material. The boulders were previously removed from the excavation area as part of the sediment excavation and were decontaminated prior to reuse. The dissipation pad was constructed to minimize erosion of the restored material at the discharge point of the facility outfall. In the channel area between the restored dissipation pad and the pre-construction beaver dam location (approximately Station 5+50), approximately 6 to 12 inches of channel fill was installed to restore a channel bed up to the South Street culvert invert elevation. In the section from the facility outfall (Station 0+00) to the former beaver dam area (Station 5+50), topsoil was placed over the stone to restore the pre-construction sediment elevation above the culvert invert elevations as shown in Drawing 4 (Appendix B). The downstream section of this ponded sediment (approximately Station 5+50) was restored as shown in Detail 5 of Drawing 9 (Appendix B) and included installation of coir logs and biodegradable erosion control matting to help minimize potential erosion of the placed topsoil.

In the channel reach between the pre-construction beaver dam location (approximately Station 5+50) and approximately Station 8+25, the channel was restored using 6 to 9 inches of channel fill to pre-construction sediment elevation. In the section of channel from Station 8+25 to the extended Route 299 Discharge Culvert (Section 4.4), minor modifications of channel alignment where required to connect to the new culvert extension installed by NYSDOT; efforts were made to restore a similar channel topography as pre-construction conditions.

Following placement of the fill within the channel, the restored channel was surveyed by Tri-Point (Appendix C) and final restoration grades are shown on Drawing 4 (Appendix B).

3.5.3 Topsoil

A minimum of 12 inches of topsoil was placed in wetland and bank areas above ordinary high water to support vegetation and these areas were restored to the final grades shown in Drawing 4 (Appendix B). Areas that received topsoil were seeded and planted as discussed in Section 3.6.

For areas excavated to depths of 1.5 feet or less, only topsoil was installed to restore the final grades. In areas where backfill consisted of topsoil only, herbicide application was performed by Applied Ecological Services based on NYSDEC recommendation to address phragmites (where present) that had started growing due to the duration between excavation and backfill. To take advantage of dewatered conditions

and to support the long-term effectiveness of the restoration program, herbicide application was also performed along the perimeter of the excavation area as discussed in Section 4.6.

3.6 Restoration

Following the completion of topsoil placement, Applied Ecological Services performed seeding and planting of wetland areas as shown in Drawing 4 (Appendix B) and discussed below. Once remediation activities within the wetlands were completed, Abscope removed the access roads, sediment handling pad, and other support areas constructed during site preparation activities. These areas were restored to match pre-remediation conditions through tree, shrub, and herbaceous plug planting, as well as seeding. Wetland areas utilized for access were dressed with topsoil prior to seeding. Temporary erosion and sedimentation controls will be maintained until suitable vegetative cover is established.

3.6.1 Shallow Emergent Wetlands

Shallow emergent wetlands within the work area are shown on Drawing 4 (Appendix B). Areas of disturbed shallow emergent wetland were seeded with a commercially available native, shallow emergent wetland seed mix containing species such as sedges, rushes and wetland wildflowers mixed with winter rye (for cover crop). The cover crop was included to provide initial cover and account for slower germination of native species. Mulch was placed over the seeded areas to provide additional erosion control until such time the seed germinates.

Micro-topographic depressions were restored within the shallow emergent wetlands surface to promote habitat complexity in accordance with the intent of the RMP. Based on field conditions observed, the number and size of micro-depressions shown in the RAWP were modified as discussed in Section 4.5; the final micro-depression locations are shown on Drawing 4 (Appendix B). Seeding and planting of the micro-depression mounds was performed in 2018 under dewatered conditions. Consistent with NYSDEC input, the depressions associated with the micro-depressions were planted in June and July 2019 with broadleaf cat-tail and bur-reed 2-inch plugs.

3.6.2 Deep Emergent Wetlands

Deep emergent wetlands within work area are shown on Drawing 4 (Appendix B). Based on the available plug planting window, only areas where topsoil installation was completed prior to mid-October were planted with cat-tail and bur-reed plugs. Plugs installed in 2018 were planted under dewatered conditions at approximately 1.5 foot on-center spacing. Deep emergent wetland areas that were not planted with plugs were seeded with a winter rye crop and mulched to provide temporary erosion control until final plug planting can be performed in spring 2019 (Section 3.8). Plugs to be installed in 2019 are anticipated to be planted under wet conditions and can be installed in water depths up to 1 foot.

3.6.3 Scrub-Shrub Wetland

Scrub-shrub wetlands within the work area are shown on Drawing 4 (Appendix B). Areas of disturbed scrub-shrub wetland were seeded and planted in accordance with the RMP. Scrub-shrub wetland seeding, and planting was performed under dewatered conditions. Seeding of the scrub-shrub wetland included seeding with a commercially available native, palustrine scrub shrub/forested wetland seed mix

that included a diversity of native graminoids and select forbs mixed with winter rye (for cover crop). The cover crop was included to provide initial cover and account for slower germination of native species. Mulch was placed over the seeded areas to provide additional erosion control until such time the seed germinates. Native shrubs, consisting of 1- and 3-gallon containerized plants, were planted randomly within the scrub-shrub wetland area. As part of the spring 2019 efforts (Section 3.8), shrubs that do not survive the winter were replaced as indicated on Drawing 4 (Appendix B).

As identified during the December 4, 2018 site walk with NYSDEC, one section of the restored scrub-shrub wetland located immediately downstream of the former beaver dam had channel stone extending approximately 2 to 3 feet outside the bank inflection point. This material had been placed based on the approximate channel limits shown in the RAWP. To address this issue, the stone material was removed to the extent practicable using hand methods and topsoil was used to choke the stone. Seed and mulch were installed in this area. As part of the spring 2019 efforts, this area was monitored and additional seeding was performed to supplement existing growth.

3.6.4 Forested Wetlands

Forested wetlands within the work area are shown on Drawing 4 (Appendix B). Areas of disturbed forested wetland were seeded and planted with shrubs and trees in accordance with RMP under dewatered conditions. Seeding of the forested wetland included seeding with the same seed mix used in the scrub-shrub wetlands (i.e., a commercially available native seed mix combined with winter rye). Planting of the forested wetland included planting of various native wetland trees and shrubs. Native trees were planted randomly within the available forested wetland areas and included installation of hard plastic tree collars to help protect the trees from herbivory. Due to ponding near the channel, trees were grouped within higher elevation areas away from the channel to reflect pre-construction conditions. Native shrubs were planted in clumps to transition from the emergent wetland into the forested wetland as well as to establish an understory in the forested wetland. As part of the spring 2019 efforts (Section 3.8), trees and shrubs that do not survive the winter were replaced as indicated on Drawing 4 (Appendix B). A final count of installed trees and shrubs will be included as part of the FER submitted after the spring 2019 work.

3.6.5 Upland

Upland areas used for staging support were restored as shown on Drawing 4 (Appendix B). Stone used in the “clean” support areas and below non-permeable liner in material handling areas, was graded within the pre-construction gravel road/laydown area limits as directed by CHGE. Additionally, boulders that were removed from the excavation area and decontaminated were placed as shown on Drawing 4 (Appendix B) to control access to the back portion of the former construction staging area. Vegetated upland areas were graded and restored with a commercially available native grassland seed mix. Seeded areas were heavily mulched to provide erosion control during the winter shutdown.

3.7 Demobilization

Following release of water from treatment, the TWTS was decontaminated as summarized in the December 18, 2018 Elting’s Water Treatment System Closure Notification Update (Section 2.2.4.3; Appendix A) and returned to the appropriate rental vendors. Water generated during final

decontamination of equipment and the TWTS was containerized and disposed offsite by Tradebe as discussed in Section 3.3.2. The spent media from treatment vessels was removed from the vessels and transported off-site to Seneca Meadows Landfill with remaining impacted sediment as discussed in Section 3.3.1.4.

Following the completion of the 2018 restoration activities, Abscope performed the following demobilization activities:

- Removing the bypass pumping system and hydraulic barriers from downstream to upstream (i.e., from Route 299 Discharge Culvert, Route 299 Northeast Culvert, South Street Culvert, Fire Pond) in a manner that minimized disturbance to restored areas.
- Dismantling the support areas including sediment staging area, access roads, decontamination areas, and TWTS.
- Transporting residual wastes to licensed disposal facilities.
- Restoring areas disturbed to accommodate support areas (including access roads) to pre-remediation conditions.
- Removing all equipment, trailers, materials, and personnel from the site.

As part of the demobilization activities, a substantial completion inspection walk of the wetland areas was performed on November 27, 2018 with Abscope, CHGE, and Arcadis. An additional site walk was held on December 4, 2018 with NYSDEC. During the site walk, plastic pellets were observed in a couple of isolated areas of the channel that appear to have originated from the Dura-Base composite construction mats used in the mat road. Specifically, the beads appeared to be unmelted HDPE resin pellets that were captured in the honeycombs of the mat during manufacturing and information on the mats were provided to NYSDEC. Based on discussion with NYSDEC, the presence of the beads will be noted and beads will be recovered during future restoration monitoring events. Remaining restoration items identified during the site walks were included on a final punch list and were completed by Abscope on December 12, 2018.

3.8 2019 Restoration

Based on plug planting windows, not all plugs were able to be installed during the 2018 construction season. Final restoration efforts were implemented in June and July 2019 and included the following:

- Installed the remaining herbaceous plugs for the deep emergent planting areas and micro-depressions.
- Implement additional seeding, scarification, and mulching as necessary based on field observations.
- Replaced trees and shrubs, as needed, based on observed survival over winter.
- Installed herbivory controls including installation of tree collars and herbivory exclusion fencing.

The 2019 field work was performed under limited mobilization and no support areas or facilities were installed for the work. Photographs taken during the 2019 field work are provided in Appendix G.

Following the establishment of suitable vegetative cover in 2019, the non-biodegradable temporary erosion and sedimentation control measures (e.g., silt fence) will be removed and disposed off-site. Completion notifications will be submitted to USACE, NYSDEC, and Town of Lloyd to close out the applicable permits following final stabilization.

Note that the above activities are associated with the construction implementation only. Additional monitoring and maintenance required by the RMP (e.g., invasive species control, restoration monitoring) will be performed separately from the construction efforts. Herbivory controls will be removed once plants are of sufficient size to withstand grazing; documentation will be included in the appropriate monitoring and maintenance report required by the RMP.

4 DEVIATIONS FROM THE RAWP

Remedial action construction activities were generally performed in accordance with the approved RAWP as described in Section 3. Major deviations from the RAWP due to field conditions encountered during construction were communicated with NYSDEC and are discussed in further detail below.

4.1 Embayment Area

During tree clearing efforts, a small embayment was identified from approximately station 4+00 to 4+50 that extended outside the excavation area but was generally within the limits of disturbance identified in the permitting. A large red maple tree was located at the furthest edge of the embayment and was protected to the extent possible during work in the embayment described below.

Based on review of the data, it was determined that the embayment was not previously sampled due to the location of the embayment relative to the sampling transects performed in this area. As directed by CHGE, additional sampling was performed consistent with the pre-design investigation sampling described in the RAWP. Arcadis collected initial embayment samples on June 12, 2018 and submitted the samples to SGS Accutest in Dayton, New Jersey under standard chain of custody procedures for PCB analysis by United States Environmental Protection Agency Method 8082. Results from the initial sampling indicated PCB concentrations slightly above the Class A criteria. Additional samples were collected on June 26, 2018 at step-out sample locations identified in the field by CHGE, Arcadis, and NYSDEC and submitted to SGS Accutest for PCB analysis. Four of the five step-out sample locations met the Class A sediment guidance value and the fifth location was slightly above the Class A value. The locations of the embayment area samples are shown on Figure 3 and the analytical results are summarized in Appendix J.

Based on discussion during the July 3, 2018 progress meeting, the excavation limits from the RAWP were extended to Class A sediments around the embayment consistent with the approach used to determine the excavation limits in the RAWP. Based on excavation to Class A sediment locations, no additional sampling was required by NYSDEC. A summary of the embayment sampling results (Figure 3 and Appendix J) and revised sediment removal limits were provided to NYSDEC on July 13, 2018. NYSDEC reviewed the provided information without comment on July 24, 2018.

Excavation of the embayment area was performed as part of the sediment excavation in adjacent areas consistent with the methods described in Section 3. The final excavation limits extended to clean samples and are documented in Drawing 3 (Appendix B).

4.2 Post-Inundation Sampling and Additional Excavation

On July 25, 2018, a large storm event (1-inch of rainfall over a short duration), overwhelmed the bypass system causing stormwater to enter the upstream work area and breach the berm constructed to separate the completed excavation area (cells S, T, U, V, W, and X) from the upstream work areas. On July 26, 2018, NYSDEC noted concerns of re-impacting completed excavation through deposition if stormwater runoff from the upstream work areas (where excavation was not completed) suspended potentially impacted material.

To address NYSDEC concerns, a sampling plan (Appendix K) was prepared in consideration of the RAWP, site field conditions (e.g., preferential depositional areas), previous site sampling protocols, professional experience and DER-10 guidance for confirmation sampling and submitted to NYSDEC on August 9, 2018. The sampling plan included sample collection from surficial material (top 1 to 2 inches) within channel and wetland portions of the inundated area with more frequent samples collected in naturally lower lying areas where deposition was more likely to occur. The proposed sampling approach was approved by NYSDEC on August 9, 2018 (Appendix K).

Sampling of the inundated area was performed on August 16 and August 17, 2018 consistent with the approved sampling approach. Surface samples (1 to 2 inches deep) were collected from 13 locations (locations biased to observed deposits) and submitted to SGS Accutest for PCB analysis. Concentrations above the Class A sediment guidance value were reported at four of the five channel samples and one wetland sample. Results were shared with NYSDEC on August 28, 2018 (Appendix K) along with an approach to address the observed impacted material.

Although a removal of 1 to 2 inches of surface material was originally proposed, CHGE proposed a more conservative approach in the August 28, 2018 communication to NYSDEC. In the revised approach, 6 inches of material within the identified limits would be removed to ensure that depositional material was fully removed. This approach was proposed to allow for removal of deposits and create a surface of native material to allow for restoration to proceed without delay. NYSDEC approved this approach on August 29, 2018 (Appendix K) with slight modification to the extent of removal based on the understanding that no confirmatory sampling would be performed after the 6-inch removal.

The re-excavation to address impacts within the inundated area (including additional area identified by NYSDEC) was performed between September 4 and 6, 2018. Re-excavation was performed using similar methods discussed in Section 3.3.1, except as follows:

- Excavated material was transported between the re-excavation area and material staging area using a tracked dump truck.
- Consistent with the August 9, 2018 memo, completion of the removal was documented through visual inspections and not survey.

The approximate limits of the re-excavation are shown on Drawing 3 (Appendix B) and photographs from the re-excavation efforts are provided in Appendix K.

4.3 Northeast Route 299 Culvert

During a large storm event on June 26, 2018, an additional culvert along Route 299 was discovered near the corner of Route 299 and South Street (Figure 2) discharging water into the site. NYSDEC was notified of the new culvert and after verbal approval was received from NYSDEC on June 29, 2018, a hydraulic dam and pump were installed at the culvert to collect water before it entered the work area. Temporary power service was installed near the culvert to provide power to the bypass pump. The bypass pump was operated based on pre-set floats and the water collected at the Northeast Route 299 Culvert was discharged through lay flat hose to the Route 299 Discharge Culvert. The Northeast Route 299 Culvert was routinely inspected throughout construction to confirm that the system was operational in the event of significant rain events.

During construction, the hydraulic dam and bypass pump at the Northeast Route 299 Culvert was temporarily removed to allow for NYSDOT to perform culvert installation activities associated with the rail trail project (Section 4.4). NYSDOT's contractor removed the hydraulic barrier supersacks prior to performing the work and re-installed the barrier at the completion of their work.

Following completion of the 2018 construction activities, the hydraulic dam, bypass pump, and electrical service were removed and the area disturbed by the remedial construction project was restored similar to pre-construction conditions.

4.4 NYSDOT Rail Trail

During remediation activities, CHGE was notified by NYSDOT that the next phase of the Hudson Valley Rail Trail extension was scheduled to be performed in 2018 and would extend the rail trail adjacent to Route 299 near the site. The work would also include extending both the Route 299 Discharge Culvert and the Northeast Route 299 Culvert to accommodate the rail trail pathway.

On August 2, 2018 a meeting was held onsite between NYSDOT, A. Colarusso & Son, Inc. (ACS; NYSDOT's contractor), NYSDEC, CHGE, Arcadis, and Abscope to understand how the projects would impact each other (footprint and schedules). The main consideration was the extension of the culverts along Route 299 that would require coordination to remove the hydraulic barriers at the culverts and relocate the water management discharge point. Additionally, NYSDEC, Arcadis, and CHGE noted concerns that the Route 299 Discharge Culvert extension would need to be maintained at the same invert elevation to maintain water flow through the site. To support the installation of the Route 299 Discharge Culvert extension, NYSDOT agreed to place backfill within the completed excavation to support the new culvert. During subsequent discussions, NYSDEC agreed that the area within the NYSDOT grading limits would not be held to the same restoration and monitoring requirements as the rest of the remediation area.

ACS began the culvert extension work on October 5, 2018 with the delivery of new culvert sections and placement of backfill within the excavation limits upstream of the Route 299 Discharge Culvert. Based on the topography of the area, Abscope modified the water management discharge from the Route 299 Discharge Culvert to direct water through an 8-inch lay flat hose to a discharge point 200 yards west of the work area. The point was selected based on the heavy vegetation to act as erosion control and general slope that would gradually drain the discharge water into the downstream wetland. Water was discharged to this location between October 7, 2018 and October 10, 2018. When ACS completed the culvert extension, Abscope reconstructed the hydraulic barrier and switched the bypass lines back to discharging through the Route 299 Discharge Culvert.

Once ACS completed the culvert extension at the Route 299 Discharge Culvert, they began the Northeast Route 299 Culvert extension. Based on the duration of work, weather conditions, and anticipated low flow from the culvert, the hydraulic barrier and pump were removed without replacement during the extension work, which avoided the need to run lay flat hose or discharge the water to another area. ACS completed the culvert replacement on October 9, 2018 and Abscope reconstructed the hydraulic barrier and returned the bypass pump to service on October 10, 2018.

Modifications to the restoration grading as part of the remediation project were required to account for the culvert extension and fill installed by NYSDOT. To provide a smooth transition to the fill placed by ACS

and maintain drainage pathways, grading of topsoil within the excavation limits was field adjusted by Abscope based on conditions at the time of placement. The resulting final grade was up to 1.5 feet higher than the original grade (Appendix C). In addition to the grading changes, the channel centerline required minor adjustment in the field from the pre-construction location to allow for drainage to the culvert extension. NYSDEC was notified of these changes from the original RAWP on November 20, 2018.

4.5 Micro-Depressions

The RMP stated that up to 15 micro-depressions would be constructed throughout the restored shallow emergent wetlands to promote significant aquatic habitat suitable for a suite of amphibian and other wildlife species. It was anticipated that these micro-depressions would cover approximately 10 percent of the restored emergent wetland area. Additionally, the RMP indicated the morphology of berms around the micro-depressions would be smooth, uniform with a “flat” top and seeded. However, based on observed spacing constraints in the field and discussions between Arcadis and Applied Ecological Services ecologists, the following changes were recommended:

- Reduce the total number of micro-depressions from 15 to 12 micro-depressions of various sizes throughout the restoration area. This number included utilizing some naturally low-lying areas that functioned similarly to a micro-depression.
- Reduce the size of the micro-depressions from a range of 20 to 40 feet long to 10 to 20 feet long.
- Plant trees on top of some of the berms associated with micro-depressions within the shallow emergent community to provide additional habitat structure to the restoration site and mimic the scattered, isolated trees in the pre-construction emergent wetland.

The proposed changes were anticipated to reduce the area of micro-depressions to less than the 10 percent targeted by the RMP but made the most ecological sense based upon observed field conditions (e.g., surface water observed in wetland areas throughout the site) and overall objectives of the ecological restoration project. NYSDEC was notified of the proposed changes by email on November 20, 2018. No issues were raised by NYSDEC and the micro-depression installation proceeded as outlined in the email. Following site restoration, a post-construction survey was performed by Tri-Point to document final site conditions and locations of installed micro-depressions. Results of the survey are provided in Appendix C and were incorporated in to the Record Drawings (Appendix B).

4.6 Herbicide Application

Invasive species control in the form of herbicide application was not anticipated to be completed as part of the construction phase of the project and was not included in the RAWP. However, growth of phragmites was observed during construction within the shallow removal areas prior to backfill. Based on discussion with NYSDEC, it was determined that herbicide should be used to control this new growth prior to backfill placement. On September 12, 2018, details of the proposed herbicide application including proposed treatment areas, were submitted to NYSDEC (Appendix A). A permit for herbicide application was not required based on communication with NYSDEC dated October 10, 2017 because herbicide application was performed wholly within terrestrial areas (i.e., no standing or surface water present).

Herbicide application was performed on September 17, 2018 by a licensed herbicide applicator. A 1.5% liquid solution of Accord XRT II was applied via backpack type sprayer to observed invasive species in the following locations (Figure 4):

- Excavation cells S, T, U, V, and W (heavy application) to address new growth phragmites
- Portions of excavation cells B, C, D, E, H, I, K, N, and P (normal application) to address new growth phragmites
- Access path between excavation cell P and S (heavy application) to address existing phragmites and purple loosestrife
- Work area perimeter (heavy application) to address existing phragmites and purple loosestrife

Future herbicide application will be performed as part of the monitoring and maintenance in accordance with the Invasive Species Adaptive Management Plan (Arcadis 2018).

5 REFERENCES

Arcadis 2018a. Remedial Action Work Plan. Central Hudson Gas & Electric Elting's Corners Facility, South Street, Town of Lloyd, Ulster County, New York. December 2017. Revised April 2018.

Arcadis 2018b. Invasive Species Adaptive Management Plan. Central Hudson Gas & Electric Elting's Corners Facility, South Street, Town of Lloyd, Ulster County, New York. October (Draft).

Kleinfelder. 2014. Focused Corrective Measures Study Report, Central Hudson Gas & Electric Corporation, Eltings Corners Facility, Town of Lloyd, Ulster County, New York. July 29, 2014, Revised November 4, 2014 and December 5, 2014.

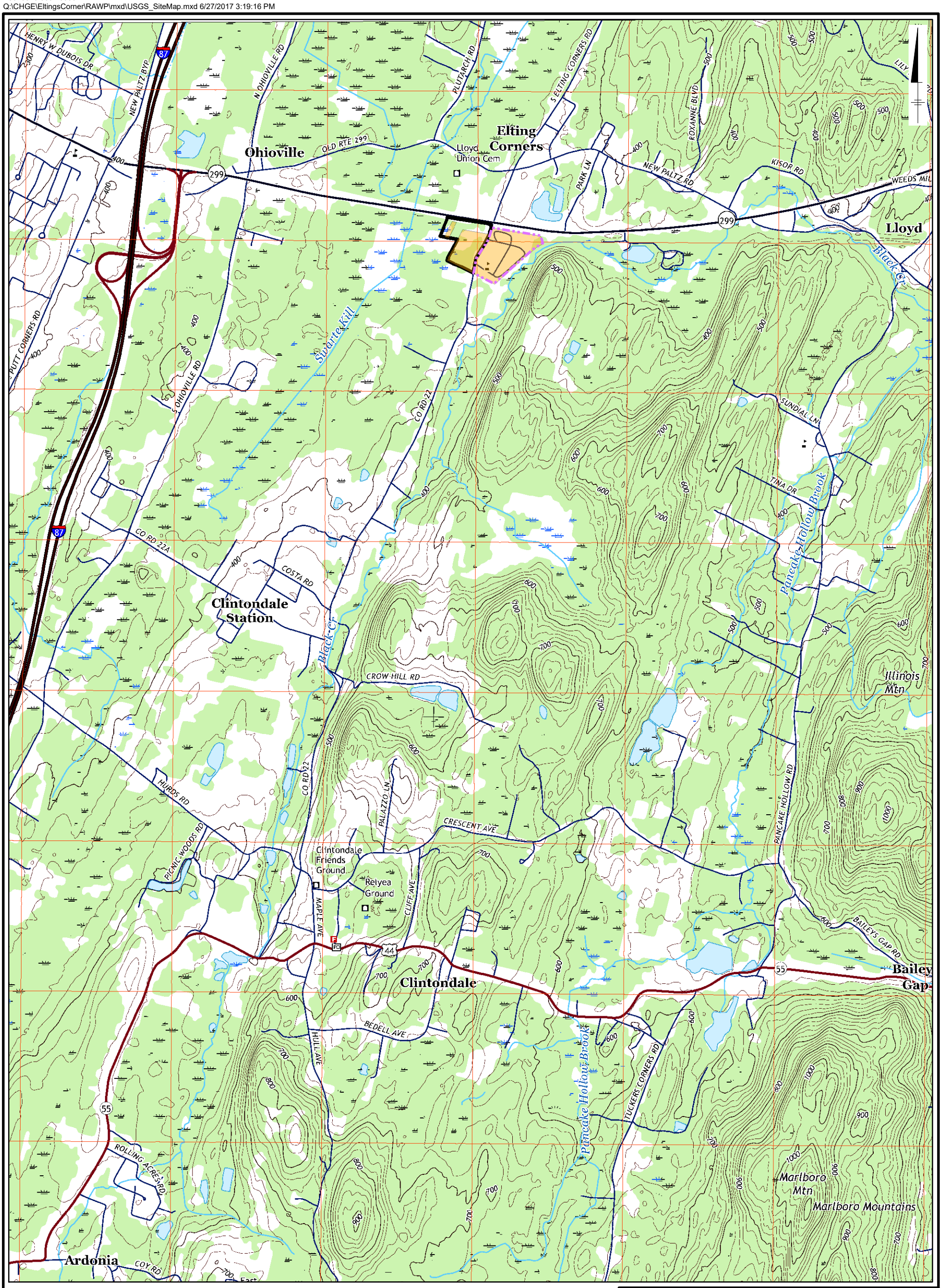
NYSDEC. 2010. DER-10: Technical Guidance for Site Investigation and Remediation. Issuance Date: May 3, 2010.

NYSDEC. 2014. Screening and Assessment of Contaminated Sediment. Issuance Date: June 24, 2014.

NYSDEC. 2016. New York State Standards and Specifications for Erosion and Sediment Control. November.

FIGURES

City: SYR Div/Group: IMDV Created By: K.IVES Last Saved By: kives
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LEGEND
- SITE BOUNDARY
- CHGE ELTING'S CORNER FACILTY
- CHGE OWNED PROPERTY

0 2,000 4,000 Feet
GRAPHIC SCALE

NOTE:
1. 2016 USGS 7.5 MINUTE TOPOGRAPHIC MAP DOWNLOADED FROM NATIONALMAP.COV

C.H.G.E CORP.
ELTINGS CORNERS PROPERTY
SOUTH STREET, TOWN OF LLOYD, ULSTER COUNTY, NEW YORK

SITE LOCATION MAP

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FIGURE 1



NOTES:

1. LAYOUT SHOWN IS APPROXIMATE. MODIFICATIONS TO LAYOUT WERE MADE AS NEEDED BASED ON FIELD CONDITIONS AND CONTRACTOR MEANS AND METHODS.
2. EROSION AND SEDIMENTATION CONTROLS WERE INSTALLED PRIOR TO INTRUSIVE ACTIVITIES. EROSION AND SEDIMENTATION CONTROLS WERE INSTALLED AROUND PERIMETER OF IMPORT MATERIAL STOCKPILES TO PREVENT MIGRATION OF MATERIAL FROM THE WORK AREA. EROSION AND SEDIMENTATION CONTROLS WERE MAINTAINED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS
3. TREES SHOWN ARE THOSE PRESENT PRIOR TO START OF CONSTRUCTION. TREES REMOVAL AND SITE CLEARING WERE LIMITED TO THE EXTENT PRACTICAL. ALL TREES WITHIN THE EXCAVATION LIMITS WERE REMOVED. TREES PROTECTED FROM CONTACT WITH IMPACTED SEDIMENTS WERE REUSED ONSITE DURING RESTORATION ACTIVITIES TO EXTENT POSSIBLE.
4. AERIAL IMAGE PROVIDED BY NMB LAND SURVEYING BASED ON DRONE IMAGERY COLLECTED ON JUNE 13, 2018. FEATURES SHOWN ARE APPROXIMATE AND CURRENT AS OF THE DATE OF THE IMAGERY.

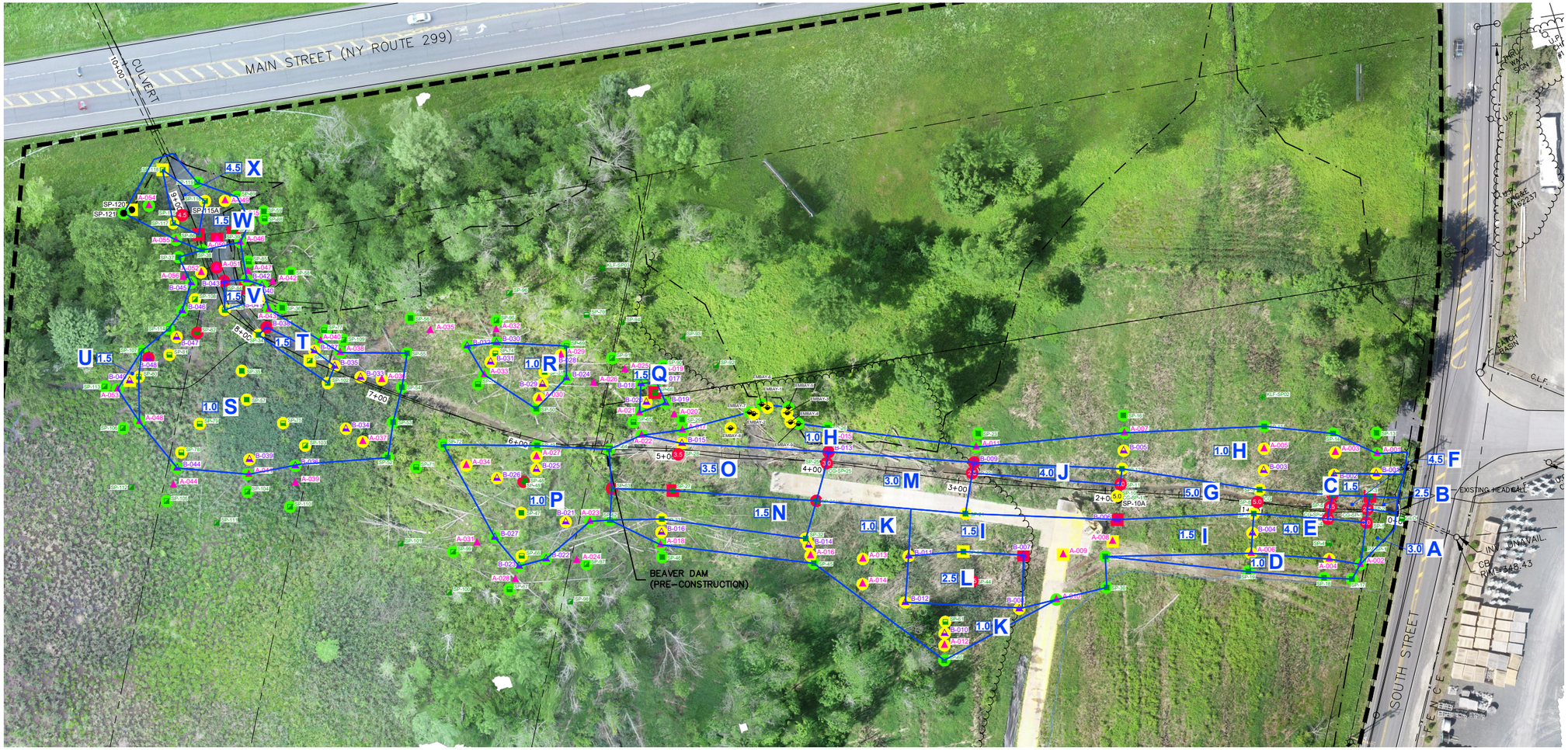
C.H.G.E CORP.
ELTINGS CORNERS PROPERTY
SOUTH STREET, TOWN OF LLOYD,
ULSTER COUNTY, NEW YORK

SITE MAP

ARCADIS Design & Consultancy for natural and built assets

FIGURE 2

CITY:SYRACUSE-NY DIV/GROUP:ENVCAD DB: LD: PIC: PM:A.KOHLER TM: LYR:(OptION='OFF'*REF* C:\BIM\OneDrive - ARCADIS\BIM 360 Docs\Central Hudson Gas & Electric\CHGE ELTINS CORNERS REMEDIATION\2019\B0020540.0001\01-DWG\Fig 2 - Site Map.dwg LAYOUT: 2 SAVED: 3/26/2019 8:44 AM ACADVER: 23.0S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/26/2019 5:24 PM BY: HARRIS, JESS
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20540X00 20540X01.jpg
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20540X02 20540X01.jpg
20540X03



LEGEND:

- IMPACTED MATERIAL REMOVAL AREA
- D — REMOVAL CELL ID
- 4.0 — IMPACTED MATERIAL REMOVAL DEPTH (MINIMUM)
- PROPERTY BOUNDARY (APPROXIMATE)
- DELINEATED WETLAND BOUNDARY
- SURVEYED TREE (PRE-CONSTRUCTION)
- SITE BOUNDARY (APPROXIMATE)
- PREVIOUS WETLAND SAMPLING
- WETLAND SAMPLING
- FEBRUARY 2017 SAMPLING
- APRIL 2017 SAMPLING
- REFINEMENT SAMPLE A
- REFINEMENT SAMPLE B
- ADDITIONAL DELINEATION SAMPLE
- EMBAYMENT SAMPLING (JUNE 2018)

SAMPLE RESULT SUMMARY LEGEND

- SAMPLE MEETS CLASS A SEDIMENT GUIDANCE VALUES (SGVs)
- SAMPLE EXCEEDS CLASS C (RED) OR CLASS B (YELLOW) SGVs AT 0 TO 0.5 FEET
- SAMPLE EXCEEDS CLASS C (RED) OR CLASS B (YELLOW) SGVs AT 1 TO 1.5 FEET
- SAMPLE EXCEEDS CLASS C (RED) OR CLASS B (YELLOW) SGVs AT DEPTHS UP TO THE DEPTH INDICATED (e.g., DEPTH OF 2.5 INDICATES SAMPLE COLLECTED AT 2.0 TO 2.5 FEET EXCEEDED CLASS A SGVs) — 3.5 / 2.5

NOTES:

1. LIMITS SHOWN HEREIN ARE THE EXTENT OF KNOWN IMPACTS. EXCAVATION LIMITS TO BE SHOWN ON CONSTRUCTION DRAWINGS AND MAY INCLUDE ADDITIONAL AREAS OF REMOVAL AS NECESSARY FOR RESTORATION OBJECTIVES.
2. WETLAND BOUNDARY AND TREE SURVEY TAKEN FROM FIGURE 4 OF THE WETLAND RESTORATION PLAN (KLEINFELDER 2016).
3. AERIAL IMAGE PROVIDED BY NMB LAND SURVEYING BASED ON DRONE IMAGERY COLLECTED ON JUNE 13, 2018. FEATURES SHOWN ARE APPROXIMATE AND CURRENT AS OF THE DATE OF THE IMAGERY.

0 40' 80'
GRAPHIC SCALE

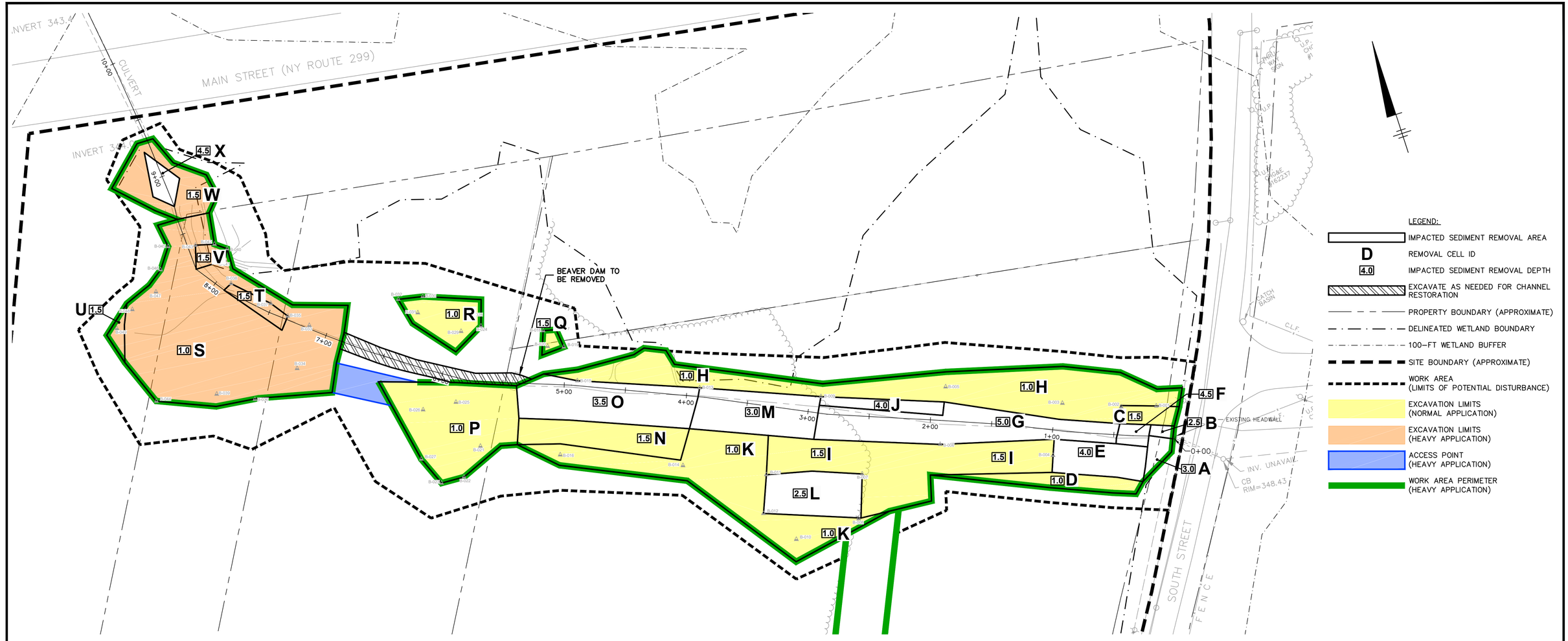
C.H.G.E CORP.
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ULSTER COUNTY, NEW YORK

SITE INVESTIGATION RESULTS AND IMPACTED MATERIAL REMOVAL LIMITS

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FIGURE 3

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CONCEPT-X-JUNE 13 PROGRESS FLIGHT.tif
CONCEPT-X-AERIAL.jpg
CONCEPT-X-EXCAV-AREAS
CONCEPT-X-CENTERLINE



NOTES:

1. HERBICIDE APPLICATION WAS PERFORMED ON SEPTEMBER 17, 2018 BY A LICENSED HERBICIDE APPLICATOR IN ACCORDANCE WITH THE DETAILS PROVIDED TO NYSDEC BY EMAIL ON SEPTEMBER 12, 2018.
2. HEAVY APPLICATION INDICATES TREATMENT OF DENSE STANDS OF INVASIVE SPECIES. NORMAL APPLICATION INDICATES TREATMENT OF ISOLATED STANDS OF PHRAGMITES.

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ULSTER COUNTY, NEW YORK

HERBICIDE TREATMENT AREAS

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FIGURE
4

CITY:SYRACUSE-NY DIVGROUP:ENVCAD DB: LD: PIC: PM:A.KOHLER TM: LYR:(Opt)ON=*;OFF=*REF*
C:\Users\jharris\OneDrive - ARCADIS\BIM 360 Docs\Central Hudson Gas & Electric\CHGE ELTINS CORNERS REMEDIATION\2019\B0020540.0001\01-DWG\Fig 4 - Herbicide Treatment Areas.dwg LAYOUT: 4 SAVED: 1/18/2019 7:53 AM ACADVER: 21.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE:
PLTCONT.CTB PLOTTED: 1/20/2019 4:45 PM BY: HARRIS, JESS
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APPENDIX A

Permits

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK, NEW YORK 10278-0090

DEC 0 5 2017

Regulatory Branch

SUBJECT: Permit Application Number NAN-2017-01389-WOR
by Central Hudson Gas and Electric Corporation

Douglas Partridge
Arcadis of New York, Inc.
27-01 Queens Plaza North, Suite 800
Long Island City, New York 11101

Dear Mr. Partridge:

On September 25, 2017, the New York District of the U.S. Army Corps of Engineers received a request for authorization for the discharge of fill material into waters of the United States in association with the excavation of contaminated soil from within an unnamed tributary to the Swarte Kill and associated wetlands. The project site is located at the intersection of New York State Route 299 and South Street in the Town of Lloyd, Ulster County, New York.

The submittal entitled "CHGE Elting's Corners Facility Lloyd, New York Remedial Action Work Plan Wetland Backfill and Restoration Plan – Figure 5", prepared by Arcadis of New York, Inc., dated August, 2017, and last revised October, 2017, indicates that the total impacts to waters of the United States would involve the excavation of approximately 7,500 cubic yards of polychlorinated biphenyls (PCB) and polycyclic aromatic hydrocarbons (PAH) contaminated soil, from a 3.3-acre wetland area and approximately 1,000 linear feet of stream. The dredged sediments would be disposed of at a New York State Department of Environmental Conservation (NYSDEC) approved upland site. Following remediation, the impacted wetlands and streams would be restored to pre-construction contours, and replanted.

Based on the information submitted to this office, and accomplishment of notification in accordance with the applicable federal requirements, our review of the project indicates that an individual permit is not required. It appears that the activities within the jurisdiction of this office could be accomplished under Department of the Army Nationwide General Permit Number 38. The nationwide permits are prescribed as a Reissuance of Nationwide Permits in the Federal Register dated January 6, 2017 (82 FR 1860). The work may be performed without further authorization from this office provided the activity complies with the permit conditions listed in Section B, No. 38, Section C, any applicable New York District regional conditions, the following special condition, and any applicable regional conditions added by the State of New York, copies enclosed.

DEC 0 5 2017

Special Condition

(A) In order to protect the Federally-listed endangered Indiana bat (*Myotis sodalis*) and the Federally-listed threatened northern long-eared bat (*Myotis septentrionalis*), the clearing of potential roosting trees shall occur only between November 1 and March 31.

This determination covers only the work described in the submitted material. Any major changes in the project may require additional authorizations from the New York District.

Care should be taken so that construction materials, including debris, do not enter any waterway to become drift or pollution hazards. You are to contact the appropriate state and local government officials to ensure that the subject work is performed in compliance with their requirements.

Please note that this nationwide permit (NWP) verification is based on a preliminary jurisdictional determination (JD). A preliminary JD is not appealable. If you wish, prior to commencement of the authorized work you may request an approved JD, which may be appealed, by contacting the New York District, U.S. Army Corps of Engineers for further instruction. To assist you in this decision and address any questions you may have on the differences between preliminary and approved jurisdictional determinations, please review U.S. Army Corps of Engineers Regulatory Guidance Letter No. 16-01, which can be found at: http://www.usace.army.mil/Portals/2/docs/civilworks/RGLS/rgl_6-01_app1-2.pdf

This verification is valid until March 18, 2022, unless the nationwide permit is modified, reissued, or revoked. This verification will remain valid until March 18, 2022, if the activity complies with the terms of any subsequent modifications of the nationwide permit authorization. If the nationwide permits are suspended, revoked, or modified in such a way that the activity would no longer comply with the terms and conditions of a nationwide permit, and the proposed activity has commenced, or is under contract to commence, the permittee shall have 12 months from the date of such action to complete the activity.

This authorization is conditional on the applicant's receipt of the required water quality certificate or waiver from the New York State Department of Environmental Conservation (NYSDEC). No work may be accomplished until the required approval from NYSDEC has been obtained.

Within 30 days of the completion of the activity authorized by this permit and any mitigation required by this permit, you are to sign and submit the attached compliance certification form to this office.

In order for us to better serve you, please complete our Customer Service Survey located at http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx.

DEC 0 5 2017

If any questions should arise concerning this matter, please contact Brian A. Orzel, of my staff, at (917) 790-8413.

Sincerely,

Rosita Miranda
Chief, Western Section

Enclosures

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD:

B. NAME AND ADDRESS OF PERSON REQUESTING PJD: Douglas Partridge, Arcadis, 2701 Queens Plz N, Suite 800, LIC, NY 11101

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: NY District, Central Hudson Gas and Electric Corp, NAN-2017-01389-WOF

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION:
(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)

State: New York County/parish/borough: Ulster City: Lloyd

Center coordinates of site (lat/long in degree decimal format):

Lat.: 41.7370 Long.: -74.0379

Universal Transverse Mercator:

Name of nearest waterbody: Unnamed Tributary to Swarte Kill

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: October 27, 2017

☐ Field Determination. Date(s):

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
Wetland 1	41.7372	-74.0379	3.3 acres	Wetland	404
Stream 1	41.7372	-74.0385	1000 linear feet	non-wetland waters	404

1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.

2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there *"may be"* waters of the U.S. and/or that there *"may be"* navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for PJD (check all that apply)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- [x] Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:
  Map: _____.
- [x] Data sheets prepared/submitted by or on behalf of the PJD requestor.
  - [x] Office concurs with data sheets/delineation report.
  - [ ] Office does not concur with data sheets/delineation report. Rationale: _____
- [ ] Data sheets prepared by the Corps: _____.
- [ ] Corps navigable waters' study: _____.
- [ ] U.S. Geological Survey Hydrologic Atlas: _____.
  - [ ] USGS NHD data.
  - [ ] USGS 8 and 12 digit HUC maps.
- [x] U.S. Geological Survey map(s). Cite scale & quad name: Clintondale, NY.
- [x] Natural Resources Conservation Service Soil Survey. Citation: Ulster County, NY.
- [x] National wetlands inventory map(s). Cite name: Clintondale, NY.
- [x] State/local wetland inventory map(s): Clintondale, NY.
- [ ] FEMA/FIRM maps: _____.
- [ ] 100-year Floodplain Elevation is: _____.(National Geodetic Vertical Datum of 1929)
- [x] Photographs: [x] Aerial (Name & Date): _____.
  or [x] Other (Name & Date): _____.
- [ ] Previous determination(s). File no. and date of response letter: _____.
- [ ] Other information (please specify): _____.

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

12/5/17
Signature and date of
Regulatory staff member
completing PJD

Signature and date of
person requesting PJD
(REQUIRED, unless obtaining
the signature is impracticable)[1]

[1] Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT
JACOB K. JAVITS FEDERAL BUILDING
26 FEDERAL PLAZA
NEW YORK NY 10278-0090

CENAN-OP-RW

NATIONWIDE PERMIT COMPLIANCE CERTIFICATION AND REPORT FORM

Permittee: Central Hudson Gas and Electric Corporation

Permit No.: NAN-2017-01389

Date Permit Issued: DEC 0 5 2017

Location: Town of Lloyd, Ulster County, New York

Within 30 days of the **COMPLETION** of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the address at the bottom of this form.

Please note that your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with this permit you are subject to permit suspension, modification or revocation.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of said permit, and required mitigation was completed in accordance with the permit conditions.

_____ _____
Signature of Permittee Date

Fold this form into thirds, with the bottom third facing outward. Tape it together and mail to the address below **or FAX to (212) 264-4260.**

Place Stamp
Here

Department of the Army
New York District Corps of Engineers
Jacob K. Javits Federal Building
26 Federal Plaza, Room 1937
ATTN: CENAN-OP-RW
New York, New York 10278-0090

PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
CENTRAL HUDSON GAS & ELECTRIC CORPORATION
284 SOUTH AVE
POUGHKEEPSIE, NY 12601-4838
(845) 452-2000

Facility:
ELTING'S CORNERS MAINTENANCE FACILITY
24 SOUTH ST
CLINTONDALE, NY 12515

Facility Location: in LLOYD in ULSTER COUNTY **Village:** Lloyd
Facility Principal Reference Point: NYTM-E: 580.1 NYTM-N: 4620.9
Latitude: 41°44'09.2" Longitude: 74°02'12.5"

Project Location: 24 South Street
Authorized Activity: Disturb approximately 3.3 acres of federal wetlands in conjunction with removal of up to 7,500 cubic yards of contaminated sediments to be disposed of at an approved upland location in strict accordance with the plans referenced in Natural Resources Permit Condition No. 1 and as conditioned in this permit. A portion of the work area includes NYS Freshwater Wetland CD-6 (Class I) and its 100 foot Adjacent Area; disturbance to the Freshwater Wetland and Adjacent Area is being done in accordance with a Remedial Action Work Plan (Arcadis, 2017). The project includes the restoration of 3.3 acres of federal wetland and 0.7 acres of the Adjacent Area of NYS Freshwater Wetland CD-6 as mitigation.

Permit Authorizations

Water Quality Certification - Under Section 401 - Clean Water Act
Permit ID 3-5132-00032/00007
New Permit Effective Date: 12/7/2017 Expiration Date: 12/31/2021

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: SCOTT BALLARD, Deputy Regional Permit Administrator
Address: NYSDEC Region 3 Headquarters
21 S Putt Corners Rd
New Paltz, NY 12561

Authorized Signature: _____ Date 12/6/17

VAL

Distribution List

Douglas Partridge, Arcadis
Chris DeRoberts, Central Hudson Gas & Electric
Town of Lloyd Planning Board
Jennifer Dawson, NYSDEC
Joshua Fisher, NYSDEC

Permit Components

NATURAL RESOURCE PERMIT CONDITIONS

WATER QUALITY CERTIFICATION SPECIFIC CONDITION

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Permit Attachments

Permit Sign

NATURAL RESOURCE PERMIT CONDITIONS - Apply to the Following Permits: WATER QUALITY CERTIFICATION

1. **Conformance With Plans** All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or applicant's agent as part of the permit application. Such approved plans were prepared by Arcadis, titled "CHGE Elting's Corners Facility," dated August 2017, consisting of Figures 2 through 13.

2. **Post Permit Sign** The permit sign enclosed with this permit shall be posted in a conspicuous location on the worksite and adequately protected from the weather.

3. **Notice of Intent to Commence Work** The permittee must notify Joshua Fisher, NYSDEC Bureau of Habitat, via electronic mail (joshua.fisher@dec.ny.gov) at least 48 hours in advance of the time of commencement.

4. **Install Erosion Controls Prior to Work** No site preparation work shall be undertaken until all required erosion control measures have been installed.

5. **Erosion Control Installation** Prior to commencement of the activities authorized herein, the permittee must install securely anchored silt fencing and/or continuous staked hay bales along the limits-of-disturbance or as shown on the plans or drawings referenced in this permit. These erosion control devices must be maintained until all disturbed land is fully vegetated to prevent any silt or sediment from entering the Freshwater Wetland or its Adjacent Area. Subsequently, silt fencing, hay bales and any accumulated silt or sediment must be completely removed for disposal at an appropriate upland site.

6. **Dewatering** Water removed during dewatering (prior to excavation) must be pumped to a vegetated or covered surface downstream of the work area. A filter bag or other means must be used at the outlet to ensure that sediments are not pumped to downstream areas.

7. **Treated Construction Water** Treated construction water must also be pumped to a vegetated or covered surface downstream of the work area and must not be pumped directly back into the stream.

8. **Filter Bags** Filter bags or other filtering apparatus must be checked daily (at a minimum) to ensure functionality.

9. **No Turbidity from Dewatering** No turbid water resulting from dewatering operations mustbe discharged directly to or allowed to enter the watercourse. Such water must be pumped to settling basins or to an upland vegetated area prior to any discharge to the watercourse. All other necessary measures must be implemented to prevent any visible increase in turbidity or sedimentation downstream of the work site

10. **Disposal of Dredged Materials** All dredged materials must be disposal of at a NYSDEC approved upland site.

11. **Precautions Against Contamination of Waters** All necessary precautions shall be taken to preclude contamination of any wetland or waterway by suspended solids, sediments, fuels, solvents, lubricants, epoxy coatings, paints, concrete, leachate or any other environmentally deleterious materials associated with the project.

12. **State May Order Removal or Alteration of Work** If future operations by the State of New York require an alteration in the position of the structure or work herein authorized, or if, in the opinion of the Department of Environmental Conservation it shall cause unreasonable obstruction to the free navigation of said waters or flood flows or endanger the health, safety or welfare of the people of the State, or cause loss or destruction of the natural resources of the State, the owner may be ordered by the Department to remove or alter the structural work, obstructions, or hazards caused thereby without expense to the State, and if, upon the expiration or revocation of this permit, the structure, fill, excavation, or other modification of the watercourse hereby authorized shall not be completed, the owners, shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may require, remove all or any portion of the uncompleted structure or fill and restore to its former condition the navigable and flood capacity of the watercourse. No claim shall be made against the State of New York on account of any such removal or alteration.

13. **State May Require Site Restoration** If upon the expiration or revocation of this permit, the project hereby authorized has not been completed, the applicant shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may lawfully require, remove all or any portion of the uncompleted structure or fill and restore the site to its former condition. No claim shall be made against the State of New York on account of any such removal or alteration.

14. **State Not Liable for Damage** The State of New York shall in no case be liable for any damage or injury to the structure or work herein authorized which may be caused by or result from future operations undertaken by the State for the conservation or improvement of navigation, or for other purposes, and no claim or right to compensation shall accrue from any such damage.

WATER QUALITY CERTIFICATION SPECIFIC CONDITIONS

1. **Water Quality Certification** The authorized project, as conditioned pursuant to the Certificate, complies with Section 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act, as amended and as implemented by the limitations, standards, and criteria of state statutory and regulatory requirements set forth in 6 NYCRR Section 608.9(a). The authorized project, as conditioned, will also comply with applicable New York State water quality standards, including but not limited to effluent limitations, best usages and thermal discharge criteria, as applicable, as set forth in 6 NYCRR Parts 701, 702, 703, and 704.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. **Facility Inspection by The Department** The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. **Relationship of this Permit to Other Department Orders and Determinations** Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. **Applications For Permit Renewals, Modifications or Transfers** The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC Region 3 Headquarters
21 S Putt Corners Rd
New Paltz, NY12561

4. **Submission of Renewal Application** The permittee must submit a renewal application at least 30 days before permit expiration for the following permit authorizations: Water Quality Certification.

5. **Permit Modifications, Suspensions and Revocations by the Department** The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

a. materially false or inaccurate statements in the permit application or supporting papers;

b. failure by the permittee to comply with any terms or conditions of the permit;

c. exceeding the scope of the project as described in the permit application;

d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;

e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. **Permit Transfer** Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification
The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit
The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits
The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights
This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

Item E: SEQR Unlisted Action, No Lead Agency, No Significant Impact Under the State Environmental Quality Review Act (SEQR), the project associated with this permit is classified as an Unlisted Action and the Department of Environmental Conservation has determined that it will not have a significant effect on the environment. Other involved agencies may reach an independent determination of environmental significance for this project.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 3
21 South Putt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3054 I F: (845) 255-4659
www.dec.ny.gov

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

IMPORTANT NOTICE TO ALL PERMITTEES

The permit you requested is enclosed. Please read it carefully and note the conditions that are included in it. The permit is valid for only that activity expressly authorized therein; work beyond the scope of the permit may be considered a violation of law and be subject to appropriate enforcement action. Granting of this permit does not relieve the permittee of the responsibility of obtaining any other permission, consent or approval from any other federal, state, or local government which may be required.

Please note the expiration date of the permit. Applications for permit renewal should be made well in advance of the expiration date (minimum of 30 days) and submitted to the Regional Permit Administrator at the above address. For SPDES, Solid Waste and Hazardous Waste Permits, renewals must be made at least 180 days prior to the expiration date.

The DEC permit number & program ID number noted on page 1 under "Permit Authorization" of the permit are important and should be retained for your records. These numbers should be referenced on all correspondence related to the permit, and on any future applications for permits associated with this facility/project area.

If a permit notice sign is enclosed, you must post it at the work site with appropriate weather protection, as well as a copy of the permit per General Condition 1.

If the permit is associated with a project that will entail construction of new water pollution control facilities or modifications to existing facilities, plan approval for the system design will be required from the appropriate Department's regional Division of Water or delegated local Health Department, as specified in the State Pollutant Discharge Elimination System (SPDES) permit.

If you have any questions on the extent of work authorized or your obligations under the permit, please contact the staff person indicated below or the Division of Environmental Permits at the above address.

Victoria Lawrence

Victoria Lawrence, Environmental Analyst
Division of Environmental Permits, Region 3
Telephone (845) 633-5454

- ☐ Applicable only if checked. Please note all work authorized under this permit is prohibited during trout spawning season commencing October 1 and ending April 30.
- ☐ Applicable only if checked for STORMWATER SPDES INFORMATION: We have determined that your project requires coverage under the General Stormwater SPDES Permit. You must file a Notice of Intent to obtain coverage under the General Permit. This form can be downloaded at: http://www.dec.ny.gov/chemical/43133.html
- ☐ Applicable only if checked - MS4 Areas: This site is within an MS4 area (Municipal Separate Storm Sewer System), therefore the SWPPP must be reviewed and accepted by the municipality. The MS-4 Acceptance Form must be submitted in addition to the Notice of Intent.

Send the completed form(s) to: NYS DEC, Stormwater Permitting, Division of Water, 625 Broadway, Albany, New York 12233-3505; in addition, DEC requests that you provide one electronic copy of the approved SWPPP directly to NYS DEC, 100 Hillside Avenue - Suite 1W, White Plains, NY 10603-2860.

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

New York State
Department of Environmental Conservation

NOTICE

The Department of Environmental Conservation (DEC) has issued permit(s) pursuant to the Environmental Conservation Law for work being conducted at this site. For further information regarding the nature and extent of work approved and any Department conditions on it, contact the DEC at 845/256-3054. Please refer to the permit number shown when contacting the DEC.

Permittee: Central Hudson Gas & Electric Permit No. 3-5132-00032/00007

Effective Date: 12/7/2017 Expiration date: 12/31/2021

☐ Applicable if checked. No instream work allowed between October 1 & April 30

NOTE: This notice is **NOT** a permit.

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

State Pollutant Discharge Elimination System (SPDES) DISCHARGE PERMIT

Industrial Code:	**1629**	SPDES Number:	**NY0281123**
Discharge Class (CL):	**01**	DEC Number:	**3-5132-00032/00009**
Toxic Class (TX):	**T**	Effective Date (EDP):	**7/1/2018**
Major Drainage Basin:	**13**	Expiration Date (ExDP):	**6/30/2023**
Sub Drainage Basin:	**06**	Modification Dates: (EDPM)	
Water Index Number:	**H-139-13-2**		
Compact Area:			

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. §1251 et.seq.)(hereinafter referred to as "the Act").

PERMITTEE NAME AND ADDRESS					
Name:	Central Hudson Gas & Electric Corporation	Attention:	Chris DeRoberts, Environmental Coordinator		
Street:	284 South Avenue				
City:	Poughkeepsie	State:	NY	Zip Code:	12601

is authorized to discharge from the facility described below:

FACILITY NAME AND ADDRESS													
Name:	Elting's Corners Wetland Remediation												
Location (C,T,V):	Lloyd (T)								County:	Ulster			
Facility Address:	24 South Street												
City:	Lloyd			State:			NY		Zip Code:	12528			
From Outfall No.:	001	at Latitude:	41	°	44	′	18	″	& Longitude:	74	°	02	′	24	″
into receiving waters known as:	Swarte Kill								Class:	B			

and (list other Outfalls, Receiving Waters & Water Classifications)

in accordance with: effluent limitations; monitoring and reporting requirements; other provisions and conditions set forth in this permit; and 6 NYCRR Part 750-1and 750-2.

DISCHARGE MONITORING REPORT (DMR) MAILING ADDRESS					
Mailing Name:	Central Hudson Gas & Electric Corporation				
Street:	284 South Avenue				
City:	Poughkeepsie	State:	NY	Zip Code:	12601
Responsible Official or Agent:	Chris DeRoberts		Phone:	(845) 486-5734	

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed, or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal not less than 180 days prior to the expiration date shown above.

DISTRIBUTION:

Chris DeRoberts, Central Hudson
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VAL

PERMIT LIMITS, LEVELS AND MONITORING DEFINITIONS

OUTFALL	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
	This cell describes the type of wastewater authorized for discharge. Examples include process or sanitary wastewater, storm water, non-contact cooling water.	This cell lists classified waters of the state to which the listed outfall discharges.	The date this page starts in effect. (e.g. EDP or EDPM)	The date this page is no longer in effect. (e.g. ExDP)

PARAMETER	MINIMUM	MAXIMUM	UNITS	SAMPLE FREQ.	SAMPLE TYPE
e.g. pH, TRC, Temperature, D.O.	The minimum level that must be maintained at all instants in time.	The maximum level that may not be exceeded at any instant in time.	SU, °F, mg/l, etc.	See below	See below

PARAMETER	EFFLUENT LIMIT or CALCULATED LEVEL	COMPLIANCE LEVEL / MINIMUM LEVEL (ML)	ACTION LEVEL	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE
	Limit types are defined below in Note 1. The effluent limit is developed based on the more stringent of technology-based limits, required under the Clean Water Act, or New York State water quality standards. The limit has been derived based on existing assumptions and rules. These assumptions include receiving water hardness, pH and temperature; rates of this and other discharges to the receiving stream; etc. If assumptions or rules change the limit may, after due process and modification of this permit, change.	For the purposes of compliance assessment, the permittee shall use the approved EPA analytical method with the lowest possible detection limit as promulgated under 40CFR Part 136 for the determination of the concentrations of parameters present in the sample unless otherwise specified. If a sample result is below the detection limit of the most sensitive method, compliance with the permit limit for that parameter was achieved. Monitoring results that are lower than this level must be reported, but shall not be used to determine compliance with the calculated limit. This Minimum Level (ML) can be neither lowered nor raised without a modification of this permit.	Action Levels are monitoring requirements, as defined below in Note 2, which trigger additional monitoring and permit review when exceeded.	This can include units of flow, pH, mass, temperature, or concentration. Examples include µg/l, lbs/d, etc.	Examples include Daily, 3/week, weekly, 2/month, monthly, quarterly, 2/yr and yearly. All monitoring periods (quarterly, semiannual, annual, etc.) are based upon the calendar year unless otherwise specified in this Permit.	Examples include grab, 24 hour composite and 3 grab samples collected over a 6 hour period.

Notes:

1. EFFLUENT LIMIT TYPES:
   a. DAILY DISCHARGE: The discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for the purposes of sampling. For pollutants expressed in units of mass, the 'daily discharge' is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the 'daily discharge' is calculated as the average measurement of the pollutant over the day.
   b. DAILY MAX: The highest allowable daily discharge.
   c. DAILY MIN: The lowest allowable daily discharge.
   d. MONTHLY AVG: The highest allowable average of daily discharges over a calendar month, calculated as the sum of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
   e. 7 DAY ARITHMETIC MEAN (7 day average): The highest allowable average of daily discharges over a calendar week.
   f. 30 DAY GEOMETRIC MEAN: The highest allowable geometric mean of daily discharges over a calendar month, calculated as the antilog of: the sum of the log of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
   g. 7 DAY GEOMETRIC MEAN: The highest allowable geometric mean of daily discharges over a calendar week.
   h. 12 MONTH ROLLING AVERAGE: The current monthly value of a parameter, plus the sum of the monthly values over the previous 11 months for that parameter, divided by 12.
   i. RANGE: The minimum and maximum instantaneous measurements for the reporting period must remain between the two values shown.

2. ACTION LEVELS: Routine Action Level monitoring results, if not provided for on the Discharge Monitoring Report (DMR) form, shall be appended to the DMR for the period during which the sampling was conducted. If the additional monitoring requirement is triggered as noted below, the permittee shall undertake a short-term, high-intensity monitoring program for the parameter(s). Samples identical to those required for routine monitoring purposes shall be taken on each of at least three consecutive operating and discharging days and analyzed. Results shall be expressed in terms of both concentration and mass, and shall be submitted no later than the end of the third month following the month when the additional monitoring requirement was triggered. Results may be appended to the DMR or transmitted under separate cover to the same address. If levels higher than the Action Levels are confirmed, the permit may be reopened by the Department for consideration of revised Action Levels or effluent limits. The permittee is not authorized to discharge any of the listed parameters at levels which may cause or contribute to a violation of water quality standards.

PERMIT LIMITS, LEVELS AND MONITORING

OUTFALL	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
001	Remediation System Discharge, Stormwater	Swarte Kill	7/1/2018	6/30/2023

PARAMETER	MINIMUM	MAXIMUM	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE	FOOTNOTES (FN)
pH	6.5	8.5	SU	1/Day	Grab	

PARAMETER	EFFLUENT LIMIT or CALCULATED LEVEL		COMPLIANCE LEVEL/ ML	ACTION LEVEL	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE	FN
	Monthly Avg	Daily Max						
Flow	Monitor	Monitor			MGD	Recorder	Continuous	3
BOD_5	Monitor	Monitor			mg/L	1/Week	6-hr. Comp.	1
Total Suspended Solids	Monitor	20			mg/L	1/Week	6-hr. Comp.	1
Total Dissolved Solids	Monitor	500			mg/L	1/Week	Grab	1
Ammonia, N	Monitor	1.2 (S) 1.8 (W)			mg/L	1/Week	6-hr. Comp.	1,2
TKN, N	Monitor	Monitor			mg/L	1/Week	6-hr. Comp.	1
Oil and Grease	Monitor	15			mg/L	1/Week	Grab	1
Acenaphthene	Monitor	5.3			µg/L	1/Week	Grab	1
Acenaphthylene	Monitor	10			µg/L	1/Week	Grab	1
Anthracene	Monitor	3.8			µg/L	1/Week	Grab	1
Benzo(a)anthracene	Monitor	2.0	50		ng/L	1/Week	Grab	1
Benzo(a)pyrene	Monitor	1.2	90		ng/L	1/Week	Grab	1
Benzo(g,h,i)perylene	Monitor	10			µg/L	1/Week	Grab	1
Benzo(k)fluoranthene	Monitor	2.0	70		ng/L	1/Week	Grab	1
Chrysene	Monitor	2.0	600		ng/L	1/Week	Grab	1
Dibenzo(a,h)anthracene	Monitor	10			µg/L	1/Week	Grab	1
Fluoranthene	Monitor	10			µg/L	1/Week	Grab	1
Fluorene	Monitor	540	800		ng/L	1/Week	Grab	1
Indeno(1,2,3-cd)pyrene	Monitor	2.0	200		ng/L	1/Week	Grab	1
Naphthalene	Monitor	10			µg/L	1/Week	Grab	1
Phenanthrene	Monitor	5.0			µg/L	1/Week	Grab	1
Pyrene	Monitor	1.0			µg/L	1/Week	Grab	1
PCB-1254	Monitor	0.0010	200		ng/L	1/Week	Grab	1
PCB-1260	Monitor	0.0010	200		ng/L	1/Week	Grab	1

FOOTNOTES

1. **Report Mass And Concentration**

   The permittee must report both the concentration (in mg/l, µg/l or ng/l) and mass loading (in lbs/day) on the Discharge Monitoring Reports for all parameters except flow, pH, temperature, settleable solids and fecal coliform. Conventional and Non-Conventional parameters shall be reported in mg/l and lbs/day. Pesticides and PCBs shall be reported in ng/l and grams/day. All other parameters shall be reported in µg/l and lbs/day.

2. Summer period (S) lasts from May 1 to October 31. Winter period (W) lasts from November 1 to April 30.

3. **Flow Monitoring**

   Continuous recorder - a flow measurement system that continuously measures and displays the instantaneous flow rate and records the cumulative discharge volume versus time on paper or electronically.

SPECIAL CONDITIONS – INDUSTRY BEST MANAGEMENT PRACTICES

1. **General** - The permittee shall develop, maintain, and implement a Best Management Practices (BMP) plan to prevent releases of significant amounts of pollutants to the waters of the State through plant site runoff; spillage and leaks; sludge or waste disposal; and stormwater discharges including, but not limited to, drainage from raw material storage. The BMP plan shall be documented in narrative form and shall include the 13 minimum BMPs and any necessary plot plans, drawings, or maps. Other documents already prepared for the facility such as a Safety Manual or a Spill Prevention, Control and Countermeasure (SPCC) plan may be used as part of the plan and may be incorporated by reference. A copy of the current BMP plan shall be submitted to the Department as required in item (2.) below and a copy must be maintained at the facility and shall be available to authorized Department representatives upon request.

2. **Compliance Deadlines** - The initial completed BMP plan shall be submitted **within 6 months of EDP** to the Regional Water Engineer. The BMP plan shall be implemented within 6 months of submission, unless a different time frame is approved by the Department. The BMP plan **shall be reviewed annually** and shall be modified whenever (a) changes at the facility materially increase the potential for releases of pollutants; (b) actual releases indicate the plan is inadequate, or (c) a letter from the Department identifies inadequacies in the plan. The permittee shall certify in writing, as an attachment to the December Discharge Monitoring Report (DMR), that the annual review has been completed. All BMP plan revisions (with the exception of SWPPPs - see item (5.) below) must be submitted to the Regional Water Engineer within 30 days. Note that the permittee is not required to obtain Department approval of the BMP plan (or of any SWPPPs) unless notified otherwise. Subsequent modifications to or renewal of this permit does not reset or revise these deadlines unless a new deadline is set explicitly by such permit modification or renewal.

3. **Facility Review** - The permittee shall review all facility components or systems (including but not limited to material storage areas; in-plant transfer, process, and material handling areas; loading and unloading operations; storm water, erosion, and sediment control measures; process emergency control systems; and sludge and waste disposal areas) where materials or pollutants are used, manufactured, stored or handled to evaluate the potential for the release of pollutants to the waters of the State. In performing such an evaluation, the permittee shall consider such factors as the probability of equipment failure or improper operation, cross-contamination of storm water by process materials, settlement of facility air emissions, the effects of natural phenomena such as freezing temperatures and precipitation, fires, and the facility's history of spills and leaks. The relative toxicity of the pollutant shall be considered in determining the significance of potential releases. The review shall address all substances present at the facility that are identified in Tables 6-10 of SPDES application Form NY-2C (available at http://www.dec.ny.gov/docs/permits_ej_operations_pdf/form2c.pdf) or that are required to be monitored for by the SPDES permit.

4. **13 Minimum BMPs:** Whenever the potential for a release of pollutants to State waters is determined to be present, the permittee shall identify BMPs that have been established to prevent or minimize such potential releases. Where BMPs are inadequate or absent, appropriate BMPs shall be established. In selecting appropriate BMPs, the permittee shall consider good industry practices and, where appropriate, structural measures such as secondary containment and erosion/sediment control devices and practices. USEPA guidance for development of stormwater elements of the BMP is available in *Developing Your Stormwater Pollution Prevention Plan A Guide for Industrial Operators*, February 2009, EPA 833-B-09-002. As a minimum, the plan shall include the following BMPs:

   1. BMP Pollution Prevention Team
   2. Reporting of BMP Incidents
   3. Risk Identification & Assessment
   4. Employee Training
   5. Inspections and Records
   6. Security
   7. Preventive Maintenance
   8. Good Housekeeping
   9. Materials/Waste Handling, Storage, & Compatibility
   10. Spill Prevention & Response
   11. Erosion & Sediment Control
   12. Management of Runoff
   13. Street Sweeping

   Note that for some facilities, especially those with few employees, some of the above BMPs may not be applicable. It is acceptable in these cases to indicate "Not Applicable" for the portion(s) of the BMP Plan that do not apply to your facility, along with an explanation.

SPECIAL CONDITIONS – INDUSTRY BEST MANAGEMENT PRACTICES (continued)

5. **Stormwater Pollution Prevention Plans (SWPPPs) Required for Discharges of Stormwater From Construction Activity to Surface Waters** - As part of BMP #11, a SWPPP shall be developed prior to the initiation of any site disturbance of one acre or more of uncontaminated area. Uncontaminated area means soils or groundwater which are free of contamination by any toxic or non-conventional pollutants identified in Tables 6-10 of SPDES application Form NY-2C. Disturbance of any size contaminated area(s) and the resulting discharge of contaminated stormwater is not authorized by this permit unless the discharge is under State or Federal oversight as part of a remedial program or after review by the Regional Water Engineer; nor is such discharge authorized by any SPDES general permit for stormwater discharges. SWPPPs are not required for discharges of stormwater from construction activity to groundwater. The SWPPP shall conform to the *New York Standards and Specifications for Erosion and Sediment Control* and *New York State Stormwater Management Design Manual,* unless a variance has been obtained from the Regional Water Engineer, and to any local requirements. The permittee shall submit a copy of the SWPPP and any amendments thereto to the local governing body and any other authorized agency having jurisdiction or regulatory control over the construction activity **at least 30 days prior to soil disturbance**. The SWPPP shall also be submitted to the Regional Water Engineer if contamination, as defined above, is involved and the permittee must obtain a determination of any SPDES permit modifications and/or additional treatment which may be required prior to soil disturbance. Otherwise, the SWPPP shall be submitted to the Department only upon request. When a SWPPP is required, a properly completed *Notice of Intent* (NOI) form shall be submitted (available at www.dec.ny.gov/chemical/43133.html) prior to soil disturbance. Note that submission of a NOI is required for informational purposes; the permittee is not eligible for and will not obtain coverage under any SPDES general permit for stormwater discharges, nor are any additional permit fees incurred. SWPPPs must be developed and submitted for subsequent site disturbances in accordance with the above requirements. The permittee is responsible for ensuring that the provisions of each SWPPP are properly implemented.

DISCHARGE NOTIFICATION REQUIREMENTS

(a) Except as provided in (c) and (g) of these Discharge Notification Act requirements, the permittee shall install and maintain identification signs at all outfalls to surface waters listed in this permit. Such signs shall be installed before initiation of any discharge.

(b) Subsequent modifications to or renewal of this permit does not reset or revise the deadline set forth in (a) above, unless a new deadline is set explicitly by such permit modification or renewal.

(c) The Discharge Notification Requirements described herein do not apply to outfalls from which the discharge is composed exclusively of storm water, or discharges to ground water.

(d) The sign(s) shall be conspicuous, legible and in as close proximity to the point of discharge as is reasonably possible while ensuring the maximum visibility from the surface water and shore. The signs shall be installed in such a manner to pose minimal hazard to navigation, bathing or other water related activities. If the public has access to the water from the land in the vicinity of the outfall, an identical sign shall be posted to be visible from the direction approaching the surface water.

The signs shall have **minimum** dimensions of eighteen inches by twenty four inches (18" x 24") and shall have white letters on a green background and contain the following information:

N.Y.S. PERMITTED DISCHARGE POINT

SPDES PERMIT No.: NY_____

OUTFALL No. :____

For information about this permitted discharge contact:

Permittee Name: _____

Permittee Contact: _____

Permittee Phone: ( ) - ### - ####

OR:

NYSDEC Division of Water Regional Office Address:

NYSDEC Division of Water Regional Phone: ( ) - ### -####

(e) For each discharge required to have a sign in accordance with a), the permittee shall, concurrent with the installation of the sign, provide a repository of copies of the Discharge Monitoring Reports (DMRs), as required by the **RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS** page of this permit. This repository shall be open to the public, at a minimum, during normal daytime business hours. The repository may be at the business office repository of the permittee or at an off-premises location of its choice (such location shall be the village, town, city or county clerk's office, the local library or other location as approved by the Department). In accordance with the **RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS** page of your permit, each DMR shall be maintained on record for a period of five years

(f) The permittee shall periodically inspect the outfall identification sign(s) in order to ensure they are maintained, are still visible, and contain information that is current and factually correct. Signs that are damaged or incorrect shall be replaced within 3 months of inspection.

DISCHARGE NOTIFICATION REQUIREMENTS (continued)

(g) All requirements of the Discharge Notification Act, including public repository requirements, are waived for any outfall meeting any of the following circumstances, provided Department notification is made in accordance with (h) below:

(i) such sign would be inconsistent with any other state or federal statute;

(ii) the Discharge Notification Requirements contained herein would require that such sign could only be located in an area that is damaged by ice or flooding due to a one-year storm or storms of less severity;

(iii) instances in which the outfall to the receiving water is located on private or government property which is restricted to the public through fencing, patrolling, or other control mechanisms. Property which is posted only, without additional control mechanisms, does not qualify for this provision;

(iv) instances where the outfall pipe or channel discharges to another outfall pipe or channel, before discharge to a receiving water; or

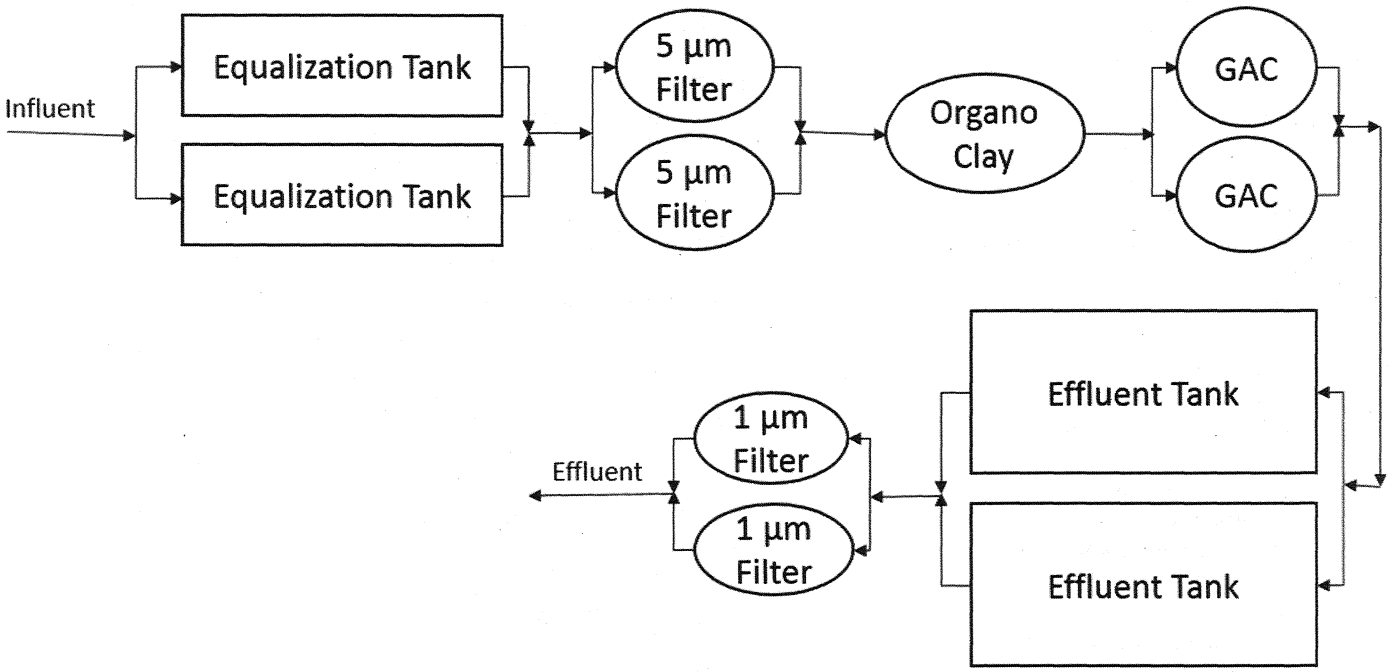
(v) instances in which the discharge from the outfall is located in the receiving water, two-hundred or more feet from the shoreline of the receiving water.

(h) If the permittee believes that any outfall which discharges wastewater from the permitted facility meets any of the waiver criteria listed in (g) above, notification (form enclosed) must be made to the Department's Bureau of Water Permits, 625 Broadway, Albany, N.Y. 12233-3505, of such fact, and, provided there is no objection by the Department, a sign and DMR repository for the involved outfall(s) are not required. This notification must include the facility's name, address, telephone number, contact, permit number, outfall number(s), and reason why such outfall(s) is waived from the requirements of discharge notification. The Department may evaluate the applicability of a waiver at any time, and take appropriate measures to assure that the ECL and associated regulations are complied with.

MONITORING LOCATIONS

The permittee shall take samples and measurements, to comply with the monitoring requirements specified in this permit, at the locations(s) specified below:

The influent sampling point shall be taken after the equalization tanks, and the effluent sampling point shall be taken after the 1 µm bag filters.



GENERAL REQUIREMENTS

A. The regulations in 6 NYCRR Part 750 are hereby incorporated by reference and the conditions are enforceable requirements under this permit. The permittee shall comply with all requirements set forth in this permit and with all the applicable requirements of 6 NYCRR Part 750 incorporated into this permit by reference, including but not limited to the regulations in the following paragraphs:

B. General Conditions

1.	Duty to comply	6 NYCRR 750-2.1(e) & 2.4
2.	Duty to reapply	6 NYCRR 750-1.16(a)
3.	Need to halt or reduce activity not a defense	6 NYCRR 750-2.1(g)
4.	Duty to mitigate	6 NYCRR 750-2.7(f)
5.	Permit actions	6 NYCRR 750-1.1(c), 1.18, 1.20 & 2.1(h)
6.	Property rights	6 NYCRR 750-2.2(b)
7.	Duty to provide information	6 NYCRR 750-2.1(i)
8.	Inspection and entry	6 NYCRR 750-2.1(a) & 2.3

C. Operation and Maintenance

1.	Proper Operation & Maintenance	6 NYCRR 750-2.8
2.	Bypass	6 NYCRR 750-1.2(a)(17), 2.8(b) & 2.7
3.	Upset	6 NYCRR 750-1.2(a)(94) & 2.8(c)

D. Monitoring and Records

1.	Monitoring and records	6 NYCRR 750-2.5(a)(2), 2.5(a)(6), 2.5(c)(1), 2.5(c)(2), & 2.5(d)
2.	Signatory requirements	6 NYCRR 750-1.8 & 2.5(b)

E. Reporting Requirements

1.	Reporting requirements for non-POTWs	6 NYCRR 750-2.5, 2.6, 2.7, &1.17
2.	Anticipated noncompliance	6 NYCRR 750-2.7(a)
3.	Transfers	6 NYCRR 750-1.17
4.	Monitoring reports	6 NYCRR 750-2.5(e)
5.	Compliance schedules	6 NYCRR 750-1.14(d)
6.	24-hour reporting	6 NYCRR 750-2.7(c) & (d)
7.	Other noncompliance	6 NYCRR 750-2.7(e)
8.	Other information	6 NYCRR 750-2.1(f)

F. Sludge Management
The permittee shall comply with all applicable requirements of 6 NYCRR Part 360.

G. SPDES Permit Program Fee
The permittee shall pay to the Department an annual SPDES permit program fee within 30 days of the date of the first invoice, unless otherwise directed by the Department, and shall comply with all applicable requirements of ECL 72-0602 and 6 NYCRR Parts 480, 481 and 485. Note that if there is inconsistency between the fees specified in ECL 72-0602 and 6 NYCRR Part 485, the ECL 72-0602 fees govern.

H. Water Treatment Chemicals (WTCs)
New or increased use and discharge of a WTC requires prior Department review and authorization. At a minimum, the permittee must notify the Department in writing of its intent to change WTC use by submitting a completed *WTC Notification Form* for each proposed WTC. The Department will review that submittal and determine if a SPDES permit modification is necessary or whether WTC review and authorization may proceed outside of the formal permit administrative process. The majority of WTC authorizations do not require SPDES permit modification. In any event, use and discharge of a WTC shall not proceed without prior authorization from the Department. Examples of WTCs include biocides, coagulants, conditioners, corrosion inhibitors, defoamers, deposit control agents, flocculants, scale inhibitors, sequestrants, and settling aids.

1. WTC use shall not exceed the rate explicitly authorized by this permit or otherwise authorized in writing by the Department.
2. The permittee shall maintain a logbook of all WTC use, noting for each WTC the date, time, exact location, and amount of each dosage, and, the name of the individual applying or measuring the chemical. The logbook must also document that adequate process controls are in place to ensure that excessive levels of WTCs are not used.
3. The permittee shall submit a completed WTC Annual Report Form each year that they use and discharge WTCs. This form shall be attached to either the December DMR or the annual monitoring report required below.

The *WTC Notification Form and WTC Annual Report Form* are available from the Department's website at:
http://www.dec.ny.gov/permits/93245.html

RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS

A. The monitoring information required by this permit shall be summarized, signed and retained for a period of at least five years from the date of the sampling for subsequent inspection by the Department or its designated agent. **Also, monitoring information required by this permit shall be summarized and reported by submitting;**

[X] (if box is checked) completed and signed Discharge Monitoring Report (DMR) forms for each **ONE (1)** month reporting period to the locations specified below. Blank forms are available at the Department's Albany office listed below. The first reporting period begins on the effective date of this permit and the reports will be due no later than the 28th day of the month following the end of each reporting period.

[ ] (if box is checked) an annual report to the Regional Water Engineer at the address specified below. The annual report is due by February 1 each year and must summarize information for January to December of the previous year in a format acceptable to the Department.

[ ] (if box is checked) a monthly "Wastewater Facility Operation Report..." (form 92-15-7) to the:
[ ] Regional Water Engineer and/or [ ] County Health Department or Environmental Control Agency specified below

Send the **original** (top sheet) of each DMR page to:
Department of Environmental Conservation
Division of Water, Bureau of Water Compliance
625 Broadway
Albany, New York 12233-3506

Phone: (518) 402-8177

Send the **first copy** (second sheet) of each DMR page to:
Department of Environmental Conservation
Regional Water Engineer, Region 3
100 Hillside Avenue, Suite 1W
White Plains, New York 10603-2860

Phone: (914) 428-2505

Send an **additional copy** of each DMR page to:

B. Monitoring and analysis shall be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

C. More frequent monitoring of the discharge(s), monitoring point(s), or waters of the State than required by the permit, where analysis is performed by a certified laboratory or where such analysis is not required to be performed by a certified laboratory, shall be included in the calculations and recording of the data on the corresponding DMRs.

D. Calculations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.

E. Unless otherwise specified, all information recorded on the DMRs shall be based upon measurements and sampling carried out during the most recently completed reporting period.

F. Any laboratory test or sample analysis required by this permit for which the State Commissioner of Health issues certificates of approval pursuant to section 502 of the Public Health Law shall be conducted by a laboratory which has been issued a certificate of approval. Inquiries regarding laboratory certification should be directed to the New York State Department of Health, Environmental Laboratory Accreditation Program.

SPDES Permit Statement of Basis – Surface Water Discharges

Permittee:	Central Hudson Gas & Electric Corporation	Date:	February 12, 2018
Facility:	Elting's Corners Wetland Remediation	Permit Writer:	Alison Wasserbauer
SPDES No:	NY 028 1123		

I. SUMMARY OF PROPOSED PERMIT CHANGES

A new State Pollutant Discharge Elimination System (SPDES) permit is proposed. Following is a summary of the proposed changes in the draft permit as compared to the currently effective permit, the details of these changes are specified below and in the draft permit: N/A. Please note that when the Department updates a permit this typically includes updated forms incorporating the latest general conditions.

II. BACKGROUND INFORMATION

As noted throughout this document, SPDES permits are based on both federal and state requirements including laws, regulations, policies, and guidance. These references can generally be found on the internet. Current locations include: Clean Water Act (CWA) *www.epa.gov/lawsregs/laws/index.html#env*; Environmental Conservation Law (ECL) *www.dec.ny.gov/regulations/40195.html*; federal regulations *www.gpo.gov/fdsys/browse/collectionCfr.action? collectionCode=CFR*; state environmental regulations *www.dec.ny.gov/regulations/regulations.html*; NYSDEC water policy *www.dec.ny.gov/regulations/2654.html*.

III. PROPOSED PERMIT REQUIREMENTS

The Department evaluates discharges with respect to the relevant sections of the CWA, ECL, federal/state regulations, policy, and guidance to determine which conditions to include in the draft permit.

The Department determines the **technology-based effluent limits (TBELs)** that must be incorporated into the permit. A TBEL requires a minimum level of treatment. For industrial point sources, TBELs are typically based on federal effluent guidelines and/or best professional judgment (BPJ). BPJ considers currently available treatment technologies and appropriate Best Management Practices (BMPs). For municipal POTWs and private sewage treatment plants, TBELs are typically based on secondary treatment requirements and, if applicable, CSO control policy.

The Department then evaluates the water quality expected to result from technology controls to determine if any exceedances of water quality criteria in the receiving water might result. If so, **water quality-based effluent limits (WQBELs)** must be included in the permit. A WQBEL is designed to ensure that the water quality standards of receiving waters are being met. In general, effluent limits for a particular pollutant are the more stringent of either the TBEL or WQBEL.

For existing permittees, the previous permit typically forms the basis for the next permit. Permit revisions are implemented where justified due to changed conditions at the facility and/or in response to updated regulatory requirements. Regulatory anti-backsliding requirements prohibit the relaxation of effluent limits in reissued permits unless one of the specified exceptions applies, as detailed in TOGS 1.2.1.

Applicable law and regulation requires that monitoring be included in permits to determine compliance with effluent limitations. Additional effluent monitoring may also be required to gather data to determine if effluent limitations may be required. The permittee is responsible for conducting the monitoring and, when required, for reporting results on DMRs. The permit contains the monitoring requirements for the facility. Monitoring frequency is based on the minimum sampling necessary to adequately monitor the facility's performance and TOGS 1.2.1 and TOGS 1.3.3. Mercury-related requirements, if included, conform to TOGS 1.3.10.

OUTFALL, RECEIVING WATER & POLLUTANT SUMMARY TABLES

Outfall Number	Latitude	Longitude	Receiving Water Name	Water Class	Water Index Number	Major/Sub Basin
001	41° 44' 18"	74° 02' 24"	Swarte Kill	B	H-139-13-2	13/06
Source(s) of Wastewater:			Remediation System Discharge, Stormwater			
Existing Wastewater Treatment Facilities:			Equalization tanks (2), 5 µm bag filters (2), organo clay filter, GAC units (2), 1 µm bag filters			

Effluent Parameter (concentration in ug/l and mass in lbs/day unless otherwise specified)	Existing Effluent Quality				TBELs				Water Quality Data & WQBELs					Permit Basis
	concentration		Mass (lbs/d)					PQL	Ambient Criteria	Ambient Background	WQBEL			(T or WQ or NA)
	Avg/Max	95%/99%	Avg/Max	95%/99%	conc.	mass	Type	conc.	conc.	conc.	conc.	mass	Type	
Flow Rate, units = MGD	No Effluent Data Available				0.22		DM	NA	7Q10 = 0, 30Q10 = 0, Dilution/Mixing = 0					T
pH (su)					6.0 – 9.0		Range		6.5 – 8.5		6.5 – 8.5	-	Range	WQ
Temperature (F)					Monitor		DM		N/A		-	-	-	-
BOD5 (mg/L)					Monitor	Monitor	DM		DO = 4.0		-	-	-	T
TSS (mg/L)					20	37	DM		Narrative		-	-	-	T
TDS (mg/L)					Monitor	Monitor	DM		500		500	-	DM	WQ
Ammonia, N (mg/L)					Monitor	Monitor	DM		1.2 (S Surf.) 1.8 (W Surf.) 2.0 (GW)		1.2 (S Surf.) 1.8 (W Surf.) 2.0 (GW)	2.2 (S Surf.) 3.3 (W Surf.) 3.7 (GW)	DM	WQ (Surf.)
TKN (mg/L)					Monitor	Monitor	DM		DO = 4.0		-	-	-	T
Oil & Grease (mg/L)					15	-	DM		Narrative		-	-	-	T
PCB-1254 (µg/L)					0.065	Monitor	DM	200	1.0×10^{-6} (Surf.) 0.090 (GW)		1.0×10^{-6} (Surf.) 0.090 (GW)	Monitor	DM	PQL
PCB-1260 (µg/L)					0.065	Monitor	DM	200	1.0×10^{-6} (Surf.) 0.090 (GW)		1.0×10^{-6} (Surf.) 0.090 (GW)	Monitor	DM	PQL

Effluent Parameter (concentration in ug/l and mass in lbs/day unless otherwise specified)	Existing Effluent Quality				TBELs				Water Quality Data & WQBELs					Permit Basis
	concentration		Mass (lbs/d)					PQL	Ambient Criteria	Ambient Background	WQBEL			(T or WQ or NA)
	Avg/Max	95%/99%	Avg/Max	95%/99%	conc.	mass	Type	conc.	conc.	conc.	conc.	mass	Type	
Acenaphthene (µg/L)	No Effluent Data Available				10	Monitor	DM		5.3 (Surf.) 20 (GW)		5.3 (Surf.) 20 (GW)	Monitor	DM	WQ (Surf.)
Acenaphthylene (µg/L)					10	Monitor	DM		-		-	-	-	T
Anthracene (µg/L)					10	Monitor	DM		3.8 (Surf.) 50 (GW)		3.8 (Surf.) 50 (GW)	Monitor	DM	WQ (Surf.)
Benzo(a)anthracene (µg/L)					10	Monitor	DM	0.050	0.030 (Surf.) 0.0020 (GW)		0.030 (Surf.) 0.0020 (GW)	Monitor	DM	PQL
Benzo(a)pyrene (µg/L)					10	Monitor	DM	0.090	0.0012 (Surf.) ND (GW)		0.0012 (Surf.) ND (GW)	Monitor	DM	PQL
Benzo(g,h,i)perylene (µg/L)					10	Monitor	DM		-		-	-	-	T
Benzo(k)fluoranthene (µg/L)					10	Monitor	DM	0.070	0.0020 (GW)		0.0020 (GW)	Monitor	DM	PQL
Chrysene (µg/L)					1.0	Monitor	DM	0.60	0.0020 (GW)		0.0020 (GW)	Monitor	DM	PQL
Dibenzo(a,h)anthracene (µg/L)					10	Monitor	DM		-		-	-	-	T
Fluoranthene (µg/L)					10	Monitor	DM		50 (GW)		50 (GW)	Monitor	DM	T
Fluorene (µg/L)					10	Monitor	DM	0.80	0.54 (Surf.) 50 (GW)		0.54 (Surf.) 50 (GW)	Monitor	DM	PQL
Indeno(1,2,3-cd)pyrene (µg/L)					10	Monitor	DM	0.20	0.0020 (GW)		0.0020 (GW)	Monitor	DM	PQL
Naphthalene (µg/L)					10	Monitor	DM		13 (Surf.) 10 (GW)		13 (Surf.) 10 (GW)	Monitor	DM	WQ (GW)
Phenanthrene (µg/L)					10	Monitor	DM		5.0 (Surf.) 50 (GW)		5.0 (Surf.) 50 (GW)	Monitor	DM	WQ (Surf.)

Effluent Parameter (concentration in ug/l and mass in lbs/day unless otherwise specified)	Existing Effluent Quality				TBELs				Water Quality Data & WQBELs					Permit Basis
	concentration		Mass (lbs/d)					PQL	Ambient Criteria	Ambient Background	WQBEL			(T or WQ or NA)
	Avg/Max	95%/99%	Avg/Max	95%/99%	conc.	mass	Type	conc.	conc.	conc.	conc.	mass	Type	
Pyrene (µg/L)	No Effluent Data Available				1.0	Monitor	DM		4.6 (Surf.) 50 (GW)		4.6 (Surf.) 50 (GW)	Monitor	DM	T

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 3
21 South Putt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3054 | F: (845) 255-4659
www.dec.ny.gov

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

IMPORTANT NOTICE TO ALL PERMITTEES

The permit you requested is enclosed. Please read it carefully and note the conditions that are included in it. The permit is valid for only that activity expressly authorized therein; work beyond the scope of the permit may be considered a violation of law and be subject to appropriate enforcement action. Granting of this permit does not relieve the permittee of the responsibility of obtaining any other permission, consent or approval from any other federal, state, or local government which may be required.

Please note the expiration date of the permit. Applications for permit renewal should be made well in advance of the expiration date (minimum of 30 days) and submitted to the Regional Permit Administrator at the above address. For SPDES, Solid Waste and Hazardous Waste Permits, renewals must be made at least 180 days prior to the expiration date.

The DEC permit number & program ID number noted on page 1 under "Permit Authorization" of the permit are important and should be retained for your records. These numbers should be referenced on all correspondence related to the permit, and on any future applications for permits associated with this facility/project area.

If a permit notice sign is enclosed, you must post it at the work site with appropriate weather protection, as well as a copy of the permit per General Condition 1.

If the permit is associated with a project that will entail construction of new water pollution control facilities or modifications to existing facilities, plan approval for the system design will be required from the appropriate Department's regional Division of Water or delegated local Health Department, as specified in the State Pollutant Discharge Elimination System (SPDES) permit.

If you have any questions on the extent of work authorized or your obligations under the permit, please contact the staff person indicated below or the Division of Environmental Permits at the above address.

Victoria Lawrence

Victoria Lawrence, Environmental Analyst
Division of Environmental Permits, Region 3
Telephone (845) 633-5454

- ☐ Applicable only if checked. Please note all work authorized under this permit is prohibited during trout spawning season commencing October 1 and ending April 30.
- ☐ Applicable only if checked for STORMWATER SPDES INFORMATION: We have determined that your project requires coverage under the General Stormwater SPDES Permit. You must file a Notice of Intent to obtain coverage under the General Permit. This form can be downloaded at: http://www.dec.ny.gov/chemical/43133.html
- ☐ Applicable only if checked - MS4 Areas: This site is within an MS4 area (Municipal Separate Storm Sewer System), therefore the SWPPP must be reviewed and accepted by the municipality. The MS-4 Acceptance Form must be submitted in addition to the Notice of Intent.

Send the completed form(s) to: NYS DEC, Stormwater Permitting, Division of Water, 625 Broadway, Albany, New York 12233-3505; in addition, DEC requests that you provide one electronic copy of the approved SWPPP directly to NYS DEC, 100 Hillside Avenue - Suite 1W, White Plains, NY 10603-2860.

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

New York State Department of Environmental Conservation
Division of Water
SPDES Permit - WTC Notification Form Instructions Page

(Oct 2013)

APPLICABILITY:

New or increased use and discharge of a Water Treatment Chemical (WTC) requires prior NYSDEC review and authorization. At a minimum, the permittee must notify the NYSDEC in writing of its intent to change WTC use by submitting a completed WTC Form for each proposed WTC. The NYSDEC will review that submittal and determine if a SPDES permit modification is first necessary or whether WTC authorization may proceed without a formal permit modification. The majority of WTC authorizations do not require SPDES permit modification. In any event, use and discharge of most WTCs cannot proceed without prior authorization from the NYSDEC. NYSDEC staff may also direct you to use this form for review and authorization of other substances which could be present in wastewater.

Examples of WTCs include biocides, coagulants, conditioners, corrosion inhibitors, defoamers, deposit control agents, flocculants, scale inhibitors, sequestrants, and settling aids.

INSTRUCTIONS:

For **each** new or increased use of a WTC, please complete items 1.a., and 2 - 15 on the attached 3 page *WTC Notification Form.* Some WTC manufacturers may be reluctant to reveal product formulations to the permittee. In those cases the WTC manufacturer may take a partially completed form from the permittee, fill in the remaining information plus items 1.b. and 16, and send the completed form directly to the permit writer. **Email the completed form to:**

Permit writer: _____

Email: _____

Telephone: _____

Completing Item 8.b. (Outfall WTC Concentration) - In general, the average mg/l should be determined by dividing the average dosage in 6a by the average flow in 8a and then dividing by 8.34; the maximum mg/l should be determined by dividing the maximum dosage in 7a by the average flow in 8a and then dividing by 8.34. However, for blowdowns which are highly intermittent or are not tributary to a treatment system or some form of equalization, it may be appropriate to factor in the information in item 9 when completing this item.

Completing Item 12 (Toxicity Information) - All reported test data must represent tests conducted in accordance with current EPA toxicity testing manuals for appropriate species. Submission of acute (48 or 96 hour LC50 or EC50) and/or chronic (7 day NOEC or IC25) test results for at least one vertebrate and one invertebrate species is required.

In most cases, after reviewing the submission, **the NYSDEC permit writer will complete items 17 and 18** and send a copy of the completed form to the person identified in item 2.c and, if appropriate, to the facility inspector.

ADDITIONAL INFORMATION:

Please visit the NYSDEC website at http://www.dec.ny.gov/permits/93245.html for copies of this form, copies of the *WTC Annual Report Form*, and additional information on WTCs.

New York State Department of Environmental Conservation
Division of Water
SPDES Permit - WTC Notification Form Page 1 of 3 (Oct 2013)

For help completing this form refer to instructions page and to http://www.dec.ny.gov/permits/93245.html .

1.a. Date Signed by Permittee -	1.b. Date Signed by WTC Manufacturer - 05-16-18
2.a. Permittee Name - Central Hudson Gas and Electric Corporation	2.b. SPDES No. - NY 0281123
2.c. Contact Name - Chris DeRoberts, Environmental Coordinator	
3.a. WTC Name - Redux E50	
3.b. WTC Manufacturer - Redux Technology	
4.a. WTC Function - Water and Wastewater Treatment Coagulant	
4.b. If WTC is a biocide is it NYS registered? Yes / No X	4.c. Registration Number -
5. WTC Point of Addition - Influent Weir Tank	
6. Affected Outfall(s) - Outfall 001 - Swarte Kill	
7.a. WTC Daily Dosage: average lbs/day =	90, maximum lbs/day = 180
7.b. Dosage Frequency: minutes/day =	1440, days/week = 7
8.a. Outfall Flow Rate: average MGD =	0.108, maximum MGD = 0.216
8.b. Outfall WTC Concentration: average mg/l =	4.5, maximum mg/l = 9
9.a. System Blowdown Flow Rate: average gpm =	NA, maximum gpm = NA
9.b. System Blowdown Frequency: minutes/day =	NA, days/week = NA

10.a. WTC Composition - Ingredients/Impurities (note: ingredients/impurities must total to 100%)	10.b. %	10.c. CAS#	10.d. Outfall Concentration
Polyaluminum Chloride	50%	1327-41-9	2.25 mg/l
Water	50%	7732-18-5	2.25 mg/l
			mg/l
			mg/l
			mg/l
			mg/l
			mg/l

10.e. Intermediate/Final Degradation Products - Water, Carbon Dioxide, Chloride
11. WTC BOD and COD (lb/lb) - NA

New York State Department of Environmental Conservation
Division of Water
SPDES Permit - WTC Notification Form Page 2 of 3 (Oct 2013)

1.a. Date Signed by Permittee -	1.b. Date Signed by WTC Manufacturer - 05-16-18
2.b. SPDES No. - NY 0281123	
3.a.. WTC Name - Redux E50	7.a. Avg/Max Daily Dosage = 90/ 180 lbs/day

12. WTC Toxicity Info (most sensitive species) - Attach description of endpoint for each EC50.

12.a. Vertebrate Species	Acute LC50	Acute EC50	Chronic NOEC	Chronic IC25
Pimephales promelas	776.4 mg/l	265.5 mg/l	mg/l	mg/l
12.b. Vertebrate Species	Acute LC50	Acute EC50	Chronic NOEC	Chronic IC25
	mg/l	mg/l	mg/l	mg/l
12.c. Invertebrate Species	Acute LC50	Acute EC50	Chronic NOEC	Chronic IC25
Ceriodaphnia dubia	803.8 mg/l	mg/l	200 mg/l	mg/l
12.d. Invertebrate Species	Acute LC50	Acute EC50	Chronic NOEC	Chronic IC25
	mg/l	mg/l	mg/l	mg/l

13. Summarize measures in place to ensure that excessive levels of WTC are not used -
Programmable chemical metering system

14. WTCs to be discontinued when use of this WTC begins –

15. Permittee Certification - I certify under penalty of law that this notification and all attachments are, to the best of my knowledge and belief, true, accurate and complete. I also certify that the WTC Usage Requirements and any additional requirements specified on page 3 of this form will be adhered to.

PRINT NAME -	SIGNATURE -
TITLE/COMPANY -	
TELEPHONE -	EMAIL -

16. WTC Manufacturer Certification - I certify under penalty of law that this notification and all attachments are, to the best of my knowledge and belief, true, accurate and complete.

PRINT NAME - Leo McDonough	SIGNATURE - 
TITLE/COMPANY - Sales Manager / Redux Technology	
TELEPHONE - 203-810-9985	EMAIL - lmcdonough@reduxtech.com

New York State Department of Environmental Conservation
Division of Water
SPDES Permit - WTC Notification Form Page 3 of 3 (Octg 2013)

1.a. Date Signed by Permittee -	1.b. Date Signed by WTC Manufacturer - 05-16-18
2.b. SPDES No. - NY	
3.a.. WTC Name -	7.a. Avg/Max Daily Dosage = 90/ 180 lbs/day

WTC Usage Requirements:

A. WTC use shall not exceed the rate explicitly authorized by the SPDES permit or otherwise authorized in writing (including this form) by the Department.

B. The permittee shall **maintain a logbook** of all WTC use, noting for each WTC the date, time, exact location, and amount of each dosage, and, the name of the individual applying or measuring the chemical. The logbook must also document that adequate process controls are in place to ensure that excessive levels of WTCs are not used. The permittee shall retain the logbook for a period of at least 5 years.

C. The permittee shall **submit a completed *WTC Annual Report Form* each year** that they use and discharge WTCs. This form shall be attached to either the December DMR or the annual monitoring report required by the SPDES permit. Copies of the form can be obtained at http://www.dec.ny.gov/permits/93245.html .

Items 17 - 18 must be completed by NYSDEC permit writer.

17. Review Decision - check appropriate box(es).

[X] The proposed WTC usage may proceed without permit modification subject to the WTC Usage Requirements noted above.

[ ] Additional requirements are specified below.

[ ] The proposed WTC usage may not proceed for one of the following reasons:

[ ] As noted below, the information provided is insufficient to complete our review.

[ ] As noted below, the SPDES permit must first be modified to add new requirements.

[ ] As noted below, the proposed use is prohibited.

18. Permit Writer Information:

PRINT NAME - Peter Maier	SIGNATURE - Peter Maier
TITLE - Asst. Engineer	DATE - 07/05/2018
TELEPHONE - (518)402-8103	EMAIL - peter.maier@dec.ny.gov

New York State Department of Environmental Conservation
Division of Water
SPDES Permit - WTC Notification Form Instructions Page

(Oct 2013)

APPLICABILITY:

New or increased use and discharge of a Water Treatment Chemical (WTC) requires prior NYSDEC review and authorization. At a minimum, the permittee must notify the NYSDEC in writing of its intent to change WTC use by submitting a completed WTC Form for each proposed WTC. The NYSDEC will review that submittal and determine if a SPDES permit modification is first necessary or whether WTC authorization may proceed without a formal permit modification. The majority of WTC authorizations do not require SPDES permit modification. In any event, use and discharge of most WTCs cannot proceed without prior authorization from the NYSDEC. NYSDEC staff may also direct you to use this form for review and authorization of other substances which could be present in wastewater.

Examples of WTCs include biocides, coagulants, conditioners, corrosion inhibitors, defoamers, deposit control agents, flocculants, scale inhibitors, sequestrants, and settling aids.

INSTRUCTIONS:

For **each** new or increased use of a WTC, please complete items 1.a., and 2 - 15 on the attached 3 page *WTC Notification Form.* Some WTC manufacturers may be reluctant to reveal product formulations to the permittee. In those cases the WTC manufacturer may take a partially completed form from the permittee, fill in the remaining information plus items 1.b. and 16, and send the completed form directly to the permit writer. **Email the completed form to:**

Permit writer: _____

Email: _____

Telephone: _____

Completing Item 8.b. (Outfall WTC Concentration) - In general, the average mg/l should be determined by dividing the average dosage in 6a by the average flow in 8a and then dividing by 8.34; the maximum mg/l should be determined by dividing the maximum dosage in 7a by the average flow in 8a and then dividing by 8.34. However, for blowdowns which are highly intermittent or are not tributary to a treatment system or some form of equalization, it may be appropriate to factor in the information in item 9 when completing this item.

Completing Item 12 (Toxicity Information) - All reported test data must represent tests conducted in accordance with current EPA toxicity testing manuals for appropriate species. Submission of acute (48 or 96 hour LC50 or EC50) and/or chronic (7 day NOEC or IC25) test results for at least one vertebrate and one invertebrate species is required.

In most cases, after reviewing the submission, **the NYSDEC permit writer will complete items 17 and 18** and send a copy of the completed form to the person identified in item 2.c and, if appropriate, to the facility inspector.

ADDITIONAL INFORMATION:

Please visit the NYSDEC website at http://www.dec.ny.gov/permits/93245.html for copies of this form, copies of the *WTC Annual Report Form*, and additional information on WTCs.

New York State Department of Environmental Conservation
Division of Water
SPDES Permit - WTC Notification Form Page 1 of 3 (Oct 2013)

For help completing this form refer to instructions page and to http://www.dec.ny.gov/permits/93245.html .

1.a. Date Signed by Permittee -	1.b. Date Signed by WTC Manufacturer - 06-20-18
2.a. Permittee Name - Central Hudson Gas and Electric Corporation	2.b. SPDES No. - NY 0281123
2.c. Contact Name - Chris DeRoberts, Environmental Coordinator	
3.a. WTC Name - Redux 800 Series Polymer	
3.b. WTC Manufacturer - Redux Technology	
4.a. WTC Function - Water and Wastewater Treatment Flocculant	
4.b. If WTC is a biocide is it NYS registered? Yes No	4.c. Registration Number -
5. WTC Point of Addition - Influent Weir Tank	
6. Affected Outfall(s) - Outfall 001 - Swarte Kill	
7.a. WTC Daily Dosage: average lbs/day =	13.5, maximum lbs/day = 27
7.b. Dosage Frequency: minutes/day =	1440, days/week = 7
8.a. Outfall Flow Rate: average MGD =	0.108, maximum MGD = 0.216
8.b. Outfall WTC Concentration: average mg/l =	1.5, maximum mg/l = 3.0
9.a. System Blowdown Flow Rate: average gpm =	NA, maximum gpm = NA
9.b. System Blowdown Frequency: minutes/day =	NA, days/week = NA

10.a. WTC Composition - Ingredients/Impurities (note: ingredients/impurities must total to 100%)	10.b. %	10.c. CAS#	10.d. Outfall Concentration
polyacrylic acid	100	9003-04-7	1.5 mg/l
			mg/l
			mg/l
			mg/l
			mg/l
			mg/l
			mg/l

10.e. Intermediate/Final Degradation Products - Water, Carbon Dioxide
11. WTC BOD and COD (lb/lb) - NA

New York State Department of Environmental Conservation
Division of Water
SPDES Permit - WTC Notification Form Page 2 of 3 (Oct 2013)

1.a. Date Signed by Permittee -	1.b. Date Signed by WTC Manufacturer - 06-20-18
2.b. SPDES No. - NY 0281123	
3.a.. WTC Name - Redux 800 Series Polymer	7.a. Avg/Max Daily Dosage = 13.5/ 27 lbs/day

12. WTC Toxicity Info (most sensitive species) - Attach description of endpoint for each EC50.

12.a. Vertebrate Species	Acute LC50	Acute EC50	Chronic NOEC	Chronic IC25
Danio rerio	>100 mg/l	mg/l	mg/l	mg/l
12.b. Vertebrate Species	Acute LC50	Acute EC50	Chronic NOEC	Chronic IC25
	mg/l	mg/l	mg/l	mg/l
12.c. Invertebrate Species	Acute LC50	Acute EC50	Chronic NOEC	Chronic IC25
Daphnia magna	mg/l	>100 mg/l	mg/l	mg/l
12.d. Invertebrate Species	Acute LC50	Acute EC50	Chronic NOEC	Chronic IC25
	mg/l	mg/l	mg/l	mg/l

13. Summarize measures in place to ensure that excessive levels of WTC are not used -
Programmable chemical metering system

14. WTCs to be discontinued when use of this WTC begins –

15. Permittee Certification - I certify under penalty of law that this notification and all attachments are, to the best of my knowledge and belief, true, accurate and complete. I also certify that the WTC Usage Requirements and any additional requirements specified on page 3 of this form will be adhered to.

PRINT NAME -	SIGNATURE -
TITLE/COMPANY -	
TELEPHONE -	EMAIL -

16. WTC Manufacturer Certification - I certify under penalty of law that this notification and all attachments are, to the best of my knowledge and belief, true, accurate and complete.

PRINT NAME - Leo McDonough	SIGNATURE -
TITLE/COMPANY - Sales Manager / Redux Technologies	
TELEPHONE - 203-810-9985	EMAIL - lmcdonough@reduxtech.com

New York State Department of Environmental Conservation
Division of Water
SPDES Permit - WTC Notification Form Page 3 of 3 (Octg 2013)

1.a. Date Signed by Permittee -	1.b. Date Signed by WTC Manufacturer - 06-20-18
2.b. SPDES No. - NY 0281123	
3.a.. WTC Name -	7.a. Avg/Max Daily Dosage = 13.5/ 27 lbs/day

WTC Usage Requirements:

A. WTC use shall not exceed the rate explicitly authorized by the SPDES permit or otherwise authorized in writing (including this form) by the Department.

B. The permittee shall **maintain a logbook** of all WTC use, noting for each WTC the date, time, exact location, and amount of each dosage, and, the name of the individual applying or measuring the chemical. The logbook must also document that adequate process controls are in place to ensure that excessive levels of WTCs are not used. The permittee shall retain the logbook for a period of at least 5 years.

C. The permittee shall **submit a completed *WTC Annual Report Form* each year** that they use and discharge WTCs. This form shall be attached to either the December DMR or the annual monitoring report required by the SPDES permit. Copies of the form can be obtained at http://www.dec.ny.gov/permits/93245.html .

Items 17 - 18 must be completed by NYSDEC permit writer.

17. Review Decision - check appropriate box(es).

[X] The proposed WTC usage may proceed without permit modification subject to the WTC Usage Requirements noted above.

[ ] Additional requirements are specified below.

[ ] The proposed WTC usage may not proceed for one of the following reasons:

[ ] As noted below, the information provided is insufficient to complete our review.

[ ] As noted below, the SPDES permit must first be modified to add new requirements.

[ ] As noted below, the proposed use is prohibited.

18. Permit Writer Information:

PRINT NAME - Peter Maier	SIGNATURE - Peter Maier
TITLE - Asst. Engineer	DATE - 07/05/2018
TELEPHONE - (518)402-8103	EMAIL - peter.maier@dec.ny.gov

October 25, 2018

Dayo Adewole, P.E.
Division of Water, Region 3
NYSDEC
100 Hillside Avenue, Suite 1W
White Plains, NY 10603

Re: Elting's Water Treatment System Closure Notification
SPDES Number: NY0281123

Dayo,

This letter serves as notification that the aboveground temporary water treatment system associated with SPDES permit number NY0281123 is no longer in operation, as was noted in our September DMR. The system was installed to treat construction water generated during implementation of the remedial excavation performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) approved April 2018 Remedial Action Work Plan (RAWP; Arcadis 2018) for the Elting's Corners Facility in Lloyd, New York (DER Site #356045; the Site). The DER Project Manager overseeing the remediation at the Site is Kiera Thompson (kiera.thompson@dec.ny.gov; 518-402-9662), who is copied on this letter.

Remedial excavation was completed on September 6, 2018 and no known site related impacts remained within the excavation area after this date. Excavation water was released from treatment requirements by DER on September 25, 2018 and is now being managed in accordance with the DER-approved RAWP and stormwater best management practices under the SPDES General Permit for Stormwater Discharges from Construction Activities. Best Management Practices including erosion controls will be maintained until final site stabilization.

To meet the content required by NYCRR 750-2.11 the following information is being provided related to this closure notification for SPDES Permit Number NY0281123:

284 South Avenue
Poughkeepsie, NY 12601
Phone: 845-486-5734
Fax: 845-486-5984
cderoberts@cenhud.com

2.11(c)(1)(i)(a) the date the system will cease operation:

Final discharge from the treatment system occurred on September 25, 2018 following approval from DER to dismantle the water treatment system. No further treatment/discharge is anticipated.

2.11(c)(1)(i)(b) the date the influent and effluent pipes will be sealed:

Not Applicable. No influent or effluent pipes will remain on the Site. Influent and effluent pipes were temporary in nature and will be demobilized from the Site in accordance with the DER-approved RAWP for the remediation.

2.11(c)(1)(i)(c) plans (signed and sealed by a New York State licensed professional engineer) for final disposition of the physical facilities, including all treatment units, outfall line, and all mechanical and electrical equipment and pipings

The temporary above ground treatment system was comprised of rental equipment for all treatment units, storage tanks, mechanical and electrical equipment and piping. All equipment will be decontaminated in accordance with the DER-approved RAWP and associated Contractor Health and Safety Plan and returned to the appropriate rental vendors. Water generated during equipment decontamination will be containerized and disposed offsite at the following licensed disposal facility:

Tradebe
50 Cross Street
Bridgeport, CT 06610

Spent media from treatment vessels will be removed from the vessels and transported off-site with excavated sediment from the removal area (currently staged in the onsite staging area in accordance with the DER-approved RAWP). Solids are being disposed of at the following licensed disposal facility:

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165
NYS DEC Facility #50S08

2.11(c)(1)(i)(d) plans (signed and sealed by a New York State licensed professional engineer) for elimination of all equipment and/or conditions that could possibly pose a safety hazard, either during or after shut-down of operations;

All system components will be removed from the Site and the Site will be restored in accordance Design Drawings provide in the DER-approved RAWP.

2.11(c)(1)(i)(e) verification that there are no lines in the collection system which are cross connected (receiving both sanitary and storm water) or which do not contain adequate conveyance capacity;

No lines associated with the system and the permitted discharge will remain at the Site.

2.11(c)(1)(i)(f) the name of the licensed individual responsible for the maintenance and operation of the wastewater pumping station and/or disposal system systems that are still to be maintained:

Not applicable. No components of the system will remain at completion of demobilization and restoration efforts.

2.11(c)(1)(ii) notify the regional water engineer, in writing, concerning any deactivated lagoons or other actual or potential discharges to ground water which may exist at the site.

No lagoons or potential discharges of impacts to groundwater exist from remediation related activities. The remediation activities will restore the area in accordance with the DER-approved RAWP (restoration anticipated to be complete in November 2018).

2.11 (c)(2)(i): The permittee shall submit to the regional water engineer proof of ownership of or contractual arrangement with an operation or operations permitted to manage all such waste materials. A contract with a hauler will only be accepted as proof of proper waste management if documentation of management at an approved site or sites is included. In addition, all necessary State or Federal permits/approvals must accompany the submission.

As discussed in the response to item 2.11(c)(1)(i)(c), wastes will be disposed of at disposal waste facilities permitted to accept the wastes. Approval letters from the facility accepting the waste are attached. Material will be transported by appropriately permitted waste transporters.

2.11 (c)(2)(ii) All residual material shall be removed within 180 calendar days after the system is taken out of service. Proof of proper residuals management shall be submitted to the regional water engineer within 30 calendar days after their removal. The dates of removal and quantities removed shall be specified.

The temporary water treatment system will be decontaminated, dismantled, demobilized and all associated residual disposed offsite by the end of the year. Documentation of the residuals management will be submitted following completion of the disposal activities.

2.11 (d) Upon satisfaction of closure requirements specified in subdivision (c) of this section, the regional water engineer shall be contacted, in writing, to schedule a final site inspection of any disposal system which had a SPDES discharge permit to verify that influent and effluent pipes have been sealed and that all solid and residual materials related to the treatment process have been removed.

As noted above the regional water engineer will be notified once removal of the temporary water treatment system and off-site disposal of the residuals is complete. An inspection can be scheduled at that time if needed.

If you should have any questions or need any additional information, please feel free to give me a call at (845) 486-5734.

Sincerely,

Chris DeRoberts
Environmental Coordinator

Cc: Kiera Thompson, DEC
Amanda Kohler, Arcadis
Matt Kroening, Arcadis
Rob Drabot, Abscope
Wayne Mancroni, Central Hudson

December 18, 2018

Dayo Adewole, P.E.
Division of Water, Region 3
NYSDEC
100 Hillside Avenue, Suite 1W
White Plains, NY 10603

Re: Elting's Water Treatment System Closure Notification update
SPDES Number: NY0281123

Dayo,

In following up on our Closure Notification letter dated October 25, 2018 and our phone conversation on November 16th, attached please find additional documentation as required by NYCRR 750-2.11(c)(1)(i)(c), 2.11(c)(1)(i)(d), and 2.11(c)(2)(ii) regarding the removal and final disposition of all physical facilities and equipment associated with the temporary water treatment system (WTS) used during the remediation work at Elting's. In accordance with 2.11(d) and having satisfied all other closure requirements, a final site inspection can now be scheduled if needed. You will see in the attached picture that all components associated with the WTS have been removed and this area has been seeded and mulched since this picture was taken. If you need any additional information or would like to schedule a final site inspection, please give me a call at (845) 486-5734.

Sincerely,

Chris DeRoberts
Environmental Coordinator

Cc: Kiera Thompson, DEC
Amanda Kohler, Arcadis
Rob Drabot, Abscope
Wayne Mancroni, Central Hudson

284 South Avenue
Poughkeepsie, NY 12601
Phone: 845-486-5734
Fax: 845-486-5984
cderoberts@cenhud.com

MEMO

ARCADIS Design & Consultancy for natural and built assets

To:

Chris DeRoberts, CHGE

Copies:

Wayne Mancroni, CHGE
Mark McLean, CHGE
Lance Ketcham, Arcadis
Amanda Kohler, Arcadis

Arcadis of New York, Inc.
One Lincoln Center
110 West Fayette Street
Suite 300
Syracuse
New York 13202
Tel 315 446 9120
Fax 315 449 0017

From:

Mark O. Gravelding, P.E., Arcadis

Date:

December 5, 2018

Arcadis Project No.:

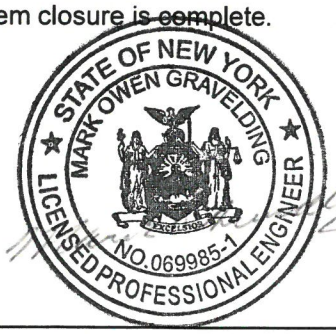
B0020540

Subject:

Elting's Temporary Water Treatment System Closure Documentation
SPDES Number: NY028112

As required by NYCRR 750-2.11(c)(1)(i)(c), 2.11(c)(1)(i)(d), and 2.11 (c)(2)(ii), the following has been prepared by Arcadis of New York, Inc. (Arcadis) to document the removal and final disposition of all physical facilities and equipment associated with the temporary water treatment system (SPDES NY028112), which was constructed to support the environmental remediation at Central Hudson Gas and Electric Corporation's (CHGE's) Elting's Corners Facility (the Site; Site # 356045) under a New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER)-approved Remedial Action Work Plan (RAWP). The DER Project Manager overseeing the remediation at the Site is Kiera Thompson (kiera.thompson@dec.ny.gov; 518-402-9662).

The information presented herein are based on site observations made during construction activities performed by CHGE's contractor, Abscope Environmental Inc., and its subcontractors. To the best of our knowledge, information provided to us by others is correct and true. Based on the observations and information documented herein, it is Arcadis's professional opinion that the temporary water treatment system closure is complete.



By: _____

Mark O. Gravelding, P.E.
NYS P.E. No. 069985

The following summarizes the status of each of the components from the temporary water treatment system shown in the schematic provided in Attachment A. The location of the temporary water treatment system is being restored in accordance with the NYSDEC DER-approved RAWP; a copy of the restoration plan from the RAWP is provided in Attachment B (system was located immediately north-northeast of the gravel laydown area).

Component	Owner (see Note 1)	Equipment/Vessel Status	Residuals/Media	Samples Collected
Piping	LRT/Abscope	Visually cleaned (see Note 2) and returned to owner (off-site)	Not Applicable	Not Applicable
Pumps	LRT/Abscope	Visually cleaned (see Note 2) and returned to owner (off-site)	Not Applicable	Not Applicable
Weir Tank (1)	LRT	Residuals removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe samples collected from three locations on 10/18/2018 (see Note 3)
Weir Tank (2)	LRT	Residuals removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe samples collected from three locations on 10/30/2018 (see Note 3)
Chemical Aided Settling System	LRT	Visually cleaned (see Note 2) and returned to owner (off-site)	Not Applicable	Not Applicable
Clarifier	LRT	Residuals removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe samples collected from three locations on 10/23/2018 (see Note 3)
Clarifier Pump	LRT	Visually cleaned (see Note 2) and returned to owner (off-site)	Not Applicable	Not Applicable
Bag Filtration	LRT	Residuals/bags removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe samples collected from three locations (one in each housing unit) on 10/23/2018 (see Note 3)
Zeolite Vessel	LRT	Residuals removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe sample collected from one location on 10/18/2018 (see Note 3)
Liquid Phase Carbon Vessel (1)	LRT	Residuals removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe sample collected from one location on 10/18/2018 (see Note 3)
Liquid Phase Carbon Vessel (2)	LRT	Residuals removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe sample collected from one location on 10/18/2018 (see Note 3)
Mixed Media Vessel (1)	LRT	Residuals removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe sample collected from one location on 10/18/2018 (see Note 3)
Mixed Media Vessel (2)	LRT	Residuals removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe sample collected from one location on 10/18/2018 (see Note 3)
Cartridge Filtration	LRT	Residuals/cartridges removed, vessel decontaminated (see Note 2), vessel wipe sampled, and returned to owner (off-site).	Disposed offsite - See Note 3	Wipe samples collected from two locations (one in each housing unit) on 10/23/2018 (see Note 3)
Frac Tank (1)	LRT	Visually cleaned (see Note 2) and returned to owner (off-site)	Not Applicable (treated water storage only)	Not Applicable

Component	Owner (see Note 1)	Equipment/Vessel Status	Residuals/Media	Samples Collected
Frac Tank (2)	LRT	Visually cleaned (see Note 2) and returned to owner (off-site)	Not Applicable (treated water storage only)	Not Applicable
Flow Meter/Totalizer	LRT	Visually cleaned (see Note 2) and returned to owner (off-site)	Not Applicable	Not Applicable

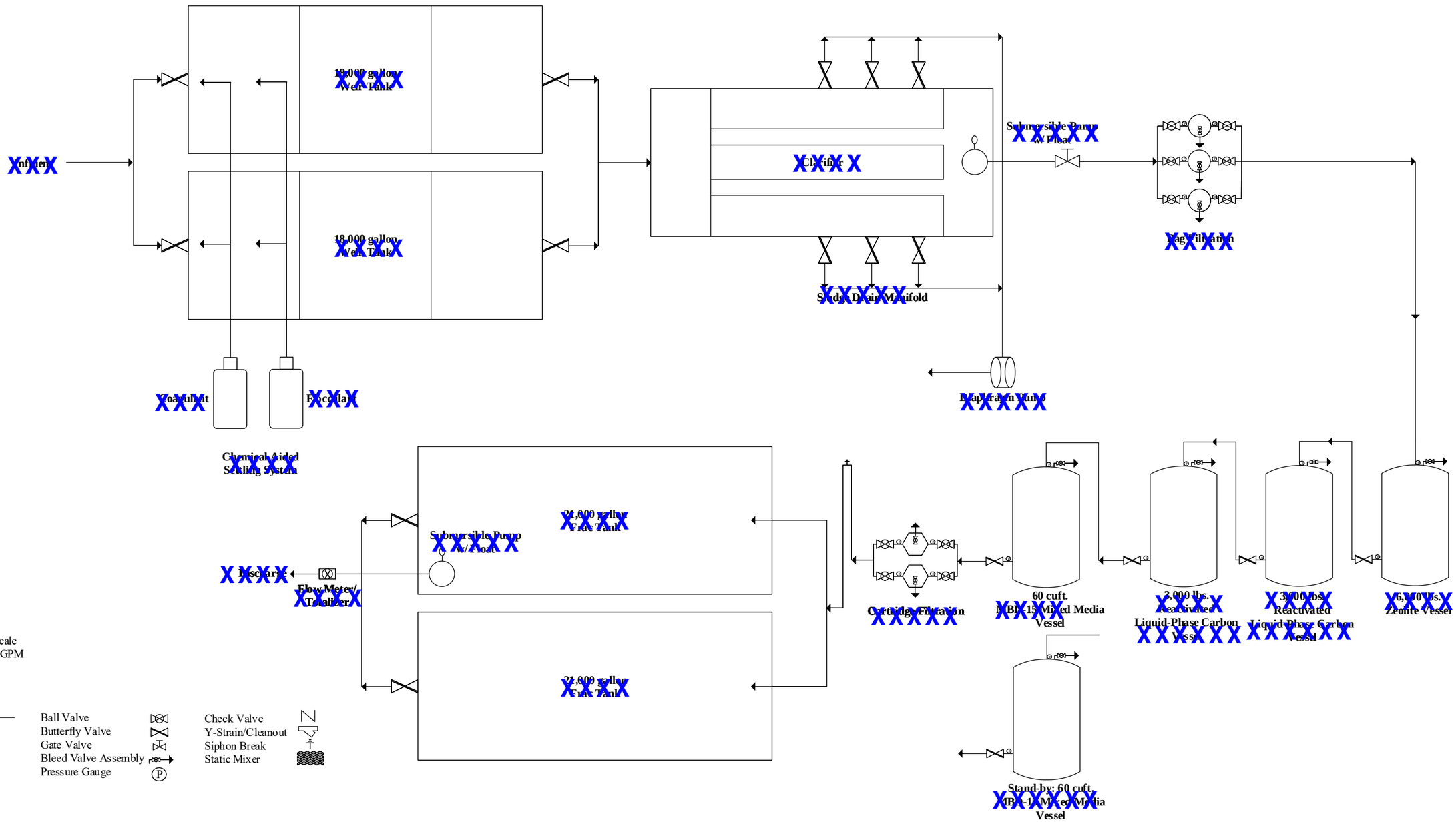
Notes:

1. All equipment and vessels were returned to their appropriate owner. Owners of the equipment/vessels include:
   a. Lockwood Remediation Technology, LLC (LRT) located in Leominster, Massachusetts.
   b. Abscope Environmental, Inc. (Abscope) located in Canastota, New York.
2. Approximately 12,500 gallons of wash water from cleaning and decontamination efforts were collected and transported offsite to Tradebe T&R of Bridgeport, LLC in Bridgeport, Connecticut between October 25 and 26. Copies of completed bills of lading are provided in Attachment C.
3. Solid waste from dismantling of the temporary water treatment system (including residuals, media, and treatment pad stone/liner) were mixed with impacted sediment from remediation activities and disposed off-site at a Seneca Meadows Landfill in Waterloo, New York between November 5 and November 20. Copies of completed bills of lading and weight tickets are provided in Attachment D.
4. Polychlorinated biphenyls were not detected in any of the wipe samples collected; copies of laboratory reports are provided in Attachment E.

ATTACHMENT A

Removal Notes:

1. Base figure taken Contractor submittal 02 73 00-001-C; schematic prepared by Lockwood Remediation Technologies, LLC.
2. All vessels, equipment, and piping removed from the site as denoted by "XXX" of component names. Vessels were decontaminated prior to removal from the site. Residuals and media were disposed off site with remaining site remediation sediments.



Notes:

1. Figure not drawn to scale
2. System rated for 150 GPM

Key:

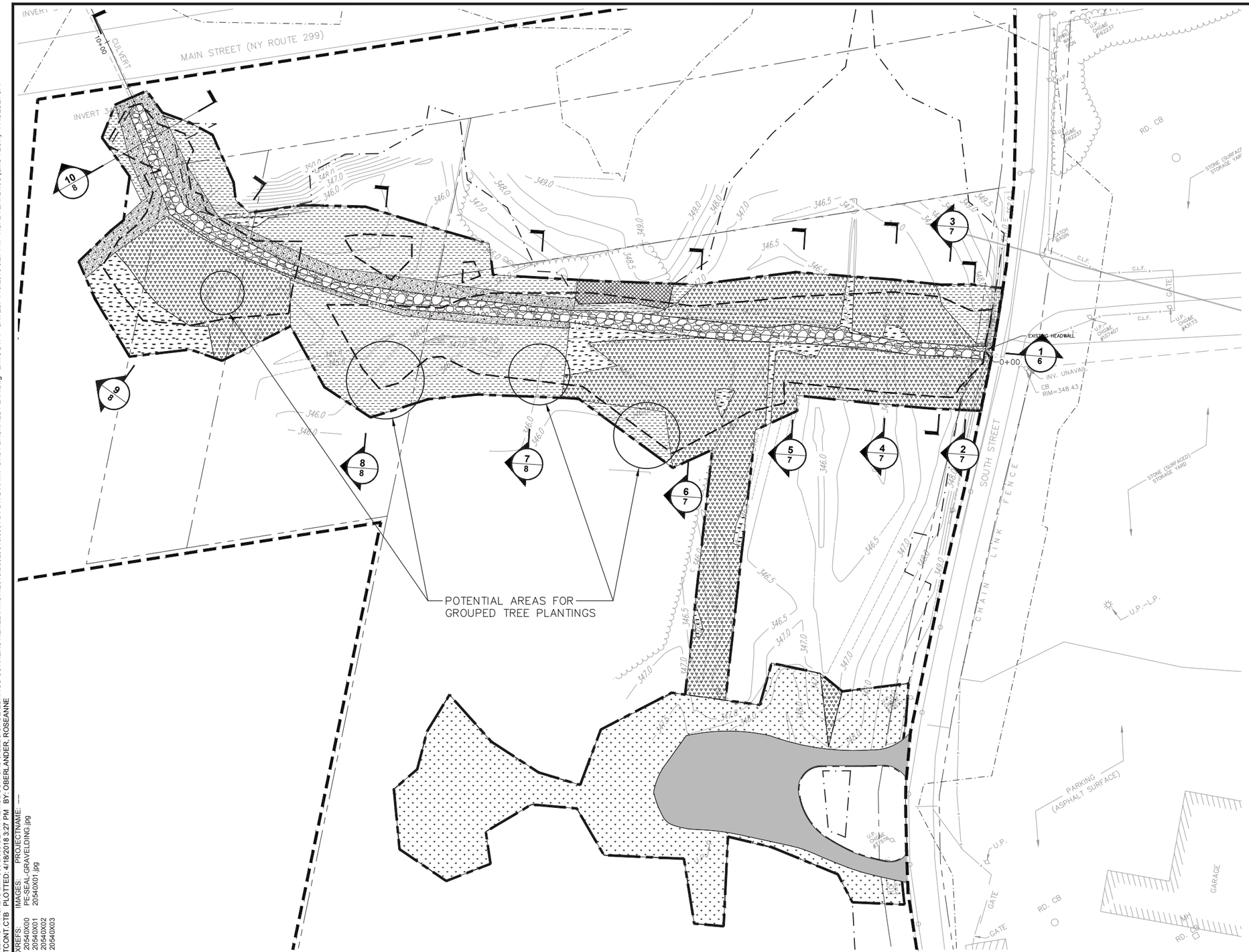
Piping/Hose

Ball Valve		Check Valve	
Butterfly Valve		Y-Strain/Cleanout	
Gate Valve		Siphon Break	
Bleed Valve Assembly		Static Mixer	
Pressure Gauge	P		

Water Treatment System Schematic

Central Hudson Gas & Electric (CHGE) Corporation
Elting's Corner Facility Outfall
Lloyd, New York

ATTACHMENT B



LEGEND:

- SHALLOW EMERGENT WETLAND
- DEEP EMERGENT WETLAND
- FORESTED WETLAND
- UPLAND FOREST
- SCRUB SHRUB WETLAND
- GRAVEL ROAD/LAYDOWN AREA
- UPLAND
- CHANNEL (SEE NOTE 4)
- SEDIMENT REMOVAL AREA (MAXIMUM, SEE NOTE 2)
- PROPERTY BOUNDARY (APPROXIMATE)
- DELINEATED WETLAND BOUNDARY
- 100-FT WETLAND BUFFER
- 347.5 — 2015 TOPOGRAPHIC/PROPOSED FINAL CONTOUR (0.5 FT. INTERVAL)
- SITE BOUNDARY (APPROXIMATE)
- WORK AREA (LIMITS OF POTENTIAL DISTURBANCE)

NOTES:

1. REFER TO EXISTING CONDITIONS DRAWING FOR BASE MAP NOTES AND GENERAL CONDITIONS.
2. RESTORATION LIMITS SUBJECT TO CHANGE BASED ON ACTUAL LIMITS OF DISTURBANCE (E.G., EXCAVATION LIMITS, SUPPORT AREA LIMITS). EXTENT SHOWN HERE IS MAXIMUM ANTICIPATED RESTORATION EXTENT.
3. CONTRACTOR SHALL PERFORM BACKFILL IN THE DRY. ⚠
4. CHANNEL SHALL BE RESTORED AS SHOWN IN DRAWINGS 6 THROUGH 9. CHANNEL BANKS SHALL TIE INTO ADJACENT WETLANDS RESTORED AS CLOSE TO ORIGINAL GRADE AS PRACTICABLE.
5. MICRODEPRESSIONS WILL BE CONSTRUCTED WITHIN THE SHALLOW EMERGENT, FORESTED WETLAND, AND SCRUB-SHRUB WETLAND PLANT COMMUNITIES AT DIRECTION OF WETLAND SCIENTIST. DEPRESSIONS WILL BE ASSOCIATED WITH DEPICTED MOUNDS AS APPROPRIATE. A MINIMUM OF 15 MICRODEPRESSIONS WILL BE CONSTRUCTED.
6. COARSE WOOD (I.E., CUT NATIVE TREES) WILL BE PLACED RANDOMLY THROUGHOUT RESTORED FLOODPLAIN AT DIRECTION OF WETLAND SCIENTIST. A MINIMUM OF 30 LOGS WILL BE LOCATED WITHIN THE RESTORED FLOODPLAIN.
7. AREAS OF POTENTIAL GROUPED TREE PLANTS REFLECT CONDITIONS DOCUMENTED IN THE EXISTING TREE SURVEY. GIVEN RESTORATION OF PONDED AREA, TREE PLANTINGS MAY BE GROUPED AT DISCRETION OF WETLAND SCIENTIST WITHIN THE OVERALL DEFINED PLANTING POLYGON FOR PALUSTRINE WETLANDS TO ADDRESS EXISTING AND/OR ANTICIPATED HYDROLOGIC CONDITIONS. ⚠

TABLE 1. MITIGATION SUMMARY

Habitat Type	Pre-Restoration Condition Area (Acres)	Post-Restoration Condition Area (Acres)
Palustrine Forest Wetland	0.85	1.04
Palustrine Scrub-Shrub Wetland	0.24	0.29
Emergent Wetland (Shallow and Deep)	1.89	1.70 ⚠
Upland Forest	0.07	0.05
Road/Laydown Area	0.39	0.39
Open Water/Channel	0.34	0.31
Upland Transitional Grassland	0.00	1.03 ⚠
Upland Ruderal Herbaceous	1.03	0.00

TABLE 2. EXCAVATION/BACKFILL SUMMARY

HABITAT CLASSIFICATION	WORK AREA (ACRES)	MAXIMUM EXCAVATION AREA (ACRES)	MAXIMUM EXCAVATION / BACKFILL VOLUME (CUBIC YARDS) ⚠
WETLANDS/WATERS	3.32	1.87	6040
UPLAND	1.49	0.03	60
TOTAL	4.81	1.90	6100

Notes:

1. Quantities shown are estimated and subject to change based on results of additional pre-construction sampling performed.
2. Work area includes excavation areas and support areas (e.g., staging/laydown areas, access routes). Detailed breakdown of habitat type in work area is provided in Table 1.

XREFS: IMAGES: PROJECTNAME:
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20540X01 20540X01.jpg
20540X02
20540X03

CITY:SYRACUSE-NY DIV/GROUP-ENVCAD DB: LD: PIC: PM:AKOHLER TM: LYR:(Opt)ON=*;OFF=*REF*
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PLOTSTYLETABLE: PLTCONT.CTB PLOTTED: 4/18/2018 3:27 PM BY: OBERLANDER, ROSEANNE

50' 0 50' 100'
1"=50'
SCALE(S) AS INDICATED

THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING: USE TO VERIFY FIGURE REPRODUCTION SCALE

No.	Date	Revisions	By	Ckd
1	4/2018	INCORPORATED DEC COMMENTS AND ADD UPLAND TO AVAILABLE SUPPORT AREA	AMK	LSK

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME.

Professional Engineer's Name: MARK O. GRAVELDING
Professional Engineer's No.: 069985
State: NY | Date Signed: 4/23/2018 | Project Mgr.: SP
Designed by: AMK | Drawn by: GS | Checked by: LSK

ARCADIS OF NEW YORK, INC.
NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

CHGE ELTING'S CORNERS FACILITY • LLOYD, NEW YORK
REMEDIAL ACTION WORK PLAN

WETLAND BACKFILL AND RESTORATION PLAN

ARCADIS Project No.
B0020540.0001.00005

Date
DECEMBER 2017

ARCADIS
One Lincoln Center
110 West Fayette St., Suite 300
Syracuse, NY 13202
Tel. 315.446.9120

4

ATTACHMENT C

90413722 1861112 1861112

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CTCESQG999999	1	8448738723	1861112

GENERATOR

5. Generator's Name and Mailing Address
CENTRAL HUDSON GAS & ELECTRIC
284 SOUTH AVE
POUGHKEEPSIE,NY 12601-4879
Generator's Phone:

Generator's Site Address (if different than mailing address)
CENTRAL HUDSON GAS & ELECTRIC
21 SOUTH STREET
HIGHLAND,NY 12528

6. Transporter 1 Company Name
TRADEBE TRANSPORTATION, LLC
U.S. EPA ID Number
CTD021816889

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
TRADEBE T&R OF BRIDGEPORT, LLC
50 CROSS STREET
BRIDGEPORT,CT 06610
Facility's Phone: 203-334-1666
U.S. EPA ID Number
CTD002593887

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON DOT / NON RCRA REGULATED MATERIAL	1	TT	5000	G	H135
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
001) ERG 1000195564 SO: 1861112

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

Generator's/Offeror's Printed/Typed Name: Chris DeRoberts
Signature:
Month: 10 Day: 25 Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mark Thompson
Signature:
Month: 10 Day: 25 Year: 18

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

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

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

Printed/Typed Name: Soke Burgos
Signature:
Month: 10 Day: 25 Year: 18

169-BLC-O 6 10498 (Rev. 9/09) DESIGNATED FACILITY TO GENERATOR

90413728 1861113 1861113

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CTCESQG999999	1	8448738723	1861113

GENERATOR

5. Generator's Name and Mailing Address
CENTRAL HUDSON GAS & ELECTRIC
284 SOUTH AVE
POUGHKEEPSIE,NY 12601-4879
Generator's Phone:

Generator's Site Address (if different than mailing address)
CENTRAL HUDSON GAS & ELECTRIC
21 SOUTH STREET
HIGHLAND,NY 12528

6. Transporter 1 Company Name: TRADEBE TRANSPORTATION, LLC — U.S. EPA ID Number: CTD021816889

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
TRADEBE T&R OF BRIDGEPORT, LLC
50 CROSS STREET
BRIDGEPORT,CT 06610 203-334-1666
Facility's Phone:

U.S. EPA ID Number: CTD002593887

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON DOT / NON RCRA REGULATED MATERIAL	1	TT	5000	G	H135
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
001) ERG 1000195564 SO: 1861113

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

Generator's/Offeror's Printed/Typed Name: X Matthew Kroening — Signature: X [signature] — Month 10 Day 25 Year 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Luis Justiniano — Signature: [signature] — Month 10 Day 25 Year 18

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

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

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

Facility's Phone:

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

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

Printed/Typed Name: Steve Burgos — Signature: [signature] — Month 10 Day 25 Year 18

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CTCESQG99999	1	8448738723	1866850

GENERATOR

5. Generator's Name and Mailing Address
CENTRAL HUDSON GAS & ELECTRIC
284 SOUTH AVE
POUGHKEEPSIE,NY 12601-4879
Generator's Phone:

Generator's Site Address (if different than mailing address)
CENTRAL HUDSON GAS & ELECTRIC
21 SOUTH STREET
HIGHLAND,NY 12528

6. Transporter 1 Company Name
TRADEBE TRANSPORTATION, LLC
U.S. EPA ID Number
CTD021816889

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
TRADEBE T&R OF BRIDGEPORT, LLC
50 CROSS STREET
BRIDGEPORT,CT 06610
Facility's Phone: 203-334-1666
U.S. EPA ID Number
CTD002593887

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON DOT / NON RCRA REGULATED MATERIAL	1	TT	2,500	G	4185
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
001) ERG 1000195564 SO: 1866850

TR 28 TA-17

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

Generator's/Offeror's Printed/Typed Name: Chris A Roberts
Signature:
Month: 12 Day: 26 Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: TRUSTPRO Kenneth Leven
Signature:
Month: 12 Day: 26 Year: 18
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Jose Burgos
Signature:
Month: 12 Day: 26 Year: 18

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

ATTACHMENT D

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1181

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # _____
EPA ID # _____ — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 _____ — VEHICLE ID # _____
EPA ID # _____ — TRANS. 2 PHONE _____

DESIGNATED FACILITY SENECA MEADOWS	GENERATOR CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	GENERATOR EPA ID# NYD000705905
ADDRESS 1768 SALCMAN RD	ADDRESS 20 SOUTH STREET
CITY WATERLOO — STATE NY — ZIP 13165	CITY HIGHLAND — STATE NY — ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899		TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

truck Plate - 5 2405 LTE TRAILER - 7BK 26795 DOT # 705946

TIME DEPARTED SHOP _____ TIME ON SITE 1020 TIME LEFT SITE 1045 TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McClusky		
TRANSPORTER 1	TIM VANWORMER		
TRANSPORTER 2			
RECEIVED BY			11/9/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00208787	WE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/09/18	11/09/18	15:14	17:17	RA478	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 98040 LB
Scale 3 Tare Wt. 39640 LB TRUCK EXPIRES / /
Net Weight 58400 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.20	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

30 tons minimum

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1181

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWW.TT TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT CHGE-NWS Rate DATE 11/9/18
CUSTOMER Abscope
JOB / LOCATION Seneca Meadows - Waterloo
CASH C.O.D. CHARGE ON ACCT. Truck # 478

YARDS FILL		ARRIVE PIT	
YARDS CLAY		LEAVE PIT	
30 TONS		DEMURRAGE TIME PIT	
1 HOURS	3:14pm	ARRIVE JOB	
PO # / JOB #	5:17pm	LEAVE JOB	
208787 PIT TICKET #	2	DEMURRAGE TIME JOB	

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts are necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-01

91093

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1182

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # 387/849
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID #
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY SENECA MEADOWS	GENERATOR CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	GENERATOR EPA ID# NYD000705905
ADDRESS 1768 SALCMAN RD	ADDRESS 20 SOUTH STREET
CITY WATERLOO STATE NY ZIP 13165	CITY HIGHLAND STATE NY ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899		TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP ____ TIME ON SITE ____ TIME LEFT SITE 4 TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE ____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Thos DeRoberts		
TRANSPORTER 1			
TRANSPORTER 2			
RECEIVED BY			

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00212737	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/19/18	11/19/18	12:42	16:50	RA387	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 110060 LB
Scale 3 Tare Wt. 38900 LB TRUCK EXPIRES / /
Net Weight 71160 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.58	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1182

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWGT TO BE RECORDED CONTACT CARDINA SOFTWARE (800) 290-6067 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT Ken Lutz DATE 11/19
CUSTOMER Albright
JOB / LOCATION Seneca Meadows Waterloo
CASH C.O.D. CHARGE ON ACCT. Truck # 387

YARDS FILL ARRIVE PIT 12:42
YARDS CLAY LEAVE PIT 4:50pm
35.58 TONS DEMURRAGE TIME PIT
3 HOURS ARRIVE JOB
LEAVE JOB
PO # / JOB # DEMURRAGE TIME JOB
212737 PIT TICKET # 4

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-04

91167

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1303

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Trailer 16321 4
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Truck# B643936
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY				GENERATOR			
SENECA MEADOWS				CENTRAL HUDSON GAS AND ELECTRIC			
FACILITY EPA ID # N/A				GENERATOR EPA ID# NYD000705905			
ADDRESS 1768 SALCMAN RD				ADDRESS 20 SOUTH STREET			
CITY WATERLOO		STATE NY	ZIP 13165	CITY HIGHLAND		STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	37	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Trailer 16321 IC Truck Num. B643936 PO# 705906

TIME DEPARTED SHOP _____ TIME ON SITE 7:10 TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris A. Roberts		11-5-18
TRANSPORTER 1	Stephen Bailey		11-5-18
TRANSPORTER 2			
RECEIVED BY			

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00205910	EE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/05/18	11/05/18	12:03	13:36	RA308	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 117520 LB
Scale 3 Tare Wt. 39540 LB TRUCK EXPIRES / /
Net Weight 77980 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	PPT	TOTAL
38.99	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1303

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WASTE TO BE HANDLED IN CONTACT WITH CAROLINA SOIL/WASTE

SIGNATURE

#39 pickup
#100 pickup
#30 pickup

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT
DATE 11/5/18
CUSTOMER Abscope
JOB / LOCATION Seneca Meadows - Waterloo
CASH C.O.D. CHARGE ON ACCT. Truck # 308

YARDS FILL	ARRIVE PIT		
YARDS CLAY	LEAVE PIT		
38.99 TONS	DEMURRAGE TIME PIT		
3 HOURS	ARRIVE JOB	11:36am	
PO # / JOB #	LEAVE JOB	3:36pm	
205910 PIT TICKET #	DEMURRAGE TIME JOB	4	

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-04

91092

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1304

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck 386
EPA ID # _____ — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 _____ — VEHICLE ID # Truck 848
EPA ID # _____ — TRANS. 2 PHONE _____

DESIGNATED FACILITY				GENERATOR			
SENECA MEADOWS				CENTRAL HUDSON GAS AND ELECTRIC			
FACILITY EPA ID # N/A				GENERATOR EPA ID# NYD000705905			
ADDRESS 1768 SALCMAN RD				ADDRESS 20 SOUTH STREET			
CITY WATERLOO		STATE NY	ZIP 13165	CITY HIGHLAND		STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	36	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Make 24066 TC Truck Plate BL50028 4A-3705 DEC # 705908

TIME DEPARTED SHOP _____ TIME ON SITE 735 TIME LEFT SITE 1042 TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts		11/5/18
TRANSPORTER 1	Jimmy Hurteau		11/5/18
TRANSPORTER 2			
RECEIVED BY			11/5/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

RITE	TICKET	GRID	WEIGHMASTER
01	00205932	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/05/18	11/05/18	12:24	15:19	RA386	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 115140 LB
Scale 3 Tare Wt. 39160 LB TRUCK EXPIRES / /
Net Weight 75980 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
37.99	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1304

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWGTI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

#39 per ton + $30 per hr. + $20 poly

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT Chge-Newfake DATE 11/5/18
CUSTOMER Abscope Env.
JOB / LOCATION Seneca Meadows-Waterloo
CASH C.O.D. CHARGE ON ACCT. Truck # 386

YARDS FILL		ARRIVE PIT	
YARDS CLAY		LEAVE PIT	
37.99 TONS		DEMURRAGE TIME PIT	
2 1/4 HOURS		ARRIVE JOB	11:54am
PO # / JOB #		LEAVE JOB	3:19pm
205932 PIT TICKET #		DEMURRAGE TIME JOB	3 1/4

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-04

91091

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1305

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck - 387
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Trailer 849
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY	GENERATOR
SENECA MEADOWS	CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	GENERATOR EPA ID# NYD000705905
ADDRESS 1768 SALCMAN RD	ADDRESS 20 SOUTH STREET
CITY WATERLOO STATE NY ZIP 13165	CITY HIGHLAND STATE NY ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	37	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 24068 TC Trailer Plate 8SC026 DEC 7057GB

TIME DEPARTED SHOP ____ TIME ON SITE 0815 TIME LEFT SITE 0850 TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris K Roberts		11/5/18
TRANSPORTER 1	Ronny Allen		11/5/18
TRANSPORTER 2			
RECEIVED BY			

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00205979	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	HAUL OFF
11/05/18	11/05/18	13:03	15:37	RA387	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 99060 LB
Scale 3 Tare Wt. 39420 LB TRUCK EXPIRES / /
Net Weight 59640 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
29.82	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

30 tons minimum

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1305

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWGIII TO REORDER CONTACT CAROLINA SOFTWARE (910) 686-6767 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT New Paltz DATE 11/5
CUSTOMER Abscope
JOB / LOCATION Seneca Meadows Waterloo
CASH C.O.D. CHARGE ON ACCT. Truck # 387

YARDS FILL ARRIVE PIT
YARDS CLAY LEAVE PIT
TONS 30 DEMURRAGE TIME PIT
HOURS 1 3/4 ARRIVE JOB 12:47pm
PO # / JOB # LEAVE JOB 3:37pm
PIT TICKET # 205979 DEMURRAGE TIME JOB 2 3/4

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-04

99123

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1306

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — **VEHICLE ID #** Truck 309
EPA ID # _____ — **TRANS. 1 PHONE** 518-673-3617

TRANSPORTER 2 _____ — **VEHICLE ID #** Truck 031
EPA ID # _____ — **TRANS. 2 PHONE** _____

DESIGNATED FACILITY	GENERATOR
SENECA MEADOWS	CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	**GENERATOR EPA ID#** NYD000705905
ADDRESS 1768 SALCMAN RD	**ADDRESS** 20 SOUTH STREET
CITY WATERLOO **STATE** NY **ZIP** 13165	**CITY** HIGHLAND **STATE** NY **ZIP** 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	31.15	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Make 163282TC Truck Plate 49737 VIN 705906

TIME DEPARTED SHOP _____ **TIME ON SITE** 0830 **TIME LEFT SITE** 910 **TIME RETURN TO SHOP** _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts		11/5/18
TRANSPORTER 1			11-5-18
TRANSPORTER 2			
RECEIVED BY			11/5/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00205988	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/05/18	11/05/18	13:13	15:45	RA309	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 102840 LB
Scale 3 Tare Wt. 40540 LB TRUCK EXPIRES / /
Net Weight 62300 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.15	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1306

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TONS REC
CHARGE
CHECK NO

WWW.LL TIEREORDER CONTACT CAROLINA SOFTWARE (910) 790-6767 SIGNATURE _____

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT Seneca DATE 11-5-18
CUSTOMER
JOB / LOCATION
CASH C.O.D. CHARGE ON ACCT. Truck # 305

YARDS FILL
YARDS CLAY
31.15 TONS
1 1/2 HOURS
PO # / JOB #
205988

ARRIVE PIT 1:13pm
LEAVE PIT 3:45pm
DEMURRAGE TIME PIT
ARRIVE JOB
LEAVE JOB 3:45pm
DEMURRAGE TIME JOB 2 1/2
PIT TICKET #

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection proceedings are necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-04

93639

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1307

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck 306
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Truck 030
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY SENECA MEADOWS	GENERATOR CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	GENERATOR EPA ID# NYD000705905
ADDRESS 1768 SALCMAN RD	ADDRESS 20 SOUTH STREET
CITY WATERLOO STATE NY ZIP 13165	CITY HIGHLAND STATE NY ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	35	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Nbr 16321 TC Truck Plate BG43936 Date 705908

TIME DEPARTED SHOP _____ TIME ON SITE 0800 TIME LEFT SITE 0825 TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris DeRoberts		11/6/18
TRANSPORTER 1	Stephen Bailey		11-6-18
TRANSPORTER 2			
RECEIVED BY			11/7/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

DATE	TICKET	GRID	WEIGHMASTER
01	00206623	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/06/18	11/06/18	13:13	15:28	RA308	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 109700 LB
Scale 3 Tare Wt. 39220 LB TRUCK EXPIRES / /
Net Weight 70480 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.24	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1307

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

SIGNATURE _____

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

DATE 11-6-18
CUSTOMER Seneca
JOB / LOCATION Abscope Inc. Waterloo NY. - Highland NY.
O/H&S C.O.D. CHARGE ON ACCT. Truck # 308 030

YARDS FILL 200 ARRIVE PIT
YARDS CLAY 330 LEAVE PIT
35.24 TONS DEMURRAGE TIME PIT
1 1/4 HOURS 1:13 PM ARRIVE JOB
PO # / JOB # 3:28 PM LEAVE JOB
1307 PIT TICKET # 2 1/4 DEMURRAGE TIME JOB

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS Stephen Bailey

FORM # RA-04

91212

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1308

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck 387
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Trailer 849
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY			GENERATOR		
SENECA MEADOWS			CENTRAL HUDSON GAS AND ELECTRIC		
FACILITY EPA ID # N/A			GENERATOR EPA ID# NYD000705905		
ADDRESS 1768 SALCMAN RD			ADDRESS 20 SOUTH STREET		
CITY WATERLOO	STATE NY	ZIP 13165	CITY HIGHLAND	STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	35	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 24068 TC Trailer Plate BL54077 Permit 705908

TIME DEPARTED SHOP ____ TIME ON SITE 0805 TIME LEFT SITE 0835 TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts		11/6/18
TRANSPORTER 1	Ron Allen		11/6/18
TRANSPORTER 2			
RECEIVED BY			11/6/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00206617	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/06/18	11/06/18	13:09	15:33	RA387	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 109660 LB
Scale 3 Tare Wt. 39800 LB TRUCK EXPIRES / /
Net Weight 69860 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.93	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1308

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WASTE TO RECORD IS CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT Newkirks DATE 11/6
CUSTOMER Abscope
JOB / LOCATION Seneca Meadows Seneca
CASH C.O.D. CHARGE ON ACCT. Truck # 387

YARDS FILL
YARDS CLAY
34.93 TONS
1 1/2 HOURS
PO # / JOB # 206617

ARRIVE PIT 1:09pm
LEAVE PIT 3:33pm
DEMURRAGE TIME PIT
ARRIVE JOB 12:56pm
LEAVE JOB 3:33pm
DEMURRAGE TIME JOB 2 1/2

PIT TICKET #

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. No trial by jury is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER SIG./ REMARKS

FORM # RA-04

99124

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1309

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck 386
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Trailer BL 8418
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY				GENERATOR			
SENECA MEADOWS				CENTRAL HUDSON GAS AND ELECTRIC			
FACILITY EPA ID # N/A				GENERATOR EPA ID# NYD000705905			
ADDRESS 1768 SALCMAN RD				ADDRESS 20 SOUTH STREET			
CITY WATERLOO		STATE NY	ZIP 13165	CITY HIGHLAND		STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	34	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate - 24066 TC Trailer Plate - BL 56028 Dot# 70968

TIME DEPARTED SHOP _____ TIME ON SITE 0826 TIME LEFT SITE 0850 TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris DeRobertis		11-6-18
TRANSPORTER 1	Jeremy Hurtuk		11-6-18
TRANSPORTER 2			
RECEIVED BY			11/6/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00206618	EE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/06/18	11/06/18	13:09	15:24	RA386	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 112240 LB
Scale 3 Tare Wt. 39940 LB TRUCK EXPIRES / /
Net Weight 72300 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.15	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1309

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

DATE 11-6-18
CUSTOMER Abscope
JOB / LOCATION Seneca Meadows Landfill
CASH C.O.D. CHARGE ON ACCT. Truck # 386

YARDS FILL ARRIVE PIT
YARDS CLAY LEAVE PIT
36.15 TONS DEMURRAGE TIME PIT
1 1/4 HOURS ARRIVE JOB 1:09 PM
LEAVE JOB 3:24
PO # / JOB # DEMURRAGE TIME JOB
206618 PIT TICKET # 2 1/4

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER SIG. / REMARKS Waiting at Landfill- 1 hr 15 min

FORM # RA-04

94232

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1310

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck - 309
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Trailer 035
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY			GENERATOR		
SENECA MEADOWS			CENTRAL HUDSON GAS AND ELECTRIC		
FACILITY EPA ID # N/A			GENERATOR EPA ID# NYD000705905		
ADDRESS 1768 SALCMAN RD			ADDRESS 20 SOUTH STREET		
CITY WATERLOO	STATE NY	ZIP 13165	CITY HIGHLAND	STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	35	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 16322TC Trailer Plate BG Dot# 705905

TIME DEPARTED SHOP ____ TIME ON SITE 0835 TIME LEFT SITE 0905 TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris DeRoberts		11-6-18
TRANSPORTER 1	Henry Allen Jr		11-6-18
TRANSPORTER 2			
RECEIVED BY			11/6/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE #	TICKET	GRID	WEIGHMASTER
01	00206608	EE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/06/18	11/06/18	12:55	15:15	RA309	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 103240 LB
Scale 3 Tare Wt. 40340 LB TRUCK EXPIRES / /
Net Weight 62900 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
31.45	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1310

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NOWS

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWW.IT TO REORDER CONTACT CAROLINA SOFTWARE (910) 590-0670 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT Mowhawk DATE 11-6-18
CUSTOMER Abscope
JOB / LOCATION Waterloo mill
CASH C.O.D. CHARGE ON ACCT. Truck # 305

YARDS FILL ARRIVE PIT
YARDS CLAY LEAVE PIT
31.45 TONS DEMURRAGE TIME PIT
1 1/4 HOURS ARRIVE JOB 12:55PM
PO # / JOB # LEAVE JOB 3:15PM
206608 PIT TICKET # 2 1/4 DEMURRAGE TIME JOB

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-04

93640

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1311

AEI JOB NO. 18804

NYSDEC 364 Permit No. 4A-370

STRAIGHT BILL OF LADING

TRANSPORTER 1 RON ALLEN TRUCKING
EPA ID # N/A
VEHICLE ID # [illegible]
TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2
EPA ID #
VEHICLE ID #
TRANS. 2 PHONE

DESIGNATED FACILITY				GENERATOR			
SENECA MEADOWS				CENTRAL HUDSON GAS AND ELECTRIC			
FACILITY EPA ID # N/A				GENERATOR EPA ID# NYD000705905			
ADDRESS 1768 SALCMAN RD				ADDRESS 20 SOUTH STREET			
CITY WATERLOO		STATE NY	ZIP 13165	CITY HIGHLAND		STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	36	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 16322 - T Trail. Plate 05W937 Path Trailer

TIME DEPARTED SHOP — **TIME ON SITE** 7:20 **TIME LEFT SITE** 7 AM **TIME RETURN TO SHOP** —

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris A. Roberts		
TRANSPORTER 1			
TRANSPORTER 2			
RECEIVED BY			11/12/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00212685	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/19/18	11/19/18	11:40	14:49	RA309	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 112560 LB
Scale 3 Tare Wt. 40020 LB TRUCK EXPIRES / /
Net Weight 72540 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
36.27	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1311

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WASTE LOG/BORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT
CUSTOMER
JOB / LOCATION
DATE 11-19-18
CASH C.O.D. CHARGE ON ACCT.
Truck # 305

YARDS FILL
YARDS CLAY
TONS 36.27
HOURS 2
PO # / JOB #
PIT TICKET # 212685

ARRIVE PIT 11:40am
LEAVE PIT 12:50pm
DEMURRAGE TIME PIT
ARRIVE JOB
LEAVE JOB
DEMURRAGE TIME JOB 3

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER SIGN. / REMARKS

FORM # RA-04

93642

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1312

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # [illegible]-074
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 _____ VEHICLE ID # [illegible]-932
EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY SENECA MEADOWS	**GENERATOR** CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	**GENERATOR EPA ID#** NYD000705905
ADDRESS 1768 SALCMAN RD	**ADDRESS** 20 SOUTH STREET
CITY WATERLOO **STATE** NY **ZIP** 13165	**CITY** HIGHLAND **STATE** NY **ZIP** 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	36	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 42773PC Trailer Plate - BA36406 DEC 705408 DEC-4A370

TIME DEPARTED SHOP _____ TIME ON SITE _____ TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE [signature]

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts	[signature]	11/8/18
TRANSPORTER 1	Ryan Leatherstock	[signature]	11/8/18
TRANSPORTER 2			
RECEIVED BY		[signature]	11/8/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00208217	WE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/08/18	11/08/18	16:03	16:24	RA079	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 107460 LB
Scale 3 Tare Wt. 38940 LB TRUCK EXPIRES / /
Net Weight 68520 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.26	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1312

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WASTE TECHNOLOGIES CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE [signature]

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1313

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # 386
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID #
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY	GENERATOR
SENECA MEADOWS	CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	GENERATOR EPA ID# NYD000705905
ADDRESS 1768 SALCMAN RD	ADDRESS 20 SOUTH STREET
CITY WATERLOO STATE NY ZIP 13165	CITY HIGHLAND STATE NY ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	37	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Meter 24066 TC Truck Plate [illegible] Dest - NYDEC 4A-370 765868 [illegible]

TIME DEPARTED SHOP [illegible] TIME ON SITE 7:00 TIME LEFT SITE ____ TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE [signature]

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris DeRobertis	[signature]	11/8/18
TRANSPORTER 1	[illegible]	[signature]	
TRANSPORTER 2			
RECEIVED BY		[signature]	11/8/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00207901	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/08/18	11/08/18	11:22	11:48	RA386	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 110940 LB
Scale 3 Tare Wt. 39120 LB TRUCK EXPIRES / /
Net Weight 71820 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
35.91	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1313

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWGTI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6267 SIGNATURE [signature]

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1314

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck 521
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Trailer 587
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY SENECA MEADOWS	**GENERATOR** CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	**GENERATOR EPA ID#** NYD000705905
ADDRESS 1768 SALCMAN RD	**ADDRESS** 20 SOUTH STREET
CITY WATERLOO **STATE** NY **ZIP** 13165	**CITY** HIGHLAND **STATE** NY **ZIP** 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	34	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 70192PC Trailer Plate - BR 34254 Ref # 705202 NYDEC #371-3 [illegible]

TIME DEPARTED SHOP _____ TIME ON SITE 7:20 TIME LEFT SITE 7:[illegible] TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE [signature]

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts	[signature]	11818
TRANSPORTER 1	[illegible]	[signature]	11818
TRANSPORTER 2			
RECEIVED BY		[signature]	11818

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00207921	WE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/08/18	11/08/18	11:40	12:24	RA521	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 80700 LB
Scale 3 Tare Wt. 38980 LB TRUCK EXPIRES / /
Net Weight 41720 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
20.86	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

30 Ton Minimum

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1314

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWW.TI TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE [signature]

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1315

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck 344
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 _____ — VEHICLE ID # Trailer 0932
EPA ID # _____ — TRANS. 2 PHONE _____

DESIGNATED FACILITY				GENERATOR			
SENECA MEADOWS				CENTRAL HUDSON GAS AND ELECTRIC			
FACILITY EPA ID # N/A				GENERATOR EPA ID# NYD000705905			
ADDRESS 1768 SALCMAN RD				ADDRESS 20 SOUTH STREET			
CITY WATERLOO		STATE NY	ZIP 13165	CITY HIGHLAND		STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	35	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Make 1623TC Truck Plate BG43938 DOT # 7065178 NYSDEC 4A-370

TIME DEPARTED SHOP _____ TIME ON SITE 7:32 TIME LEFT SITE 7:05 TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts		11/8/18
TRANSPORTER 1	Andrew Austin		11/8/18
TRANSPORTER 2			
RECEIVED BY			11/8/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

DATE	TICKET	GRID	WEIGHMASTER
01	00208013	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/08/18	11/08/18	13:08	13:43	RA344	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 105140 LB
Scale 3 Tare Wt. 38920 LB TRUCK EXPIRES / /
Net Weight 66220 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
33.11	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1315

HAULER: 9999 VARIOUS HAULERS
ROUTE: A NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW611 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1316

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck 324
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Water 524
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY SENECA MEADOWS	**GENERATOR** CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	**GENERATOR EPA ID#** NYD000705905
ADDRESS 1768 SALCMAN RD	**ADDRESS** 20 SOUTH STREET
CITY WATERLOO **STATE** NY **ZIP** 13165	**CITY** HIGHLAND **STATE** NY **ZIP** 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	38	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate - 70111 PC Trailer Plate: 824611 PO#: 265903 NYDEC 4A370

TIME DEPARTED SHOP ____ TIME ON SITE 1147 TIME LEFT SITE 13[illegible] TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE [signature]

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts	[signature]	11/8/18
TRANSPORTER 1	Ronald Hunter	[signature]	11/8/18
TRANSPORTER 2			
RECEIVED BY		[signature]	11/8/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

RTE	TICKET	GRID	WEIGHMASTER
01	00207998	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/08/18	11/08/18	12:54	13:41	RA524	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 95780 LB
Scale 3 Tare Wt. 39120 LB TRUCK EXPIRES / /
Net Weight 56660 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.33	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

30 tons minimum

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1316

HAULER: 9999 VARIOUS HAULERS
ROUTE: @ NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWGT TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1318

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck 386
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Trailer 845
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY			GENERATOR		
SENECA MEADOWS			CENTRAL HUDSON GAS AND ELECTRIC		
FACILITY EPA ID # N/A			GENERATOR EPA ID# NYD000705905		
ADDRESS 1768 SALCMAN RD			ADDRESS 20 SOUTH STREET		
CITY WATERLOO	STATE NY	ZIP 13165	CITY HIGHLAND	STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	36	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 24066TC Trailer Plate BL30028 DEC 705903 NYDEC-4A370

TIME DEPARTED SHOP _____ TIME ON SITE 645 TIME LEFT SITE _____ TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris DeRoberts		11/9/18
TRANSPORTER 1	Jeremy Hurlburt		11/9/18
TRANSPORTER 2			
RECEIVED BY	Wadhams		11/9/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00208603	WE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/09/18	11/09/18	11:27	13:20	RA386	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 118300 LB
Scale 3 Tare Wt. 39140 LB TRUCK EXPIRES / /
Net Weight 79160 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
39.58	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1318

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWW.TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT Newkirk DATE 11-9-18
CUSTOMER Abscope
JOB / LOCATION Rte 13
C.O.D. CHARGE ON ACCT. Truck # 386
CASH

YARDS FILL — ARRIVE PIT 1:27
YARDS CLAY — LEAVE PIT 1:27
TONS 39.58 — DEMURRAGE TIME PIT
HOURS 3/4 — ARRIVE JOB 11:27am
PO # / JOB # — LEAVE JOB 1:20pm
PIT TICKET # 208603 — DEMURRAGE TIME JOB 1 3/4

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS Gone CA Meadows LF

FORM # RA-04

94233

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1319

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — **VEHICLE ID #** Truck 387
EPA ID # — **TRANS. 1 PHONE** 518-673-3617

TRANSPORTER 2 _____ **VEHICLE ID #** Trailer 949
EPA ID # _____ **TRANS. 2 PHONE** _____

DESIGNATED FACILITY			GENERATOR		
SENECA MEADOWS			CENTRAL HUDSON GAS AND ELECTRIC		
FACILITY EPA ID # N/A			**GENERATOR EPA ID#** NYD000705905		
ADDRESS 1768 SALCMAN RD			**ADDRESS** 20 SOUTH STREET		
CITY WATERLOO	**STATE** NY	**ZIP** 13165	**CITY** HIGHLAND	**STATE** NY	**ZIP** 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	37	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 24068TC Trailer Plate BLS0027 DOT 705908 MDEC 4A370

TIME DEPARTED SHOP _____ **TIME ON SITE** 730 **TIME LEFT SITE** _____ **TIME RETURN TO SHOP** _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris Roberts		11/9/18
TRANSPORTER 1	Donny Cole		11/9/18
TRANSPORTER 2			
RECEIVED BY			

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	DIRECTION	WEIGHMASTER
01	00208666	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/09/18	11/09/18	12:30	14:32	RA387	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 108700 LB
Scale 3 Tare Wt. 39300 LB TRUCK EXPIRES / /
Net Weight 69400 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
34.70	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1319

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WASTE TO BE REMOVED FROM CAROLINA SOLVENT (910) 799-6767 SIGNATURE _____

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT Near Rte 5 DATE 11/9
CUSTOMER Abscope
JOB / LOCATION Seneca Meadows Waterloo
CASH C.O.D. CHARGE ON ACCT. Truck # 387

____ YARDS FILL	ARRIVE PIT		
____ YARDS CLAY	LEAVE PIT		
34.70 TONS	DEMURRAGE TIME PIT		
1 HOURS	ARRIVE JOB	12:30pm	
____ PO # / JOB #	LEAVE JOB	2:30pm	
208666 PIT TICKET #	DEMURRAGE TIME JOB	2	

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer promises to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER SIG./ REMARKS Donald Cole

FORM # RA-04

99125

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1321

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # 344
EPA ID # N/A — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 _____ — VEHICLE ID # _____
EPA ID # _____ — TRANS. 2 PHONE _____

DESIGNATED FACILITY			GENERATOR		
SENECA MEADOWS			CENTRAL HUDSON GAS AND ELECTRIC		
FACILITY EPA ID # N/A			GENERATOR EPA ID# NYD000705905		
ADDRESS 1768 SALCMAN RD			ADDRESS 20 SOUTH STREET		
CITY WATERLOO	STATE NY	ZIP 13165	CITY HIGHLAND	STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	32	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC
LOT # 23,101 L-GASE (BLUE) 16323 TC (GRAY)
TRUCK # 344 TRAILER # NY DEC 4A370 UNIT 032

TIME DEPARTED SHOP 5:30 TIME ON SITE 7:— TIME LEFT SITE 9:30 TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE [signature]

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRobb	[signature]	11/7/18
TRANSPORTER 1	Ron Allen	[signature]	11/7/18
TRANSPORTER 2			
RECEIVED BY		[signature]	11/7/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00207316	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/07/18	11/07/18	13:14	13:51	RA344	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 133300 LB
Scale 3 Tare Wt. 39100 LB TRUCK EXPIRES / /
Net Weight 94200 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
47.10	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1321

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

SIGNATURE [signature]

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWW.TOPSCALESOFTWARE.COM (800) 999-8767

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1323

STRAIGHT BILL OF LADING

AEI JOB NO. 18804

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING
EPA ID # N/A
VEHICLE ID #
TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2
EPA ID #
VEHICLE ID #
TRANS. 2 PHONE

DESIGNATED FACILITY				GENERATOR			
SENECA MEADOWS				CENTRAL HUDSON GAS AND ELECTRIC			
FACILITY EPA ID # N/A				GENERATOR EPA ID# NYD000705905			
ADDRESS 1768 SALCMAN RD				ADDRESS 20 SOUTH STREET			
CITY WATERLOO		STATE NY	ZIP 13165	CITY HIGHLAND		STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899		TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP ____ TIME ON SITE ____ TIME LEFT SITE ____ TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE ____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chas A Roberts		
TRANSPORTER 1			11/7/18
TRANSPORTER 2			
RECEIVED BY			11/7/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00207292	EE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/07/18	11/07/18	12:52	13:32	RA556	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 97420 LB
Scale 3 Tare Wt. 39440 LB TRUCK EXPIRES / /
Net Weight 57980 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.99	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

30 tons per ld. minimum

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1323

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

N/A

SIGNATURE

NET AMOUNT
ENDORSE
CHANGE
CHECK NO.

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1324

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Trk# 324
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID # Trailer# 031
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY	GENERATOR
SENECA MEADOWS	CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	GENERATOR EPA ID# NYD000705905
ADDRESS 1768 SALCMAN RD	ADDRESS 20 SOUTH STREET
CITY WATERLOO STATE NY ZIP 13165	CITY HIGHLAND STATE NY ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	36	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Trail Plate - 11300 TC Trk# 46737 BG DOT # 7589

TIME DEPARTED SHOP ____ TIME ON SITE 1147 TIME LEFT SITE 1221 TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris LaRoche		11-15-18
TRANSPORTER 1			11-15-18
TRANSPORTER 2			
RECEIVED BY			11/15/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00211529	EE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/15/18	11/15/18	12:18	12:51	RA309	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 123300 LB
Scale 3 Tare Wt. 39960 LB TRUCK EXPIRES / /
Net Weight 83340 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
41.67	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1324

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1325

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck # 308
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID #
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY	GENERATOR
SENECA MEADOWS	CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	GENERATOR EPA ID# NYD000705905
ADDRESS 1768 SALCMAN RD	ADDRESS 20 SOUTH STREET
CITY WATERLOO STATE NY ZIP 13165	CITY HIGHLAND STATE NY ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	37	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate - BG43136 Trailer Plate # 30TC DOT # 2AT X 5408

TIME DEPARTED SHOP ____ TIME ON SITE 0725 TIME LEFT SITE 0834 TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris DeRobertis		11-15-18
TRANSPORTER 1	Steven Bailey		11-15-18
TRANSPORTER 2			
RECEIVED BY			

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00211575	WE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/15/18	11/15/18	12:54	15:06	RA308	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 113800 LB
Scale 3 Tare Wt. 39240 LB TRUCK EXPIRES / /
Net Weight 74560 LB LIC# CONTAINER

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.28	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1325

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

WWW.T TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6367 SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

DATE 11-15-18
CUSTOMER Highland
JOB LOCATION Abscope Inc. Seneca Meadows - Waterloo
CASH / C.O.D. / CHARGE / ON ACCT.
Truck # 308-030

YARDS FILL
YARDS CLAY
37.28 TONS
1 1/2 HOURS
PO # / JOB #
1325 PIT TICKET #

ARRIVE PIT 1245 PM
LEAVE PIT 315 PM
DEMURRAGE TIME PIT 2 1/2
ARRIVE JOB
LEAVE JOB
DEMURRAGE TIME JOB

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER SIG. / REMARKS Steven Bailey

FORM # RA-04
91214
Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1326

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # Truck # 387
EPA ID # _____ — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 _____ — VEHICLE ID # Truck # 347
EPA ID # _____ — TRANS. 2 PHONE _____

DESIGNATED FACILITY			GENERATOR		
SENECA MEADOWS			CENTRAL HUDSON GAS AND ELECTRIC		
FACILITY EPA ID # N/A			GENERATOR EPA ID# NYD000705905		
ADDRESS 1768 SALCMAN RD			ADDRESS 20 SOUTH STREET		
CITY WATERLOO	STATE NY	ZIP 13165	CITY HIGHLAND	STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	39	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck Plate 34615BTC Trailer Plate: BL5X827 Doll# 705658

TIME DEPARTED SHOP _____ TIME ON SITE 0936 TIME LEFT SITE 0955 TIME RETURN TO SHOP _____

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts		11-15-18
TRANSPORTER 1	Donny Cole		11/15/18
TRANSPORTER 2			
RECEIVED BY			

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00211609	WE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/15/18	11/15/18	13:28	15:10	RA387	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 114520 LB
Scale 3 Tare Wt. 39720 LB TRUCK EXPIRES / /
Net Weight 74800 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.40	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1326

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT CHGE-New Palts DATE 11/15/18
CUSTOMER Absolute
JOB / LOCATION Seneca Meadows - Water/00
CASH C.O.D. CHARGE ON ACCT. Truck # 387

YARDS FILL ARRIVE PIT
YARDS CLAY LEAVE PIT
37.40 TONS DEMURRAGE TIME PIT
1/2 HOURS ARRIVE JOB 1:28pm
PO # / JOB # LEAVE JOB 3:10pm
211609 PIT TICKET # 1 1/2 DEMURRAGE TIME JOB

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-04

91094

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1327

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # 308 - Truck
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID #
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY			GENERATOR		
SENECA MEADOWS			CENTRAL HUDSON GAS AND ELECTRIC		
FACILITY EPA ID # N/A			GENERATOR EPA ID# NYD000705905		
ADDRESS 1768 SALCMAN RD			ADDRESS 20 SOUTH STREET		
CITY WATERLOO	STATE NY	ZIP 13165	CITY HIGHLAND	STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	35	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

Truck# 308 Truck Pin# 1321 T-DOT - 703428
Trailer# 030 T-Pin# 85437B6 NYDEC #4A370

TIME DEPARTED SHOP ____ TIME ON SITE 1330 TIME LEFT SITE 1400 TIME RETURN TO SHOP ____

CUSTOMER SIGNATURE ____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris McRoberts		11/19/18
TRANSPORTER 1	Stephen Bailey		11/19/18
TRANSPORTER 2			
RECEIVED BY			11/19/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00212709	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/19/18	11/19/18	12:10	14:54	RA308	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 113440 LB
Scale 3 Tare Wt. 39120 LB TRUCK EXPIRES / /
Net Weight 74320 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.16	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1327

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO

WWW.TOPSCALEORDER.COM/TCAROLINASOFTWARE (910) 790-6367 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

DATE 11-19-18
CUSTOMER Seneca
JOB / LOCATION Abscope Inc. Seneca Meadows - Waterloo
ON ACCT. CHARGE C.O.D. CASH
Truck # 308-030

YARDS FILL 1200 ARRIVE PIT
YARDS CLAY 300 LEAVE PIT
37.16 TONS DEMURRAGE TIME PIT
2 HOURS ARRIVE JOB
LEAVE JOB
PO # / JOB # DEMURRAGE TIME JOB
1327 PIT TICKET # 3

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

RECEIVED BY:
DRIVER SIG. / REMARKS Stephen Bailey

FORM # RA-04

91215

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1329

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # 517
EPA ID # — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID #
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY				GENERATOR		
SENECA MEADOWS				CENTRAL HUDSON GAS AND ELECTRIC		
FACILITY EPA ID # N/A				GENERATOR EPA ID# NYD000705905		
ADDRESS 1768 SALCMAN RD				ADDRESS 20 SOUTH STREET		
CITY WATERLOO	STATE NY	ZIP 13165		CITY HIGHLAND	STATE NY	ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT		A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	35	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC

TIME DEPARTED SHOP — TIME ON SITE — TIME LEFT SITE — TIME RETURN TO SHOP —

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris DeRoberts		11/19/18
TRANSPORTER 1	JOE Mayer		11/19/18
TRANSPORTER 2			
RECEIVED BY			11/19/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00212733	WE	Morgan W

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	HULL OFF
11/19/18	11/19/18	12:34	16:47	RA517	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 114840 LB
Scale 3 Tare Wt. 39560 LB TRUCK EXPIRES / /
Net Weight 75280 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
37.64	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1329

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0 NONE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWW.TI (TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6367 SIGNATURE

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT New Palte DATE 11/19/18
CUSTOMER Abscope
JOB / LOCATION New Paltz NY
CASH C.O.D. CHARGE ON ACCT. Truck # 517

YARDS FILL ARRIVE 12:30pm
YARDS CLAY LEAVE 4:45 pm
37.64 TONS DEMURRAGE TIME PIT
HOURS 3 1/4 ARRIVE JOB
LEAVE JOB
PO # / JOB # DEMURRAGE TIME JOB
212733 PIT TICKET # 4 1/4

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER SIG. / REMARKS

FORM # RA-04

91615

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1330

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — VEHICLE ID # 309/031
EPA ID # N/A — TRANS. 1 PHONE 518-673-3617

TRANSPORTER 2 — VEHICLE ID #
EPA ID # — TRANS. 2 PHONE

DESIGNATED FACILITY SENECA MEADOWS	GENERATOR CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	GENERATOR EPA ID# NYD000705905
ADDRESS 1768 SALCMAN RD	ADDRESS 20 SOUTH STREET
CITY WATERLOO STATE NY ZIP 13165	CITY HIGHLAND STATE NY ZIP 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	35	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC
Truck # 309 Plate 16322 TC DOT- 705408
Trailer # 031 Plate B643937 NY-DEC 4A370

TIME DEPARTED SHOP — TIME ON SITE 830 TIME LEFT SITE 915 TIME RETURN TO SHOP —

CUSTOMER SIGNATURE

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris Bullard		11/20/18
TRANSPORTER 1	Henry Allen		
TRANSPORTER 2			
RECEIVED BY			11/20

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00213316	WE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/20/18	11/20/18	12:58	16:59	RA309	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 101480 LB
Scale 3 Tare Wt. 40100 LB TRUCK EXPIRES / /
Net Weight 61380 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
30.69	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1330

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WWW.TICKETBROKER.COM (800) 760-6767

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT 1
DATE 11-20-18
CUSTOMER Abscope
JOB / LOCATION Waterloo Mill
CASH C.O.D. CHARGE ON ACCT. Truck # 309
YARDS FILL Ward ARRIVE PIT 12:58 LEAVE PIT 4:15pm DEMURRAGE TIME PIT
YARDS CLAY 30.69 TONS ARRIVE JOB LEAVE JOB DEMURRAGE TIME JOB
HOURS 3 PO # / JOB # 4
2133/6 PIT TICKET # 93643

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.

RECEIVED BY:
DRIVER
SIG. / REMARKS

FORM # RA-04

Thank You

WHITE - ORIGINAL CANARY - BILLING PINK - CUSTOMER

abscope
environmental, inc.

1 Commercial Dr.
PO Box 487
Canastota, NY 13032
(315) 697-8437
FAX (315) 697-9391

DOCUMENT 1331

AEI JOB NO. 18804

STRAIGHT BILL OF LADING

NYSDEC 364 Permit No. 4A-370

TRANSPORTER 1 RON ALLEN TRUCKING — **VEHICLE ID #** Truck #308 Trailer #030
EPA ID # N/A — **TRANS. 1 PHONE** 518-673-3617

TRANSPORTER 2 _____ — **VEHICLE ID #** _____
EPA ID # _____ — **TRANS. 2 PHONE** _____

DESIGNATED FACILITY SENECA MEADOWS	**GENERATOR** CENTRAL HUDSON GAS AND ELECTRIC
FACILITY EPA ID # N/A	**GENERATOR EPA ID#** NYD000705905
ADDRESS 1768 SALCMAN RD	**ADDRESS** 20 SOUTH STREET
CITY WATERLOO **STATE** NY **ZIP** 13165	**CITY** HIGHLAND **STATE** NY **ZIP** 12528

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DT	—	A. NON-RCRA NON DOT REGULATED SOLIDS NON HAZARDOUS N899	35	TONS
			B.		
			C.		
			D.		
			E.		
			F.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY NUMBER 1-800-424-9300 CHEMTREC
Truck # 308 Plate 1632116 DOT 705908
Trailer # 030 Plate 86 43936 NY-DEC 4A-370

TIME DEPARTED SHOP — **TIME ON SITE** 10:45 **TIME LEFT SITE** 11:15 **TIME RETURN TO SHOP** —

CUSTOMER SIGNATURE _____

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Chris DeRobertis		11/20/18
TRANSPORTER 1	Stephen Daly		11/20/18
TRANSPORTER 2			
RECEIVED BY			11/20/18

WHITE - OFFICE YELLOW - OFFICE PINK - TSDF GOLD - GENERATOR

Seneca Meadows Landfill
1786 Salcman Road
Waterloo, NY 13165

INBOUND CHARGE

000103 ABSCOPE INC
PO BOX 487
CANASTOTA NY 13032

SITE	TICKET	GRID	WEIGHMASTER
01	00213417	WE	KRISTY

DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
11/20/18	11/20/18	15:56	17:14	RA308	

REFERENCE	ORIGIN
18-062	ULSTER

Scale 1 Gross Wt. 95000 LB
Scale 3 Tare Wt. 38900 LB TRUCK EXPIRES / /
Net Weight 56100 LB LIC# CONTAINER

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
28.05	TON	B/R-CONTAM SOIL				
1.00		DEC-ENV FEE				

30 tons minimum

Operating Hours Mon-Fri 6:00am-4:00pm. Sat 6:00am-11:30am.
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
MANIFEST: 1331

HAULER: 9999 VARIOUS HAULERS
ROUTE: 0-NONE

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

Ron Allen TRUCKING
361 East Main Street
CANAJOHARIE, NEW YORK 13317
(518) 673-3617 • FAX (518) 673-3619

PIT Cheesequake DATE 11/20/18
CUSTOMER MBScope
JOB / LOCATION Seneca Meadows - Waterloo
CASH C.O.D. CHARGE ON ACCT. Truck # 308

YARDS FILL — ARRIVE PIT
YARDS CLAY — LEAVE PIT
30 TONS — DEMURRAGE TIME PIT
1/4 HOURS — ARRIVE JOB 3:56 PM
PO # / JOB # — LEAVE JOB 5:15 PM
213417 PIT TICKET # — DEMURRAGE TIME JOB 1 1/4

Terms: 10 days of invoice date. Service charge will be charged at a rate of 1.5% per month on invoices over 30 days. This is an annual rate of 18%. Customer agrees to pay all court costs and attorney fees if collection efforts become necessary. Prompt payment is expected and appreciated. **WE WILL ASSUME NO RESPONSIBILITY FOR DAMAGES WHERE DELIVERY IS MADE INSIDE CURB.**

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DRIVER SIG. / REMARKS:

FORM # RA-04

91095

Thank You

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ATTACHMENT E

Technical Report

prepared for:

ABSCOPE ENVIRONMENTAL, INC.
7086 Commercial Drive
Canastota NY, 13032
Attention: Jon LeMessurier

Report Date: 10/24/2018
Client Project ID: 18804 (Central Hudson)
York Project (SDG) No.: 18J0909

Report Date: 10/24/2018
Client Project ID: 18804 (Central Hudson)
York Project (SDG) No.: 18J0909

ABSCOPE ENVIRONMENTAL, INC.
7086 Commercial Drive
Canastota NY, 13032
Attention: Jon LeMessurier

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 18, 2018 and listed below. The project was identified as your project: **18804 (Central Hudson)**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18J0909-01	CU3K-01-1	Wipe	10/18/2018	10/18/2018
18J0909-02	CU3K-04-2	Wipe	10/18/2018	10/18/2018
18J0909-03	CU3K-08-3	Wipe	10/18/2018	10/18/2018
18J0909-04	CU3K-07-4	Wipe	10/18/2018	10/18/2018
18J0909-05	CU3K-05-5	Wipe	10/18/2018	10/18/2018
18J0909-06	Frack Tank-W 104 Right Side Front	Wipe	10/18/2018	10/18/2018
18J0909-07	Frack Tank-W 104 Bottom	Wipe	10/18/2018	10/18/2018
18J0909-08	Frack Tank-W 104 Back Left Side	Wipe	10/18/2018	10/18/2018

General Notes for York Project (SDG) No.: 18J0909

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 10/24/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: CU3K-01-1 **York Sample ID:** 18J0909-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:03 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:33	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:33	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:33	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:33	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:33	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:33	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:33	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:33	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-120*

Sample Information

Client Sample ID: CU3K-04-2 **York Sample ID:** 18J0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:07 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:46	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:46	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:46	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:46	TJD

Sample Information

Client Sample ID: CU3K-04-2 **York Sample ID:** 18J0909-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:07 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:46	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:46	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:46	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 02:46	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.7 %*	*30-120*

Sample Information

Client Sample ID: CU3K-08-3 **York Sample ID:** 18J0909-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:11 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:00	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:00	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:00	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:00	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:00	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:00	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:00	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:00	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.4 %*	*30-120*

Sample Information

Client Sample ID: **CU3K-08-3** **York Sample ID:** **18J0909-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:11 am	10/18/2018

Polychlorinated Biphenyls (PCB) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.2 %*			*30-120*					

Sample Information

Client Sample ID: **CU3K-07-4** **York Sample ID:** **18J0909-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:14 am	10/18/2018

Polychlorinated Biphenyls (PCB) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:13	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:13	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:13	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:13	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:13	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:13	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:13	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:13	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.7 %*	*30-120*

Sample Information

Client Sample ID: **CU3K-05-5** **York Sample ID:** **18J0909-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:18 am	10/18/2018

Sample Information

Client Sample ID: CU3K-05-5 **York Sample ID:** 18J0909-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:18 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:27	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:27	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:27	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:27	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:27	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:27	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:27	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:27	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.7 %*	*30-120*

Sample Information

Client Sample ID: Frack Tank-W 104 Right Side Front **York Sample ID:** 18J0909-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:27 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:40	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:40	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:40	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:40	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:40	TJD

Sample Information

Client Sample ID: **Frack Tank-W 104 Right Side Front** **York Sample ID:** **18J0909-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:27 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:40	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:40	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:40	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.8 %*	*30-120*

Sample Information

Client Sample ID: **Frack Tank-W 104 Bottom** **York Sample ID:** **18J0909-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:31 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:54	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:54	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:54	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:54	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:54	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:54	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:54	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 03:54	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.8 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.2 %*	*30-120*

Sample Information

Client Sample ID: **Frack Tank-W 104 Back Left Side** **York Sample ID:** **18J0909-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J0909	18804 (Central Hudson)	Wipe	October 18, 2018 9:34 am	10/18/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 04:07	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 04:07	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 04:07	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 04:07	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 04:07	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 04:07	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 04:07	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/22/2018 07:28	10/24/2018 04:07	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.3 %*	*30-120*

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 18J0909

YOUR Information	Report To:	Invoice To:
Company: ABSCOPE ENVIRONMENTAL	Company:	Company:
Address: 7086 COMMERCIAL DR CANASTOTA NY 13032	Address:	Address:
Phone: 315 697 8437	Phone:	Phone:
Contact: JON LEMESSURIER	Contact:	Contact:
E-mail: jlemessurier@abscope.com	E-mail:	E-mail:

YOUR Project Number: 18804

YOUR Project Name: 18804 (CENTRAL HUDSON)

YOUR PO#: 18804

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day X
- RUSH - Four Day
- Standard (5-7 Day) SW

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- NY ASP A Package
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- NJDKQP
- Standard Excel EDD
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDEP SRP HazSite
- Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
CU3K-01-1	OTHER	10-18-18 9:03 AM	PCB	ZIPLOC BAG
CU3K-04-2		10-18-18 9:07 AM		
CU3K-08-3		10-18-18 9:11 AM		
CU3K-07-4		10-18-18 9:14 AM		
CU3K-05-5		10-18-18 9:18 AM		
Frack Tank-W104 Right Side Front		10-18-18 9:27 AM		
Frack Tank-W104 Bottom		10-18-18 9:31 AM		
Frack Tank-W104 Back Left Side		10-18-18 9:34 AM		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Scott Mud	10/18/18-1204	Client	10-18-18 1205	Client	10-18-18 1530
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				7 Gde	10-18-18 1530

Temp. Received at Lab
3.3 Degrees C

Technical Report

prepared for:

ABSCOPE ENVIRONMENTAL, INC.
7086 Commercial Drive
Canastota NY, 13032
Attention: Jon LeMessurier

Report Date: 10/26/2018
Client Project ID: 18804 (Central Hudson)
York Project (SDG) No.: 18J1112

Report Date: 10/26/2018
Client Project ID: 18804 (Central Hudson)
York Project (SDG) No.: 18J1112

ABSCOPE ENVIRONMENTAL, INC.
7086 Commercial Drive
Canastota NY, 13032
Attention: Jon LeMessurier

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 23, 2018 and listed below. The project was identified as your project: **18804 (Central Hudson)**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18J1112-01	CLARIFIER-L	Wipe	10/23/2018	10/23/2018
18J1112-02	CLARIFIER-C	Wipe	10/23/2018	10/23/2018
18J1112-03	CLARIFIER-R	Wipe	10/23/2018	10/23/2018
18J1112-04	CFS-04-A	Wipe	10/23/2018	10/23/2018
18J1112-05	CFS-04-B	Wipe	10/23/2018	10/23/2018
18J1112-06	BFS3-11-L	Wipe	10/23/2018	10/23/2018
18J1112-07	BFS3-11-C	Wipe	10/23/2018	10/23/2018
18J1112-08	BFS3-11-R	Wipe	10/23/2018	10/23/2018

General Notes for York Project (SDG) No.: 18J1112

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 10/26/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: CLARIFIER-L **York Sample ID:** 18J1112-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:00 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:00	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:00	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:00	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:00	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:00	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:00	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:00	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:00	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.6 %*	*30-120*

Sample Information

Client Sample ID: CLARIFIER-C **York Sample ID:** 18J1112-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:05 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:13	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:13	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:13	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:13	TJD

Sample Information

Client Sample ID: CLARIFIER-C **York Sample ID:** 18J1112-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:05 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:13	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:13	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:13	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:13	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*80.6 %*	*30-120*

Sample Information

Client Sample ID: CLARIFIER-R **York Sample ID:** 18J1112-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:10 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:27	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:27	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:27	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:27	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:27	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:27	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:27	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:27	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.7 %*	*30-120*

Sample Information

Client Sample ID: CLARIFIER-R **York Sample ID:** 18J1112-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:10 am	10/23/2018

Polychlorinated Biphenyls (PCB) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.6 %*			*30-120*					

Sample Information

Client Sample ID: CFS-04-A **York Sample ID:** 18J1112-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:15 am	10/23/2018

Polychlorinated Biphenyls (PCB) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:40	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:40	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:40	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:40	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:40	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:40	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:40	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:40	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.2 %*	*30-120*

Sample Information

Client Sample ID: CFS-04-B **York Sample ID:** 18J1112-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:20 am	10/23/2018

Sample Information

Client Sample ID: CFS-04-B **York Sample ID:** 18J1112-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:20 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:53	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:53	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:53	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:53	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:53	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:53	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:53	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 12:53	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.2 %*	*30-120*

Sample Information

Client Sample ID: BFS3-11-L **York Sample ID:** 18J1112-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:25 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:07	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:07	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:07	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:07	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:07	TJD

Sample Information

Client Sample ID: **BFS3-11-L** **York Sample ID:** **18J1112-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:25 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:07	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:07	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:07	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.6 %*	*30-120*

Sample Information

Client Sample ID: **BFS3-11-C** **York Sample ID:** **18J1112-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:30 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:21	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:21	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:21	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:21	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:21	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:21	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:21	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:21	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.1 %*	*30-120*

Sample Information

Client Sample ID: **BFS3-11-R** **York Sample ID:** **18J1112-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1112	18804 (Central Hudson)	Wipe	October 23, 2018 8:35 am	10/23/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:34	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:34	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:34	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:34	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:34	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:34	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:34	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	10/25/2018 07:21	10/26/2018 13:34	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.6 %*	*30-120*

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.: 18J1112

YOUR Information	Report To:	Invoice To:
Company: ABSCOPE ENVIRONMENTAL	Company:	Company:
Address: 708 Commercial DR Canastota NY 13032	Address:	Address:
Phone: 315 697 8437	Phone:	Phone:
Contact: JON LEMESSURIER	Contact:	Contact:
E-mail: jlemessurier@abscope.com	E-mail:	E-mail:

YOUR Project Number: 18804

YOUR Project Name: 18804 (CENTRAL HUDSON)

YOUR PO#: 18804

Turn-Around Time

RUSH - Next Day	X
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
JON LEMESSURIER

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report | QA Report | NY ASP A Package | NY ASP B Package | CT RCP | CT RCP DQA/DUE | NJDEP Reduced Deliverables | NJDKQP | Standard Excel EDD | EQuIS (Standard) | NYSDEC EQuIS | NJDEP SRP HazSite | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
CLARIFIER - L	OTHER	10/23/18 0800	PCBs	BAG
CLARIFIER - C		0805		
CLARIFIER - R		0810		
CFS - 04 - A		0815		
CFS - 04 - B		0820		
BFS 3-11 - L		0825		
BFS 3-11 - C		0830		
BFS 3-11 - R		0835		
		0840 DC		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
ABSCOPE	10/23/18 1245		10-23-18 12:20		10-23-18 1516
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
					10-23-18 1516

Temp. Received at Lab: 20.6 Degrees C

Technical Report

prepared for:

ABSCOPE ENVIRONMENTAL, INC.
7086 Commercial Drive
Canastota NY, 13032
Attention: Jon LeMessurier

Report Date: 11/05/2018
Client Project ID: 18804 (Central Hudson)
York Project (SDG) No.: 18J1403

Report Date: 11/05/2018
Client Project ID: 18804 (Central Hudson)
York Project (SDG) No.: 18J1403

ABSCOPE ENVIRONMENTAL, INC.
7086 Commercial Drive
Canastota NY, 13032
Attention: Jon LeMessurier

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 30, 2018 and listed below. The project was identified as your project: **18804 (Central Hudson)**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
18J1403-01	Frac Tank W118 Left Front Side	Wipe	10/30/2018	10/30/2018
18J1403-02	Frac Tank W118 Middle Bottom	Wipe	10/30/2018	10/30/2018
18J1403-03	Frac Tank W118 Back Right Side	Wipe	10/30/2018	10/30/2018

General Notes for York Project (SDG) No.: 18J1403

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 11/05/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Frac Tank W118 Left Front Side** **York Sample ID:** **18J1403-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1403	18804 (Central Hudson)	Wipe	October 30, 2018 9:35 am	10/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:34	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:34	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:34	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:34	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:34	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:34	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:34	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:34	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*105 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-120*

Sample Information

Client Sample ID: **Frac Tank W118 Middle Bottom** **York Sample ID:** **18J1403-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1403	18804 (Central Hudson)	Wipe	October 30, 2018 9:43 am	10/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:58	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:58	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:58	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:58	TJD

Sample Information

Client Sample ID: **Frac Tank W118 Middle Bottom** **York Sample ID:** **18J1403-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1403	18804 (Central Hudson)	Wipe	October 30, 2018 9:43 am	10/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:58	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:58	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:58	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 07:58	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.2 %*	*30-120*

Sample Information

Client Sample ID: **Frac Tank W118 Back Right Side** **York Sample ID:** **18J1403-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1403	18804 (Central Hudson)	Wipe	October 30, 2018 9:50 am	10/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	* Aroclor 1016	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 08:22	TJD
11104-28-2	* Aroclor 1221	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 08:22	TJD
11141-16-5	* Aroclor 1232	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 08:22	TJD
53469-21-9	* Aroclor 1242	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 08:22	TJD
12672-29-6	* Aroclor 1248	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 08:22	TJD
11097-69-1	* Aroclor 1254	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 08:22	TJD
11096-82-5	* Aroclor 1260	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 08:22	TJD
1336-36-3	* Total PCBs	ND		ug/100cm 2	0.0500	1	EPA 8082A Certifications:	11/01/2018 16:37	11/03/2018 08:22	TJD

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.0 %*	*30-120*

Sample Information

Client Sample ID: **Frac Tank W118 Back Right Side** **York Sample ID:** **18J1403-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18J1403	18804 (Central Hudson)	Wipe	October 30, 2018 9:50 am	10/30/2018

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Preparation of WIPES for PEST/PCB

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.5 %*			*30-120*					

Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 18J1403

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: ABScope Environmental	Company:	Company:
Address: 7086 commercial Dr Canastota NY 13032	Address:	Address:
Phone: 315 697 8437	Phone:	Phone:
Contact: Jon LeMessurier	Contact:	Contact:
E-mail: jlemessurier@abscope.com	E-mail:	E-mail:

YOUR Project Number: 18804

YOUR Project Name: 18804 (Central Hudson)

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	X
RUSH - Four Day	
Standard (5-7 Day)	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report (circled)
QA Report
NY ASP A Package
NY ASP B Package
CT RCP
CT RCP DQA/DUE
NJDEP Reduced Deliverables
NJDKQP
Standard Excel EDD
EQuIS (Standard)
NYSDEC EQuIS
NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
	Other		PCB	Ziplock Bag
Frac Tank W118 Left Front Side		10-30-18 9:35 am		
Frac Tank W118 middle Bottom		10-30-18 9:43 am		
Frac Tank W118 Back Right Side		10-30-18 9:50 am		

Comments:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Office Trailer	10-30-18		10-30-18 12:10		10-30-18 1501
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Temp. Received at Lab
				TC 10/30/18 1501	1.4 Degrees C

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water, Region 3
21 South Putt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3000 I F: (845) 255-3414
www.dec.ny.gov

February 15, 2019

Chris DeRoberts, Environmental Coordinator
Central Hudson Gas & Electric Corporation
284 South Avenue
Poughkeepsie, NY 12601

Re: Closure Inspection
Elting's Corners Wetland Remediation
Town of Lloyd, Ulster County, New York
SPDES Permit No. NY0281123

Dear Mr. DeRoberts:

On February 14, 2019, an inspection of the above referenced facility was performed to verify the implementation of the approved closure plan for the above-referenced facility. Please refer to the attached copy of the site inspection report.

The site inspection indicates that the wastewater treatment system and piping has been removed from the site. Based upon the review of documentation submitted to support the closure plan for the existing Wastewater Treatment Facility (WWTF) and the final site inspection, the requirement of NYCRR Part 750-2.11, Closure Requirements for Wastewater Treatment Facilities, have been satisfied.

In order to terminate the SPDES Permit, please submit a SPDES permit deletion request letter to the Regional Permit Administrator for NYSDEC Region 3 at 21 South Putt Corners Road, New Paltz, New York 12561 and a copy to the Regional Water Engineer at the same address.

If you have questions, please contact me at (845) 256-3162 or by email at ryan.omara@dec.ny.gov.

Very truly yours,

Ryan O'Mara, I.E.
Assistant Engineer

Attachments

cc: Adedayo Adewole, NYSDEC

BWCP - 3 (7/2001) Version 1.0

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF WATER

WASTEWATER FACILITY INSPECTION REPORT - SITE VISIT

Purpose of Inspection: SPDES Permit Closure	DEC Region: 3	Date of Inspection: 2/14/2019
SPDES Number: NY0281123	Facility Name: Elting'sCornersWetlandRemediation	Location (C,T,V): (T) Lloyd
County: Ulster	Name of Inspector: Ryan O'Mara	Type of Industry: Remediation WWTP
Summary Rating: N/A		
Weather Conditions: P. Cloudy//30's		

Rating Codes: **S** = Satisfactory **U** = Unsatisfactory **M** = Marginal **NI** = Not Inspected **NA** = Not Applicable

Comments:

Treatment system consisted of above grade tanks and piping. Date of last discharge from site was indicated to be 9/26/2018.

At time of inspection, the treamtent system and all influent and effluent pipes had been decommissioned and removed from the site.

Signature of Inspector:	Title: Assistant Engineer	Date: 2/14/2019
Name of Facility Representative: Chris DeRoberts	Title: Environmental Coordinator	Date: 2/14/2019

Central Hudson Gas & Electric Corporation
Elting's Corners Wetland Remediation
(T) Lloyd, Ulster County, New York
SPDES Permit No.: NY0281123
Date: 2/14/2019

Photos taken by Permittee



Photo 1: Aerial view of treatment system



Photo 2: WWTP site following removal of treatment system

Photos taken during 2/14/2019 NYSDEC Inspection



Photo 3: WWTP Site as of 2/14/19



Photo 4: Receiving Stream



Photo 5: Outfall Location and Sign

March 1, 2019

John Petronella
Regional Permit Administrator
NYSDEC
21 South Putt Corners Rd
New Paltz, NY 12561

Re: Elting's Water Treatment System SPDES Permit deletion request
SPDES Number: NY0281123

John,

In following up on the Closure Inspection Report dated February 14, 2019 (attached), we are writing to request termination/deletion of SPDES permit NY0281123. The temporary water treatment system and outfall associated with our DER approved wetland remediation project have been removed/closed in accordance with the closure plan requirements in Part 750-2.11. If you need any additional information as you consider this deletion request, please give me a call at (845) 486-5734.

Sincerely,

Chris DeRoberts
Environmental Coordinator

Cc: Adedayo Adewole, DEC
Ryan O'Mara, DEC
Kiera Thompson, DEC
Paul Buist, DEC
Wayne Mancroni, Central Hudson
Amanda Kohler, Arcadis

284 South Avenue
Poughkeepsie, NY 12601
Phone: 845-486-5734
Fax: 845-486-5984
cderoberts@cenhud.com

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 3
21 South Putt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3054 | F: (845) 255-4659
www.dec.ny.gov

April 16, 2019

Chris DeRoberts
Central Hudson Gas & Electric Corp
284 South Ave
Poughkeepsie, NY 12601

Re: Elting's Corners Maintenance Facility
Town of Lloyd, Ulster County
Discontinuance of SPDES Permit 3-5132-00032/00009
SPDES # NY0281123

NOTICE OF PERMIT DISCONTINUANCE

Dear Mr. DeRoberts:

The New York State Department of Environmental Conservation (DEC or Department) received your March 1, 2019 written request to discontinue the above referenced State Pollutant Discharge Elimination System (SPDES) permit originally issued on 07/01/2018 for the PCB remediation, a temporary water treatment system and outfall.

On February 14, 2019 staff from DEC's Division of Water confirmed that there is no activity requiring a SPDES permit occurring at the site. Therefore, effective April 16, 2019, DEC Permit No. 3-5132-00032/00009, SPDES # NY0281123 is hereby discontinued and will no longer be in effect.

Any questions regarding billing and fees should be directed to the Regulatory Fee Determination Unit at 518-402-9343. If you have any additional questions regarding the discontinuance of this permit, do not hesitate to contact Jenn Bissinger at 845 256 3168.

Sincerely,

Rebecca Crist

Ecc: Ryan O'Mara, NYS DEC Division of Water R3
Cheri Jamison, NYS DEC Division of Water (Albany)
Amanda Kohler, Arcadis (Amanda.kohler@arcadis.com)
Town of Lloyd, Town Clerk
Ulster County Dept of Health

From: Chris DeRoberts <CDeRoberts@cenhud.com>
Sent: Monday, May 21, 2018 2:47 PM
To: Jonathan LeMessurier; Justin VanCoughnett
Cc: Kohler, Amanda; Ketcham, Lance; Wayne Mancroni; Mark McLean
Subject: Elting's SWPPP

See below. We are all set for SWPPP coverage and soil disturbing activities once all erosion control is in place.

Chris DeRoberts
Environmental Coordinator
Central Hudson Gas & Electric

-------- Original message --------
From: "Cioffi, Toni (DEC)" <toni.cioffi@dec.ny.gov>
Date: 5/21/18 2:08 PM (GMT-05:00)
To: Chris DeRoberts <CDeRoberts@cenhud.com>
Cc: "Thompson, Kiera A (DEC)" <kiera.thompson@dec.ny.gov>
Subject: RE: Concerning your application: NOI for coverage under Stormwater General Permit for Construction Activity/Submission #: 31D-KEVM-90Q3, version 1

**** THIS IS AN EXTERNAL EMAIL **** Use caution before opening links / attachments. Never supply UserID/PASSWORD information.

Hi,

Because this is for a remediation project, it gets entered into our database for informational purposes only. You will not receive an acknowledgement letter & the owner will not have to pay the regulatory fees.

Thank you,

Toni Cioffi
NYS Department of Environmental Conservation
Division of Water - Bureau of Water Permits
625 Broadway
Albany, NY 12233-3505
518-402-8109

From: Chris DeRoberts [mailto:CDeRoberts@cenhud.com]
Sent: Monday, May 21, 2018 2:00 PM
To: Cioffi, Toni (DEC) <toni.cioffi@dec.ny.gov>

Cc: Thompson, Kiera A (DEC) <kiera.thompson@dec.ny.gov>
Subject: RE: Concerning your application: NOI for coverage under Stormwater General Permit for Construction Activity/Submission #: 31D-KEVM-90Q3, version 1

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

Hi Toni,

I just wanted to check on the status of our NOI acknowledgement letter.

Thanks

Chris DeRoberts
Environmental Coordinator
Central Hudson Gas & Electric

-------- Original message --------
From: "Cioffi, Toni (DEC)" <toni.cioffi@dec.ny.gov>
Date: 5/11/18 1:19 PM (GMT-05:00)
To: Chris DeRoberts <CDeRoberts@cenhud.com>
Subject: RE: Concerning your application: NOI for coverage under Stormwater General Permit for Construction Activity/Submission #: 31D-KEVM-90Q3, version 1

**** THIS IS AN EXTERNAL EMAIL **** Use caution before opening links / attachments. Never supply UserID/PASSWORD information.

Thank you.

From: Chris DeRoberts [mailto:CDeRoberts@cenhud.com]
Sent: Friday, May 11, 2018 12:57 PM
To: Cioffi, Toni (DEC) <toni.cioffi@dec.ny.gov>
Cc: Thompson, Kiera A (DEC) <kiera.thompson@dec.ny.gov>
Subject: RE: Concerning your application: NOI for coverage under Stormwater General Permit for Construction Activity/Submission #: 31D-KEVM-90Q3, version 1

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

Toni,

Yes, this is for the project at Elting's Corners that I have been working with Kiera Thompson on. Let me know if you need anything else.

Chris DeRoberts
Environmental Coordinator
Division of Environmental Affairs
Central Hudson Gas & Electric Corporation
284 South Avenue
Poughkeepsie, NY 12601

Phone: (845) 486-5734
Cell: (845) 389-9319
Fax: (845) 486-5984
email: cderoberts@cenhud.com
*This message contains **confidential information** and is only for the intended recipient. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, please notify the sender immediately by replying to this note and deleting all copies and attachments. Thank you.*

From: Cioffi, Toni (DEC) [mailto:toni.cioffi@dec.ny.gov]
Sent: Friday, May 11, 2018 12:49 PM
To: Chris DeRoberts
Subject: Concerning your application: NOI for coverage under Stormwater General Permit for Construction Activity/Submission #: 31D-KEVM-90Q3, version 1

** THIS IS AN EXTERNAL EMAIL ** Use caution before opening links / attachments. Never supply UserID/PASSWORD information.

Concerning your application NOI for coverage under Stormwater General Permit for Construction Activity:

Is this is a remediation project that our Department required to be done?

Thank you,

Toni Cioffi
NYS Department of Environmental Conservation
Division of Water - Bureau of Water Permits
625 Broadway
Albany, NY 12233-3505
518-402-8109

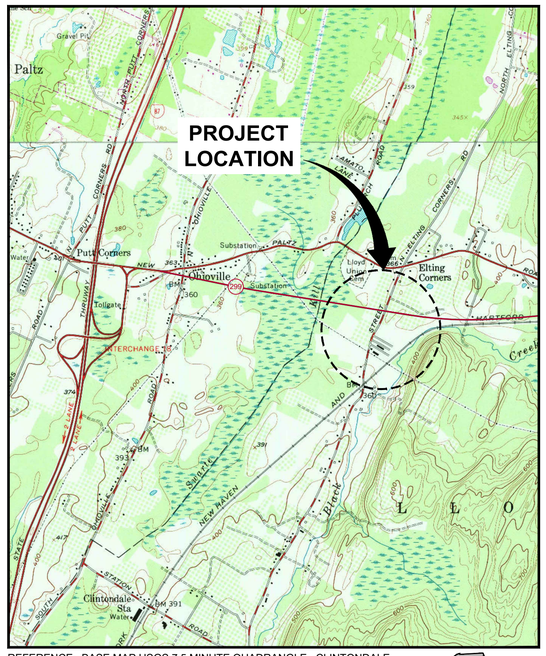
APPENDIX B

Record Drawings

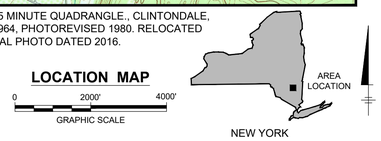
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NY_Rosendale_129226_1964_24000.jpg

RECORD DRAWINGS

FINAL ENGINEERING REPORT



REFERENCE: BASE MAP USGS 7.5 MINUTE QUADRANGLE., CLINTONDALE, NY, 1957, AND ROSENDALE, NY, 1964, PHOTOREVISED 1980. RELOCATED ROUTE 299 DIGITIZED FROM AERIAL PHOTO DATED 2016.



DATE ISSUED
AUGUST 2019

ELTING'S CORNERS FACILITY
CENTRAL HUDSON GAS AND ELECTRIC CORP.
LLOYD, NEW YORK

INDEX TO DRAWINGS

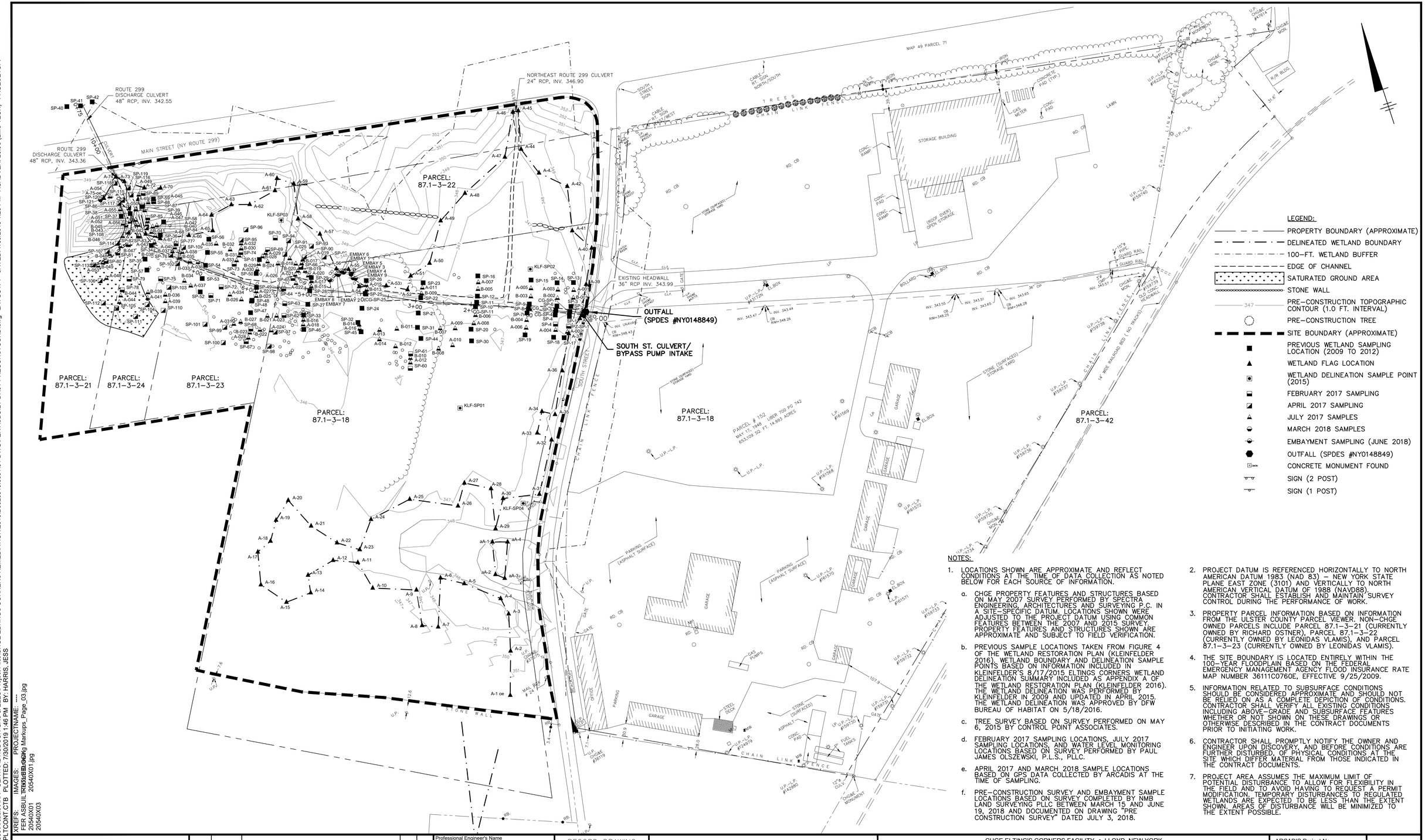
1	PRE-CONSTRUCTION CONDITIONS
2	SITE PREPARATION PLAN
3	SEDIMENT REMOVAL PLAN
4	WETLAND BACKFILL AND RESTORATION PLAN

ARCADIS Design & Consultancy for natural and built assets

ARCADIS OF NEW YORK, INC.

NO ALTERATIONS PERMITTED HEREON EXCEPT AS
PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE
NEW YORK STATE EDUCATION LAW

RECORD DRAWING
This drawing reflects changes from the original contract drawing that were made during construction and have been prepared from information provided to the Engineer by the construction contractor(s)/owner(s). The Engineer does not warrant this drawing to be complete and accurate in all respects.
Date 8/2/2019 By MOG



LEGEND:

- PROPERTY BOUNDARY (APPROXIMATE)
- DELINEATED WETLAND BOUNDARY
- 100-FT. WETLAND BUFFER
- EDGE OF CHANNEL
- SATURATED GROUND AREA
- STONE WALL
- PRE-CONSTRUCTION TOPOGRAPHIC CONTOUR (1.0 FT. INTERVAL)
- PRE-CONSTRUCTION TREE
- SITE BOUNDARY (APPROXIMATE)
- PREVIOUS WETLAND SAMPLING LOCATION (2009 TO 2012)
- WETLAND FLAG LOCATION
- WETLAND DELINEATION SAMPLE POINT (2015)
- FEBRUARY 2017 SAMPLING
- APRIL 2017 SAMPLING
- JULY 2017 SAMPLES
- MARCH 2018 SAMPLES
- EMBAYMENT SAMPLING (JUNE 2018)
- OUTFALL (SPDES #NY0148849)
- CONCRETE MONUMENT FOUND
- SIGN (2 POST)
- SIGN (1 POST)

NOTES:

1. LOCATIONS SHOWN ARE APPROXIMATE AND REFLECT CONDITIONS AT THE TIME OF DATA COLLECTION AS NOTED BELOW FOR EACH SOURCE OF INFORMATION.
   a. CHGE PROPERTY FEATURES AND STRUCTURES BASED ON MAY 2007 SURVEY PERFORMED BY SPECTRA ENGINEERING, ARCHITECTURES AND SURVEYING P.C. IN A SITE-SPECIFIC DATUM. LOCATIONS SHOWN WERE ADJUSTED TO THE PROJECT DATUM USING COMMON FEATURES BETWEEN THE 2007 AND 2015 SURVEY. PROPERTY FEATURES AND STRUCTURES SHOWN ARE APPROXIMATE AND SUBJECT TO FIELD VERIFICATION.
   b. PREVIOUS SAMPLE LOCATIONS TAKEN FROM FIGURE 4 OF THE WETLAND RESTORATION PLAN (KLEINFELDER 2016). WETLAND BOUNDARY AND DELINEATION SAMPLE POINTS BASED ON INFORMATION INCLUDED IN KLEINFELDER'S 8/17/2015 ELTINGS CORNERS WETLAND DELINEATION SUMMARY INCLUDED AS APPENDIX A OF THE WETLAND RESTORATION PLAN (KLEINFELDER 2016). THE WETLAND DELINEATION WAS PERFORMED BY KLEINFELDER IN 2009 AND UPDATED IN APRIL 2015. THE WETLAND DELINEATION WAS APPROVED BY DFW BUREAU OF HABITAT ON 5/18/2016.
   c. TREE SURVEY BASED ON SURVEY PERFORMED ON MAY 6, 2015 BY CONTROL POINT ASSOCIATES.
   d. FEBRUARY 2017 SAMPLING LOCATIONS, JULY 2017 SAMPLING LOCATIONS, AND WATER LEVEL MONITORING LOCATIONS BASED ON SURVEY PERFORMED BY PAUL JAMES OLSZEWSKI, P.L.S., PLLC.
   e. APRIL 2017 AND MARCH 2018 SAMPLE LOCATIONS BASED ON GPS DATA COLLECTED BY ARCADIS AT THE TIME OF SAMPLING.
   f. PRE-CONSTRUCTION SURVEY AND EMBAYMENT SAMPLE LOCATIONS BASED ON SURVEY COMPLETED BY NMB LAND SURVEYING PLLC BETWEEN MARCH 15 AND JUNE 19, 2018 AND DOCUMENTED ON DRAWING "PRE CONSTRUCTION SURVEY" DATED JULY 3, 2018.
2. PROJECT DATUM IS REFERENCED HORIZONTALLY TO NORTH AMERICAN DATUM 1983 (NAD 83) – NEW YORK STATE PLANE EAST ZONE (3101) AND VERTICALLY TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). CONTRACTOR SHALL ESTABLISH AND MAINTAIN SURVEY CONTROL DURING THE PERFORMANCE OF WORK.
3. PROPERTY PARCEL INFORMATION BASED ON INFORMATION FROM THE ULSTER COUNTY PARCEL VIEWER. NON-CHGE OWNED PARCELS INCLUDE PARCEL 87.1-3-21 (CURRENTLY OWNED BY RICHARD OSTNER), PARCEL 87.1-3-22 (CURRENTLY OWNED BY LEONIDAS VLAMIS), AND PARCEL 87.1-3-23 (CURRENTLY OWNED BY LEONIDAS VLAMIS).
4. THE SITE BOUNDARY IS LOCATED ENTIRELY WITHIN THE 100-YEAR FLOODPLAIN BASED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP NUMBER 36111C0760E, EFFECTIVE 9/25/2009.
5. INFORMATION RELATED TO SUBSURFACE CONDITIONS SHOULD BE CONSIDERED APPROXIMATE AND SHOULD NOT BE RELIED ON AS A COMPLETE DEPICTION OF CONDITIONS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS INCLUDING ABOVE-GRADE AND SUBSURFACE FEATURES WHETHER OR NOT SHOWN ON THESE DRAWINGS OR OTHERWISE DESCRIBED IN THE CONTRACT DOCUMENTS PRIOR TO INITIATING WORK.
6. CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER AND ENGINEER UPON DISCOVERY, AND BEFORE CONDITIONS ARE FURTHER DISTURBED, OF PHYSICAL CONDITIONS AT THE SITE WHICH DIFFER MATERIAL FROM THOSE INDICATED IN THE CONTRACT DOCUMENTS.
7. PROJECT AREA ASSUMES THE MAXIMUM LIMIT OF POTENTIAL DISTURBANCE TO ALLOW FOR FLEXIBILITY IN THE FIELD AND TO AVOID HAVING TO REQUEST A PERMIT MODIFICATION. TEMPORARY DISTURBANCES TO REGULATED WETLANDS ARE EXPECTED TO BE LESS THAN THE EXTENT SHOWN. AREAS OF DISTURBANCE WILL BE MINIMIZED TO THE EXTENT POSSIBLE.

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C:\Users\jharris\BIM 360\Acradis\ANA - CENTRAL HUDSON GAS & ELEC\Project Files\CHGE ELTINGS CORNERS REMEDIATION\2019\B0020540.0001\01-DWG\FER ASBUILT-DR01-PRECONSTCOND.dwg LAYOUT: 1 SAVED: 7/30/2019 1:26 PM ACADVER: 23.0S (LMS TECH) PAGESETUP: ----
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20540X01 20540X01.jpg
20540X03

1"=80' SCALE(S) AS INDICATED (80' 0 80' 160')

THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING: USE TO VERIFY FIGURE REPRODUCTION SCALE

No.	Date	Revisions	By	Ckd

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME.

Professional Engineer's Name: **MARK O. GRAVELDING**
Professional Engineer's No.: 069985
State: NY | Date Signed: | Project Mgr.: SP
Designed by: AMK | Drawn by: GS | Checked by: LSK

RECORD DRAWING

This drawing reflects changes from the original contract drawing that were made during construction and have been prepared from information provided to the Engineer by the construction contractor(s)/owner(s). The Engineer does not warrant this drawing to be complete and accurate in all respects.

Date 8/2/2019 By MOG

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ARCADIS OF NEW YORK, INC.

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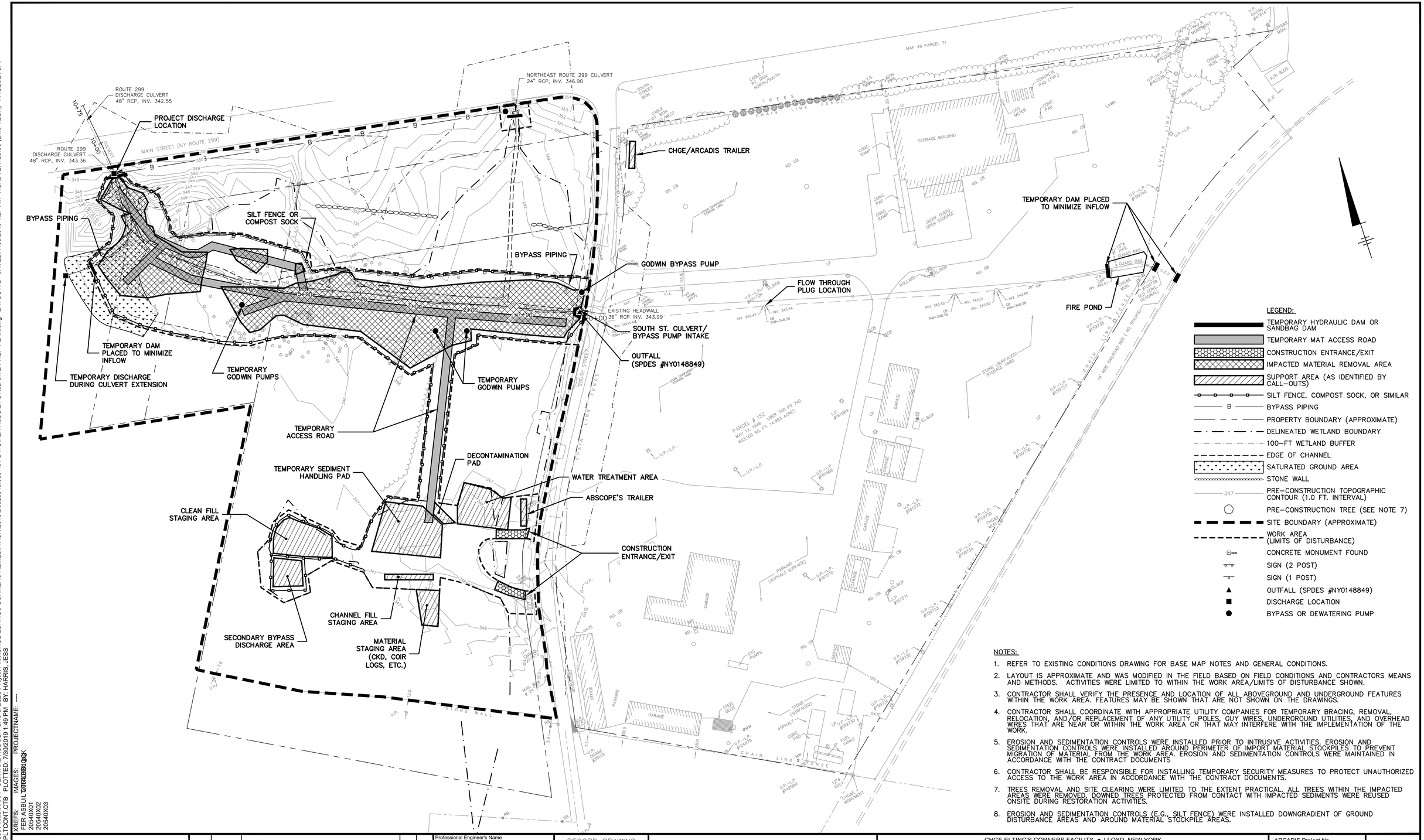
CHGE ELTING'S CORNERS FACILITY • LLOYD, NEW YORK
FINAL ENGINEERING REPORT

PRE-CONSTRUCTION CONDITIONS

ARCADIS Project No. B0020540.0001.00005
Date AUGUST 2019

ARCADIS
One Lincoln Center
110 West Fayette St., Suite 300
Syracuse, NY 13202
Tel. 315.446.9120

1



NOTES:

1. REFER TO EXISTING CONDITIONS DRAWING FOR BASE MAP NOTES AND GENERAL CONDITIONS.
2. LAYOUT IS APPROXIMATE AND WAS MODIFIED IN THE FIELD BASED ON FIELD CONDITIONS AND CONTRACTORS MEANS AND METHODS. ACTIVITIES WERE LIMITED TO WITHIN THE WORK AREA/LIMITS OF DISTURBANCE SHOWN.
3. CONTRACTOR SHALL VERIFY THE PRESENCE AND LOCATION OF ALL ABOVEGROUND AND UNDERGROUND FEATURES WITHIN THE WORK AREA. FEATURES MAY BE SHOWN THAT ARE NOT SHOWN ON THE DRAWINGS.
4. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANIES FOR TEMPORARY BRACING, REMOVAL, RELOCATION, AND/OR REPLACEMENT OF ANY UTILITY POLES, GUY WIRES, UNDERGROUND UTILITIES, AND OVERHEAD WIRES THAT ARE NEAR OR WITHIN THE WORK AREA OR THAT MAY INTERFERE WITH THE IMPLEMENTATION OF THE WORK.
5. EROSION AND SEDIMENTATION CONTROLS WERE INSTALLED PRIOR TO INTRUSIVE ACTIVITIES. EROSION AND SEDIMENTATION CONTROLS WERE INSTALLED AROUND PERIMETER OF IMPORT MATERIAL STOCKPILES TO PREVENT MIGRATION OF MATERIAL FROM THE WORK AREA. EROSION AND SEDIMENTATION CONTROLS WERE MAINTAINED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS
6. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING TEMPORARY SECURITY MEASURES TO PROTECT UNAUTHORIZED ACCESS TO THE WORK AREA IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
7. TREES REMOVAL AND SITE CLEARING WERE LIMITED TO THE EXTENT PRACTICAL. ALL TREES WITHIN THE IMPACTED AREAS WERE REMOVED; DOWNED TREES PROTECTED FROM CONTACT WITH IMPACTED SEDIMENTS WERE REUSED ONSITE DURING RESTORATION ACTIVITIES.
8. EROSION AND SEDIMENTATION CONTROLS (E.G., SILT FENCE) WERE INSTALLED DOWNGRADIENT OF GROUND DISTURBANCE AREAS AND AROUND MATERIAL STOCKPILE AREAS.

CITY:SYRACUSE-NY DIV/GROUP:ENV/CAD DB: LD: PIC: PM:A.KOHLER TM: LYR:(Opt)ON=*;OFF=*REF*
C:\Users\jharris\BIM 360\Arcadis\ANA - CENTRAL HUDSON GAS & ELEC\Project Files\CHGE ELTINGS CORNERS REMEDIATION\2019\B0020540.0001\01-DWG\FER ASBUILT-DR02-SITE-PREP-PLAN.dwg LAYOUT: 2 SAVED: 7/30/2019 1:27 PM ACADVER: 23.0S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: PLTCONT.CTB PLOTTED: 7/30/2019 1:49 PM BY: HARRIS, JESS
XREFS: IMAGES: PROJECTNAME: ----
FER ASBUILT-DR02-SITE-PREP-PLAN-BASE.dwg
20540X01
20540X02
20540X03

80' 0 80' 160'
1"=80'
SCALE(S) AS INDICATED

THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING: USE TO VERIFY FIGURE REPRODUCTION SCALE

No.	Date	Revisions	By	Ckd

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME.

Professional Engineer's Name: **MARK O. GRAVELDING**
Professional Engineer's No.: 069985
State: NY | Date Signed: | Project Mgr.: SP
Designed by: AMK | Drawn by: GS | Checked by: LSK

RECORD DRAWING
This drawing reflects changes from the original contract drawing that were made during construction and have been prepared from information provided to the Engineer by the construction contractor(s)/owner(s). The Engineer does not warrant this drawing to be complete and accurate in all respects.
Date 8/2/2019 By MOG

ARCADIS | Design & Consultancy for natural and built assets
ARCADIS OF NEW YORK, INC.
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CHGE ELTING'S CORNERS FACILITY • LLOYD, NEW YORK
FINAL ENGINEERING REPORT

SITE PREPARATION PLAN

ARCADIS Project No.
B0020540.0001.00005
Date
AUGUST 2019

ARCADIS
One Lincoln Center
110 West Fayette St., Suite 300
Syracuse, NY 13202
Tel. 315.446.9120

2



LEGEND:

- IMPACTED SEDIMENT REMOVAL AREA
- 4.0 IMPACTED SEDIMENT REMOVAL DEPTH
- D REMOVAL CELL ID
- EXCAVATE AS NEEDED FOR CHANNEL RESTORATION
- PROPERTY BOUNDARY (APPROXIMATE)
- DELINEATED WETLAND BOUNDARY
- 100-FT WETLAND BUFFER
- STONE WALL
- 345 POST-EXCAVATION TOPOGRAPHIC CONTOUR (1.0 FT. INTERVAL)
- SITE BOUNDARY (APPROXIMATE)
- WORK AREA (LIMITS OF DISTURBANCE)
- PREVIOUS WETLAND SAMPLING
- WETLAND SAMPLING
- FEBRUARY 2017 SAMPLING
- APRIL 2017 SAMPLING
- JULY 2017 SAMPLES
- MARCH 2018 SAMPLE
- EMBAYMENT SAMPLING (JUNE 2018)
- POST-INUNDATION REMOVAL (VISUAL CONFIRMATION)

NOTES:

1. REFER TO EXISTING CONDITIONS DRAWING FOR BASE MAP NOTES AND GENERAL CONDITIONS.
2. POST-CONSTRUCTION TOPOGRAPHIC CONTOURS BASED ON SURVEY PERFORMED BY NMB LAND SURVEYING PLLC BETWEEN AUGUST 6 AND SEPTEMBER 5, 2018 AND DOCUMENTED IN THE DRAWING TITLED "BOTTOM OF EXCAVATION SURVEY".

CITY:SYRACUSE-NY DIV/GROUP:ENVCAD DB: LD: PIC: PM:A.KOHLER TM: LYR:(Opt)ON=*;OFF=*REF*
C:\Users\jharris\BIM 360\Arcadis\ANA - CENTRAL HUDSON GAS & ELEC\Project Files\CHGE ELTINGS CORNERS REMEDIATION\2019\B0020540.0001\01-DWG\FER ASBUILT-DR03-SEDIMENT-REMOVAL.dwg LAYOUT: 3 SAVED: 1/28/2019 9:14 AM ACADVER: 23.0S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: PLTCONT.CTB PLOTTED: 7/30/2019 1:44 PM BY: HARRIS, JESS
XREFS: IMAGES: PROJECTNAME: ----
FER ASBUILT-DR03-SEDIMENT-REMOVAL
20540X01
20540X02
20540X03

40' 0 40' 80'
1"=40'
SCALE(S) AS INDICATED

THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING: USE TO VERIFY FIGURE REPRODUCTION SCALE

No.	Date	Revisions	By	Cko

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME.

Professional Engineer's Name: MARK O. GRAVELDING
Professional Engineer's No.: 069985

State	Date Signed	Project Mgr.
NY		SP
Designed by: AMK	Drawn by: GS	Checked by: LSK

RECORD DRAWING
This drawing reflects changes from the original contract drawing that were made during construction and have been prepared from information provided to the Engineer by the construction contractor(s)/owner(s). The Engineer does not warrant this drawing to be complete and accurate in all respects.
Date 8/2/2019 By MOG

ARCADIS Design & Consultancy for natural and built assets
ARCADIS OF NEW YORK, INC.

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

CHGE ELTING'S CORNERS FACILITY • LLOYD, NEW YORK
FINAL ENGINEERING REPORT

SEDIMENT REMOVAL PLAN

ARCADIS Project No.
B0020540.0001.00005

Date
AUGUST 2019

ARCADIS
One Lincoln Center
110 West Fayette St., Suite 300
Syracuse, NY 13202
Tel. 315.446.9120

3



LEGEND:

- SHALLOW EMERGENT WETLAND
- DEEP EMERGENT WETLAND
- FORESTED WETLAND
- UPLAND FOREST
- SCRUB SHRUB WETLAND
- GRAVEL ROAD/LAYDOWN AREA
- UPLAND
- CHANNEL
- RIP RAP
- AREA FILLED BY DOT
- COIR LOGS
- SEDIMENT REMOVAL AREA
- PROPERTY BOUNDARY (APPROXIMATE)
- DELINEATED WETLAND BOUNDARY
- 100-FT WETLAND BUFFER
- EDGE OF CHANNEL
- BOULDERS OR STONE WALL
- 347 RESTORED GRADE TOPOGRAPHIC CONTOUR (1.0 FT. INTERVAL)
- SITE BOUNDARY (APPROXIMATE)
- WORK AREA (LIMITS OF DISTURBANCE)

NOTES:

1. REFER TO EXISTING CONDITIONS DRAWING FOR BASE MAP NOTES AND GENERAL CONDITIONS.
2. MICRODEPRESSIONS WERE CONSTRUCTED AT DIRECTION OF WETLAND SCIENTIST. A TOTAL OF SEVEN (7) MICODEPRESSIONS WERE CONSTRUCTED AND 5 ADDITIONAL LOW LYING AREAS ARE FUNCTIONING AS MICRODEPRESSIONS.
3. COARSE WOOD (I.E., CUT NATIVE TREES) WERE PLACED RANDOMLY THROUGHOUT RESTORED FLOODPLAIN.

Table 1. Installed Woody Species

Species	Installed 2018	Winter Loss	Installed 2019	Live Plants At 2019 Planting	Notes
Container Species					
Acer rubrum	55	2	2	55	Installed in forested areas
Platanus occidentalis	54	1	2	55	Installed in forested areas
Populus deltoides	50	0	5	55	Installed in forested areas
Acer negundo	42	0	2	44	Installed in forested areas
Quercus bicolor	55	0	0	55	Installed in forested areas
Cornus amomum	80	14	18	84	Installed in forested and scrub-shrub areas
Vaccinium corymbosum	51	2	6	55	Installed in forested areas
Viburnum dentatum	84	6	6	84	Installed in forested and scrub-shrub areas
Ilex verticillata	26	0	29	55	Installed in forested areas
Celtis occidentalis	39	0	0	39	Installed in forested areas
Salix nigra	42	12	14	44	Installed in scrub-shrub areas
Cornus sericea	44	12	12	44	Installed in scrub-shrub areas
Alnus incana	25	5	9	29	Installed in scrub-shrub areas
Quercus palustris	54	3	4	55	Installed in forested areas
B&B Species					
Acer rubrum	28	0	0	28	Installed in forested areas
Platanus occidentalis	33	0	0	33	Installed in forested areas
Quercus bicolor	28	0	0	28	Installed in forested areas

Note: Based on counts and documentation provided by wetland plant installer.

CITY:SYRACUSE-NY DIV/GROUP:ENVCAD DB: LD: PIC: PM:A.KOHLER TM: LYR:(Opt)ON=*;OFF=*REF*
C:\Users\jharris\BIM 360\Arcadis\ANA - CENTRAL HUDSON GAS & ELEC\Project Files\CHGE ELTINGS CORNERS REMEDIATION\2019\B0020540.0001\01-DWG\FER ASBUILT-DR04-BACKFILL-PLAN.dwg LAYOUT: 4 SAVED: 1/29/2019 5:30 PM ACADVER: 23.0S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: PLTCONT.CTB PLOTTED: 7/30/2019 1:59 PM BY: HARRIS, JESS
XREFS: IMAGES: PROJECTNAME: ----
FER ASBUILT-DR03-BASE.dwg
20540X01
20540X02
20540X03

1"=50' SCALE(S) AS INDICATED (50' 0 50' 100')

THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING: USE TO VERIFY FIGURE REPRODUCTION SCALE

No.	Date	Revisions	By	Ckd

THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REUSED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME.

Professional Engineer's Name: **MARK O. GRAVELDING**
Professional Engineer's No.: 069985
State: NY | Date Signed: | Project Mgr.: SP
Designed by: AMK | Drawn by: GS | Checked by: LSK

RECORD DRAWING
This drawing reflects changes from the original contract drawing that were made during construction and have been prepared from information provided to the Engineer by the construction contractor(s)/owner(s). The Engineer does not warrant this drawing to be complete and accurate in all respects.
Date 8/2/2019 By MOG

ARCADIS Design & Consultancy for natural and built assets
ARCADIS OF NEW YORK, INC.

NO ALTERATIONS PERMITTED HEREON EXCEPT AS PROVIDED UNDER SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW

CHGE ELTING'S CORNERS FACILITY • LLOYD, NEW YORK
FINAL ENGINEERING REPORT

WETLAND BACKFILL AND RESTORATION PLAN

ARCADIS Project No. B0020540.0001.00005
Date AUGUST 2019

ARCADIS
One Lincoln Center
110 West Fayette St., Suite 300
Syracuse, NY 13202
Tel. 315.446.9120

4

APPENDIX C

Surveyor As-Builts





SITE LOCATION MAP

N.T.S.

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A MARCH 15 THROUGH JUNE 19, 2018 FIELD SURVEY.
2. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
3. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHERWISE THAT MAY AFFECT THE PREMISES SHOWN, IF ANY.
4. UNDERGROUND UTILITIES SHOWN HERON ARE APPROXIMATE AND BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION. UTILITIES SHOWN DO NOT IMPLY TO CONSTITUTE OR REPRESENT ALL UTILITIES UPON OR ADJACENT TO THE SURVEYED AREA. OTHER UTILITIES MAY EXIST, IF ANY.
5. THE HORIZONTAL DATUM USED FOR THIS SURVEY IS NAD83 – NEW YORK STATE PLANE EAST ZONE (3101).
6. THE VERTICAL DATUM USED FOR THIS SURVEY IS NAVD88.
7. PORTIONS OF THE SURVEY WAS PERFORMED UNDER ICE AND SNOW CONDITIONS. OTHER FEATURES MAY EXIST.

MAP REFERENCES

1. MAP ENTITLED "REMEDIAL ACTION WORK PLAN", DATED DECEMBER 2017 AND PREPARED BY ARCADIS OF NEW YORK INC.

LEGEND:

- CMON — CONCRETE MONUMENT FOUND
- SIGN (2 POST)
- SIGN (1 POST)
- UTILITY POLE
- OH — OVERHEAD UTILITY LINE
- PROPERTY LINE
- EDGE OF STREAM
- 350 — MAJOR CONTOUR
- 349 — MINOR CONTOUR
- 347.1 — SPOT ELEVATIONS
- D — DRAINAGE MANHOLE
- SATURATED GROUND AREA
- EMBAY 5 — TEST PIT LOCATION

0 60 120 Feet

NMB
LAND SURVEYING
PLLC
20 TROY AVE. WYNANTSKILL NY, 12198
518-376-4630

REVISIONS			
NO.	DATE	DESCRIPTION	BY

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY MAP IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S EMBOSSED SEAL AND SIGNATURE IN RED SHALL NOT BE CONSIDERED TO BE VALID COPIES. CERTIFICATES INDICATED OR IMPLIED HEREON SHALL RUN ONLY TO THE PARTY FOR WHOM THE SURVEY IS PREPARED, AND ON THEIR BEHALF TO THE ADDITIONAL PARTIES LISTED HEREON. CERTIFICATES ARE NOT TRANSFERABLE TO ADDITIONAL PARTIES, OR SUBSEQUENT OWNERS, NOT LISTED HEREON.

STATE OF NEW YORK — NATHAN M. BURROWS — 050724 — LICENSED LAND SURVEYOR

NATHAN M. BURROWS L.S.
NEW YORK LIC. No. 50,724

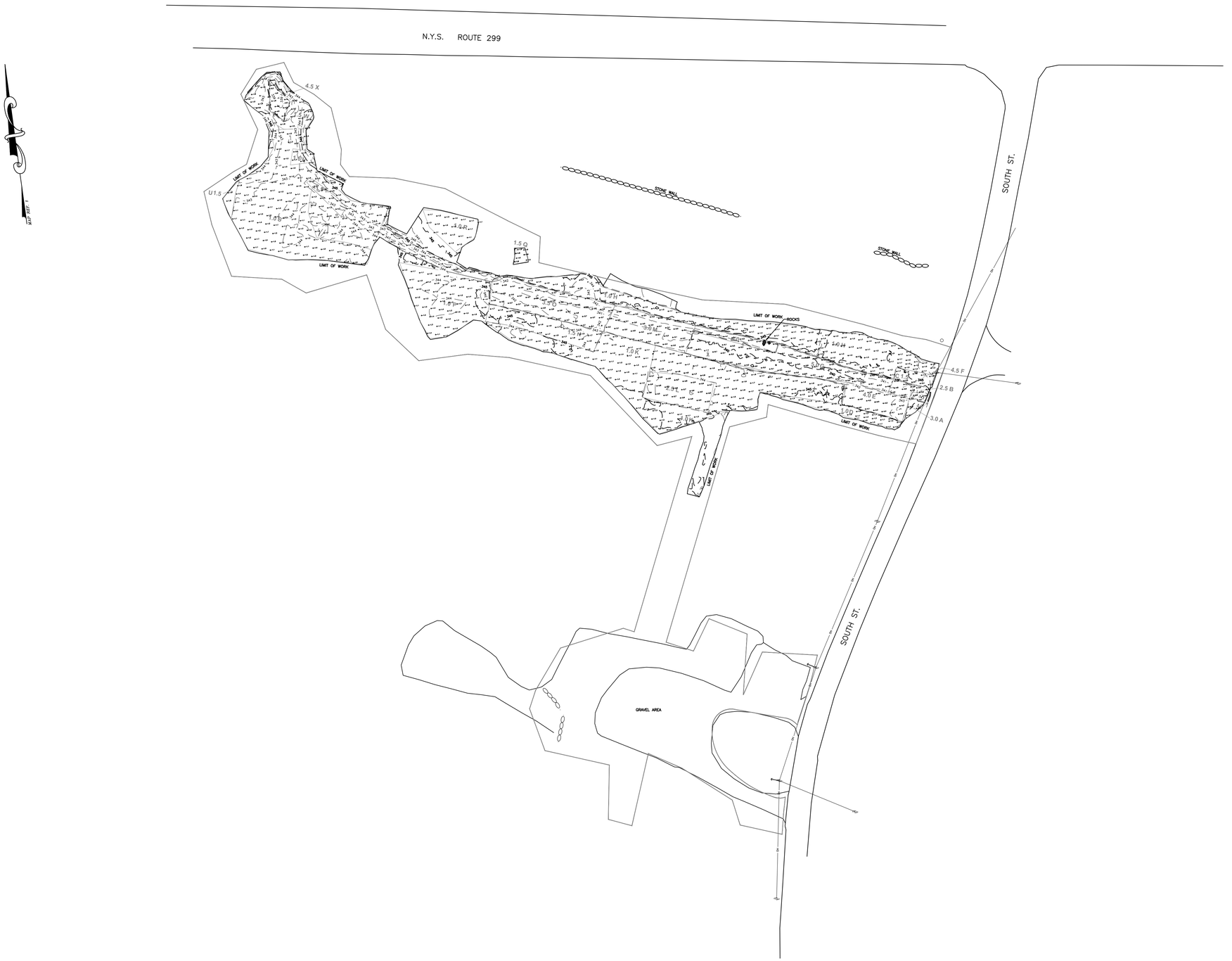
PRE CONSTRUCTION SURVEY

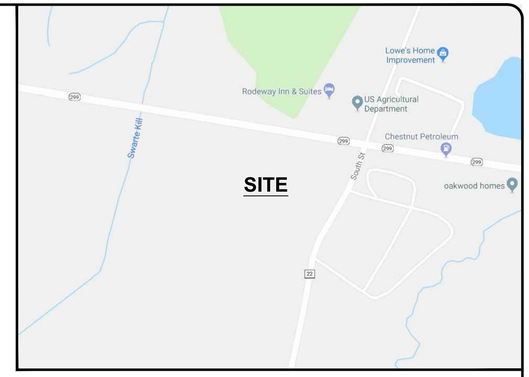
REMEDIAL ACTION WORK PLAN
ELTING'S CORNER FACILITY
CENTRAL HUDSON GAS & ELECTRIC

TOWN OF LLOYD

COUNTY OF ULSTER — STATE OF NEW YORK

SURVEYED BY: AJK	CHECKED BY: NMB	DATE: 7/3/2018
DRAWN BY: AJK	JOB No. 2455	DWG No.: PRE CONSTRUCTION
SCALE: 1"=60'	SHEET 1 OF 1	





SITE LOCATION MAP

N.T.S.

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A AUGUST 6 THROUGH SEPTEMBER 5, 2018 FIELD SURVEY.
2. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
3. THE HORIZONTAL DATUM USED FOR THIS SURVEY IS NAD83 – NEW YORK STATE PLANE EAST ZONE (3101).
4. THE VERTICAL DATUM USED FOR THIS SURVEY IS NAVD88.

MAP REFERENCES

1. MAP ENTITLED "REMEDIAL ACTION WORK PLAN", DATED DECEMBER 2017 AND PREPARED BY ARCADIS OF NEW YORK INC.

LEGEND:

- SIGN (1 POST)
- UTILITY POLE
- OH — OVERHEAD UTILITY LINE
- 350 — MAJOR CONTOUR
- 349 — MINOR CONTOUR
- 2.1 — GROUND SPOT DEPTHS
- COIR LOGS
- CHANNEL STONE
- RIP RAP

0 60 120 Feet

NMB
LAND SURVEYING
PLLC
20 TROY AVE. WYNANTSKILL NY, 12198
518-376-4630

NO.	DATE	REVISIONS DESCRIPTION	BY

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STATE OF NEW YORK — NATHAN M. BURROWS — 050724 — LICENSED LAND SURVEYOR

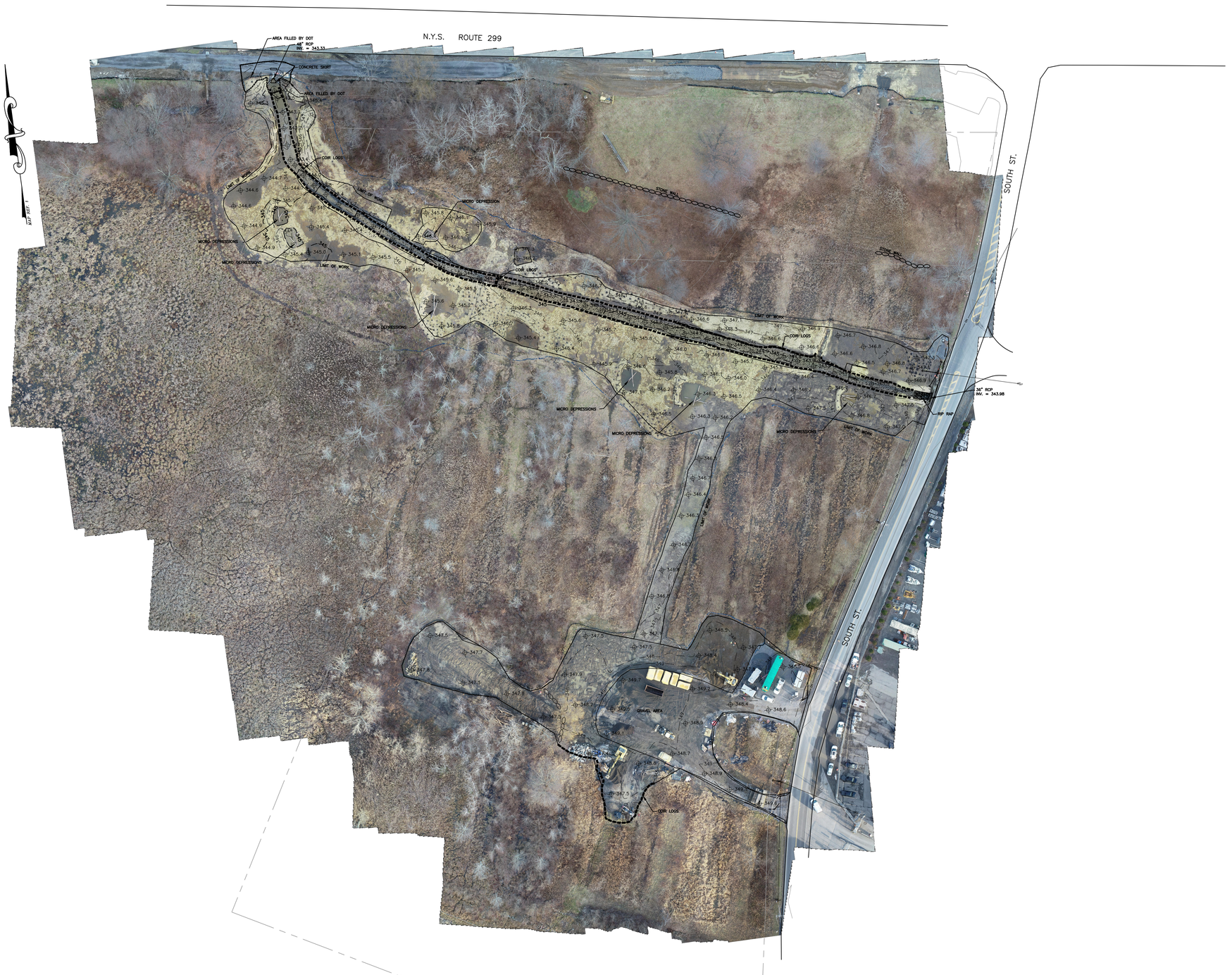
NATHAN M. BURROWS L.S.
NEW YORK LIC. No. 50,724

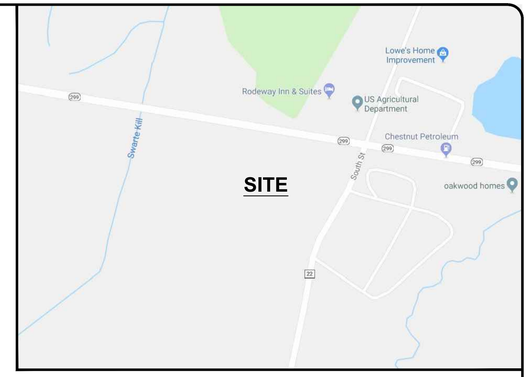
BOTTOM OF EXCAVATION SURVEY

REMEDIAL ACTION WORK PLAN
ELTING'S CORNER FACILITY
CENTRAL HUDSON GAS & ELECTRIC

TOWN OF LLOYD
COUNTY OF ULSTER
STATE OF NEW YORK

SURVEYED BY: AJK	CHECKED BY: NMB	DATE: 1/10/2019
DRAWN BY: AJK	JOB No. 2455	DWG No. EXCAVATION
SCALE: 1"=60'	SHEET 1 OF 1	





SITE LOCATION MAP

N.T.S.

NOTES:

1. SURVEY SHOWN WAS PREPARED FROM A SEPTEMBER 6 THROUGH DECEMBER 10, 2018 FIELD SURVEY.
2. SURVEY SUBJECT TO ANY SUBSURFACE CONDITIONS THAT MAY EXIST, IF ANY.
3. PARCEL SUBJECT TO ANY SETBACKS, RESTRICTIONS, RIGHTS-OF-WAY (PUBLIC OR PRIVATE), EASEMENTS (PUBLIC OR PRIVATE), UTILITY EASEMENTS OF RECORD OR OTHERWISE THAT MAY AFFECT THE PREMISES SHOWN, IF ANY.
4. THE HORIZONTAL DATUM USED FOR THIS SURVEY IS NAD83 – NEW YORK STATE PLANE EAST ZONE (3101).
5. THE VERTICAL DATUM USED FOR THIS SURVEY IS NAVD88.
6. THE AERIAL PHOTOGRAPH SHOWN IS A GRAPHICAL REPRESENTATION OF THE SITE AT THE TIME OF FLIGHT. EQUIPMENT AND TEMPORARY FEATURES SHOWN HAVE SINCE BEEN REMOVED AND WERE NOT PRESENT AT THE TIME OF FINAL SURVEY.

MAP REFERENCES

1. MAP ENTITLED "REMEDIAL ACTION WORK PLAN", DATED DECEMBER 2017 AND PREPARED BY ARCADIS OF NEW YORK INC.

LEGEND:

- SIGN (1 POST)
- UTILITY POLE
- OH — OVERHEAD UTILITY LINE
- PROPERTY LINE
- 350 — MAJOR CONTOUR
- 349 — MINOR CONTOUR
- 347.1 — SPOT ELEVATIONS
- COIR LOGS
- AREA FILLED BY DOT
- CHANNEL STONE
- RIP RAP

0 60 120 Feet

NMB
LAND SURVEYING
PLLC
20 TROY AVE, WYNANTSKILL NY, 12198
518-376-4630

REVISIONS			
NO.	DATE	DESCRIPTION	BY

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STATE OF NEW YORK
NATHAN M. BURROWS
050724
LICENSED LAND SURVEYOR

NATHAN M. BURROWS L.S.
NEW YORK LIC. No. 50,724

POST CONSTRUCTION SURVEY

REMEDIAL ACTION WORK PLAN
ELTING'S CORNER FACILITY
CENTRAL HUDSON GAS & ELECTRIC

TOWN OF LLOYD

COUNTY OF ULSTER — STATE OF NEW YORK

SURVEYED BY: AJK	CHECKED BY: NMB	DATE: 1/10/2019
DRAWN BY: AJK	JOB No. 2455	DWG No. POST CONSTRUCTION

SCALE: 1"=60' — SHEET 1 OF 1

Tri-Point
Construction Layout, Inc.
Because the world isn't flat.
260 Osborne Rd Albany NY, 12211 518-424-3533

Mr. Jonathan LeMessurier
Abscope Environmental, Inc.
7086 Commercial Dr.
Canastota, NY 13032

March 7, 2019

Re: Volume Calculations
Eltings Corner Facility
Central Hudson Gas & Electric
Remedial Action

Dear Mr. LeMessurier:

Pursuant to a request from Mr. Jonathan LeMessurier of Abscope Environmental, INC., NMB Land Surveying PLLC (NMB) has computed the volume and areas of the excavated material for the Central Hudson Gas & Electric Eltings Corner Facility.

Tri-Point Construction Layout gathered data at ground elevation of each of the levels needed to compute volumes.

Digital Terrain Models (DTM's) were generated for each level of the excavation. The two corresponding surfaces were compared to determine the amount of volume in cubic yards.

Volumes listed are as of December 10, 2018.

Total Excavation	
Excavated Material (Entire Work Area)	6785± cubic yards
Common Fill	
5% Material (Entire Work Area)	965± cubic yards
Top Soil	
12% Material (Entire Work Area including Access Road and Upland Support)	6,123± cubic yards
Placed Stone	
Channel Stone Material (Placed in Channel Waterway)	644± cubic yards
Placed Rip Rap	
Rip Rap Material (Placed at South St. Culvert)	12± cubic yards

Should you have any questions regarding the volume and area computations, please contact our office.

Sincerely,



Nathan M. Burrows

APPENDIX D

CAMP Reports

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site from **6-25-2018** through **6-29-2018.** There were no exceedances during the reporting period, and site-related odors from remediation and excavation were not detected or made noted during operations.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***25-Jun***	Setting mud mats. Hand clearing fiber-optic line inside Rt 299 culvert.
Tuesday	***26-Jun***	Excavation starting from station 9+25 to 8+50. Cells V, W, & X.
Wednesday	***27-Jun***	Excavation from 8+50 to 8+00. Cells W & V.
Thursday	***28-Jun***	Loadout from stockpile pad and dewatering from station 9+25 to 8+00.
Friday	***29-Jun***	Loadout from stockpile pad and continued dewatering from various locations.
Saturday	***30-Jun***	No work performed.
Sunday	***1-Jul***	No work Performed.

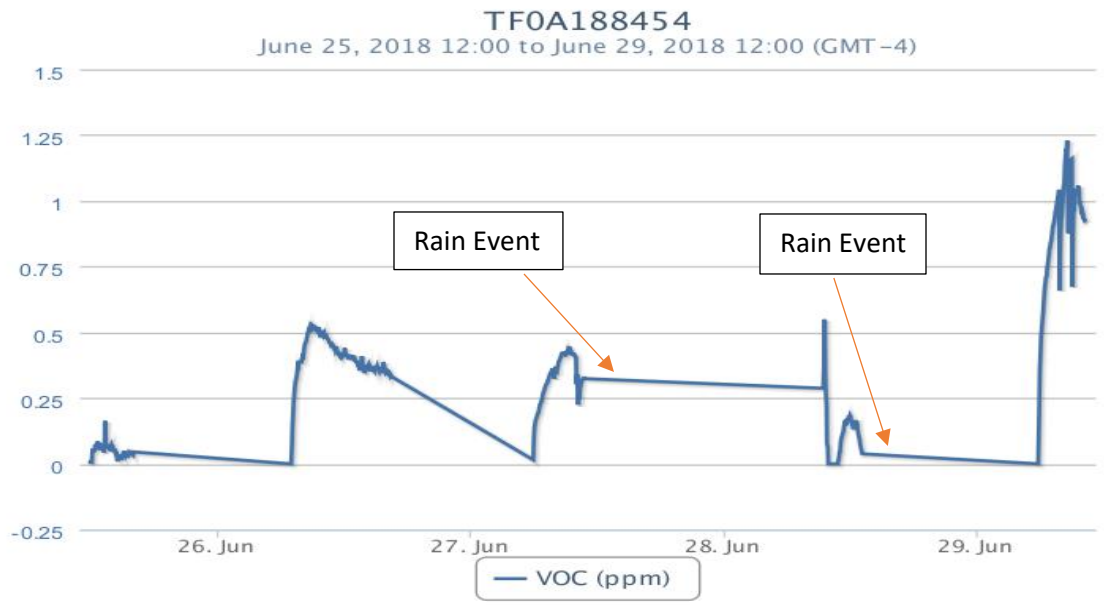
Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***25-Jun***	2 – 10	SSW – WNW	57 – 77	65 – 42	0.00
Tuesday	***26-Jun***	0 – 5	WNW – SSE	51 – 79	93 – 41	0.00
Wednesday	***27-Jun***	0 – 3	NW – ENE	59 – 68	94 – 88	0.44
Thursday	***28-Jun***	0 – 3	S – SSW	65 – 80	97 – 76	1.76
Friday	***29-Jun***	0 – 7	NE – ESE	62 – 83	97 – 64	0.00
Saturday	***30-Jun***	N/A	N/A	N/A	N/A	N/A
Sunday	***1-Jul***	N/A	N/A	N/A	N/A	N/A

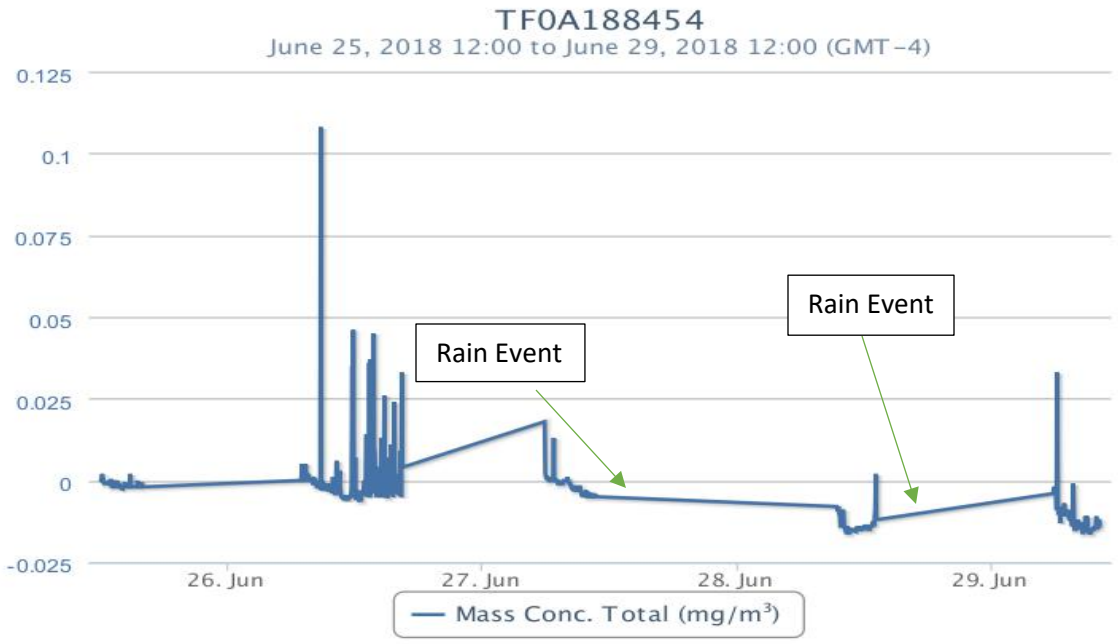
*Approximately 0.46in of rain accumulated on site over the weekend. (6/23/18-6/24/18)

Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

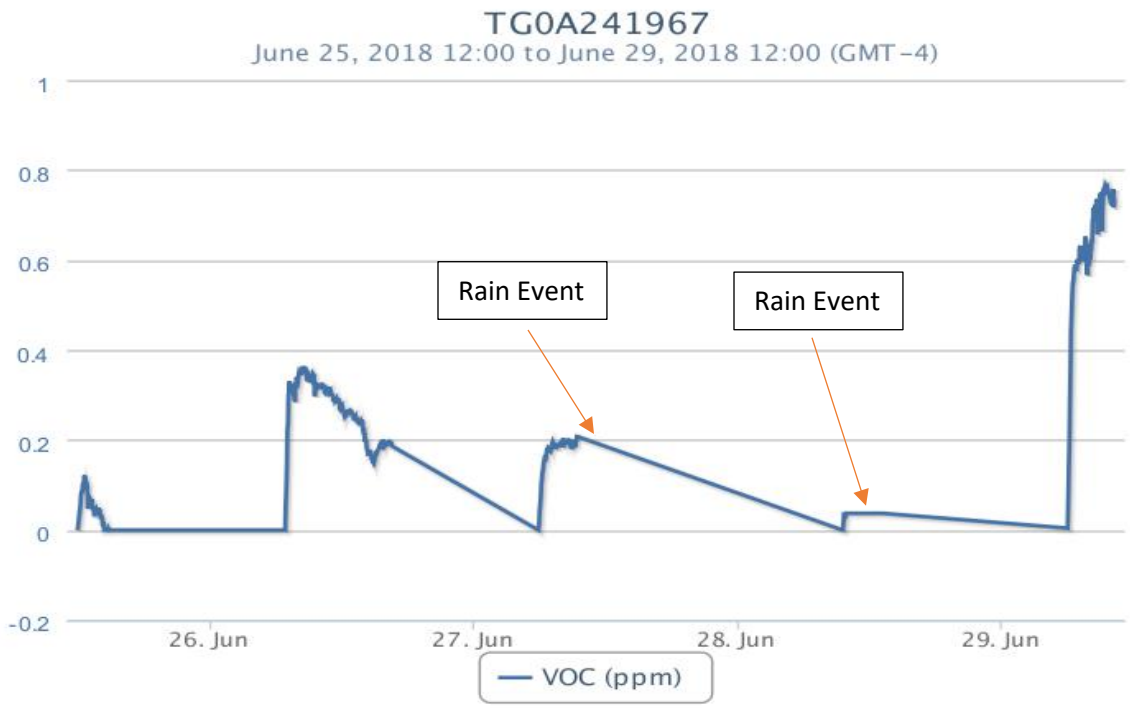
CAMP #1 (Upwind) – VOC (ppm):



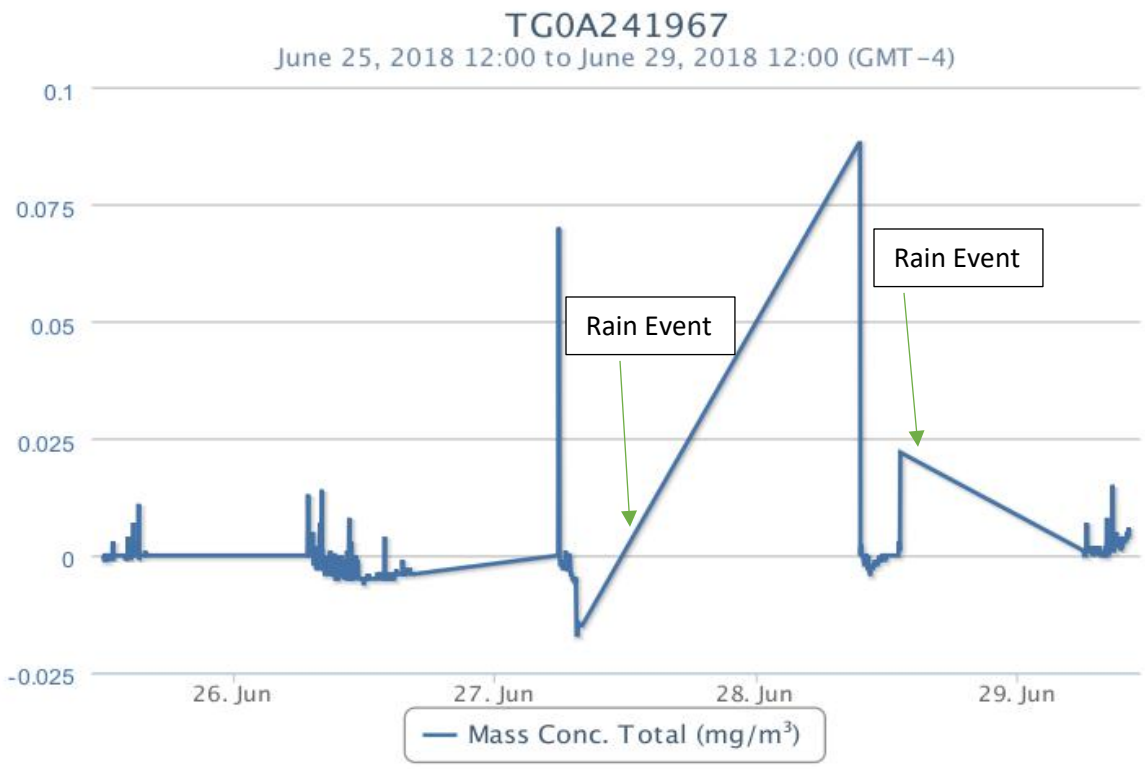
CAMP #1 (Upwind) – Mass concentration (mg/m³):



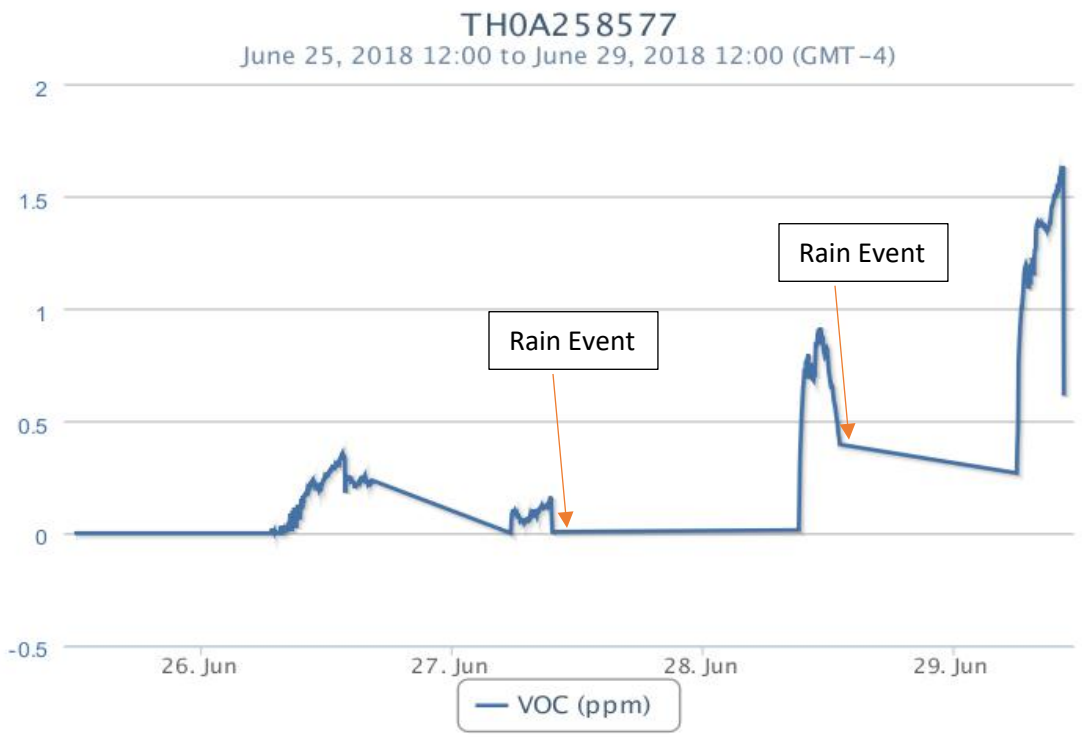
CAMP #2 (Downwind) – VOC (ppm):



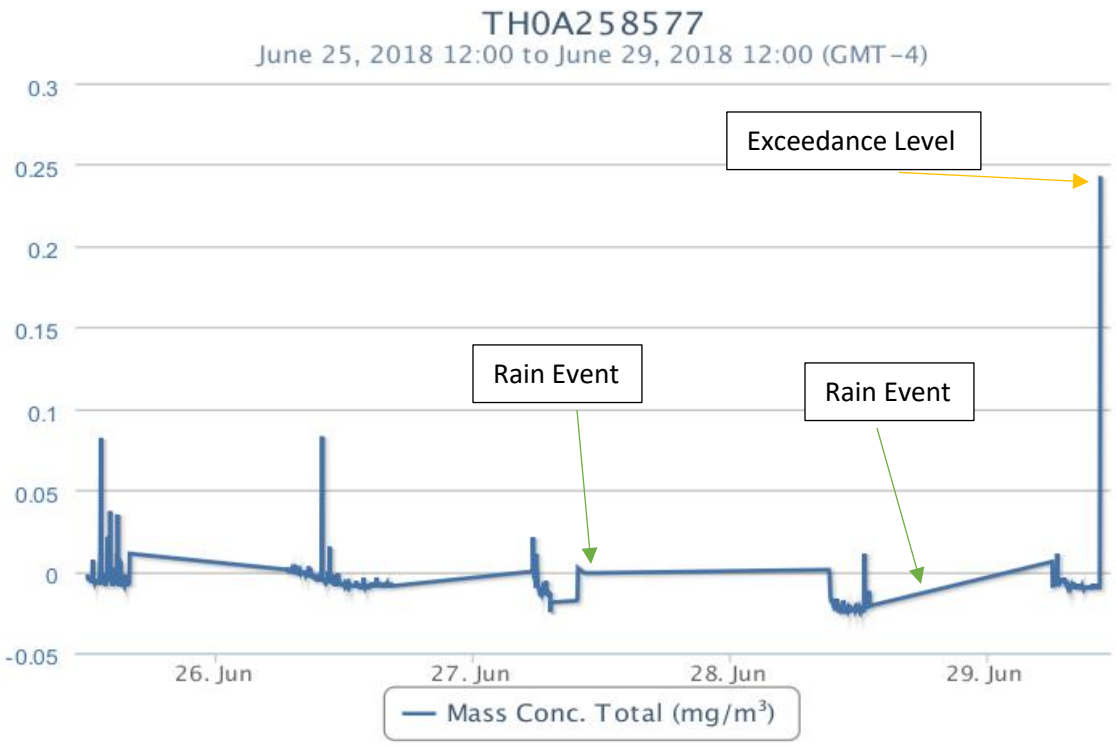
CAMP #2 (Downwind) – Mass concentration (mg/m³):



CAMP #3 (Downwind) – VOC (ppm):



CAMP #3 (Downwind) – Mass concentration (mg/m³):



Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***25-Jun***	No issues noted.	No issues noted.	No issues noted.		
Tuesday	***26-Jun***	No issues noted.	No issues noted.	No issues noted.		
Wednesday	***27-Jun***	Rain events caused intermittent recording of particulate, but continuous of VOC and Meteorological.	Rain events caused intermittent recording of particulate, but continuous of VOC and Meteorological.	Rain events caused intermittent recording of particulate, but continuous of VOC and Meteorological.	Weather.	Keep CAMPs dry.
Thursday	***28-Jun***	Rain events caused intermittent recording of particulate, but continuous of VOC and Meteorological.	Rain events caused intermittent recording of particulate, but continuous of VOC and Meteorological.	Rain events caused intermittent recording of particulate, but continuous of VOC and Meteorological.	Weather.	Keep CAMPs dry.
Friday	***29-Jun***	No issues noted.	No issues noted.	Elevation in dust measurement.	Skid-Steer driving by CAMP.	End of day. No actions taken.
Saturday	***30-Jun***	No Datalogging.	No Datalogging.	No Datalogging.		
Sunday	***1-Jul***	No Datalogging.	No Datalogging.	No Datalogging.		

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **7-2-2018.** Only one day intrusive/excavation work was performed, the rest of the week was water management and water treatment system operations. There were **TWO** DustTrak exceedances during the reporting period. Site-related odors from remediation and excavation were not detected or made noted during operations.

For the DustTrak exceedances, the arrival and departure of tractor trailers to the site created a brief elevation of the DustTrak readings due to proximity of the vehicle passing the respective CAMP at the specific time. Moving forward, Abscope will be more proactive in the placement of CAMPs to help mitigate influxes of these specific traffic-related readings from occurring in the future.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

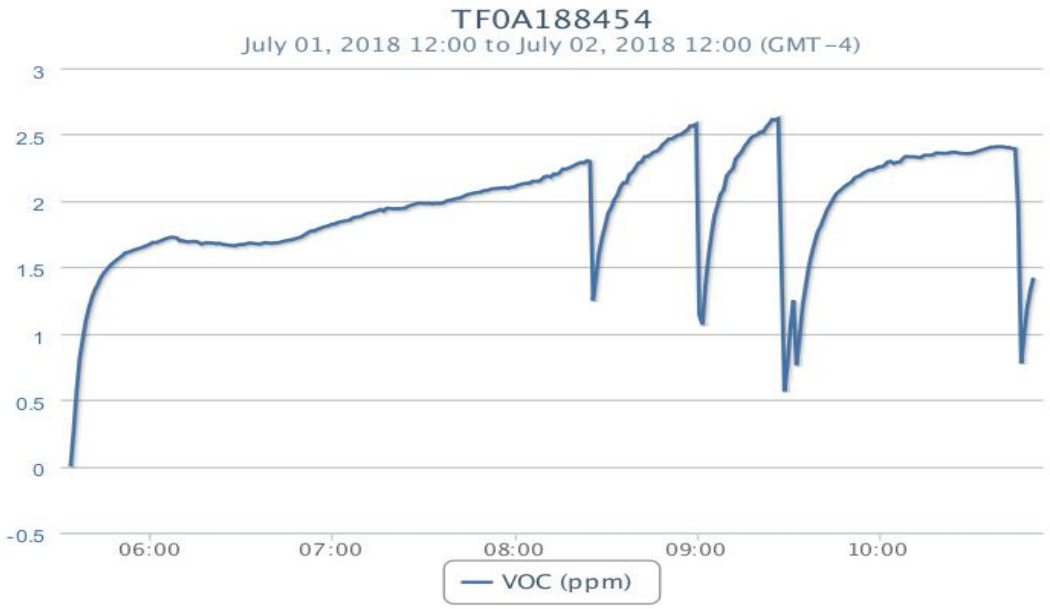
Day	Date (2018)	Remedial Activities Summary
Monday	***2-Jul***	Loadout of material in stockpile. Water management.
Tuesday	***3-Jul***	Water management. No intrusive work.
Wednesday	***4-Jul***	No work Performed. Holiday.
Thursday	***5-Jul***	Water Treatment System management. No intrusive work.
Friday	***6-Jul***	Water monitoring. No intrusive work.
Saturday	***7-Jul***	No work performed.
Sunday	***8-Jul***	No work Performed.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

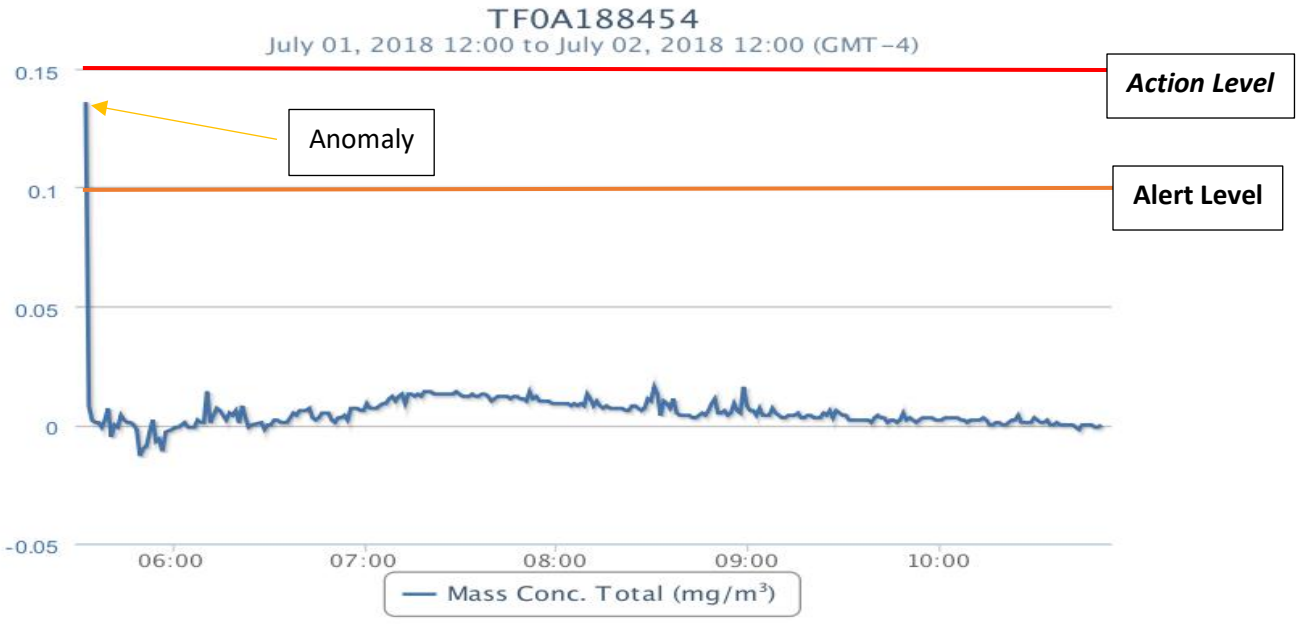
Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***2-Jul***	2 – 12	S – WNW	78 – 96	78 – 75	0.00
Tuesday	***3-Jul***	2 – 5	WNW	74 – 92	93 – 65	0.00
Wednesday	***4-Jul***	N/M	N/M	N/M	N/M	N/M
Thursday	***5-Jul***	2 – 6	SSE – SW	71 – 88	77 – 66	0.00
Friday	***6-Jul***	8 – 9	NW – NNW	75 – 84	85 – 64	0.08
Saturday	***7-Jul***	N/M	N/M	N/M	N/M	N/M
Sunday	***8-Jul***	N/M	N/M	N/M	N/M	N/M

Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):

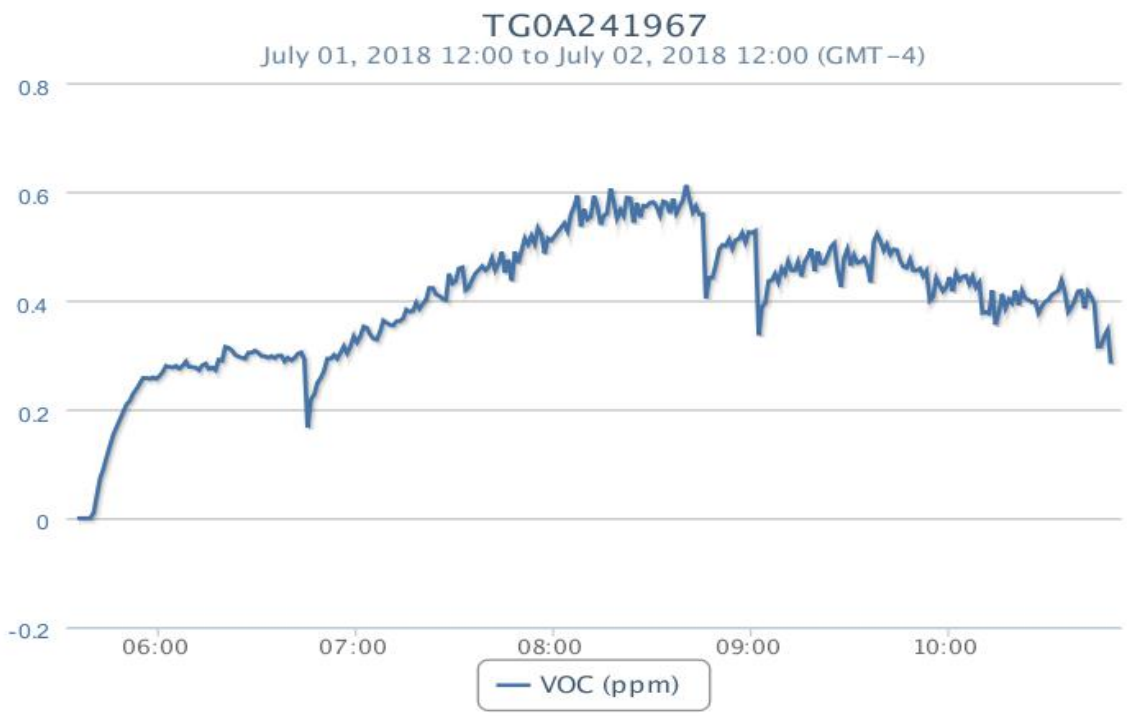


CAMP #1 (Upwind) – Mass concentration (mg/m³):

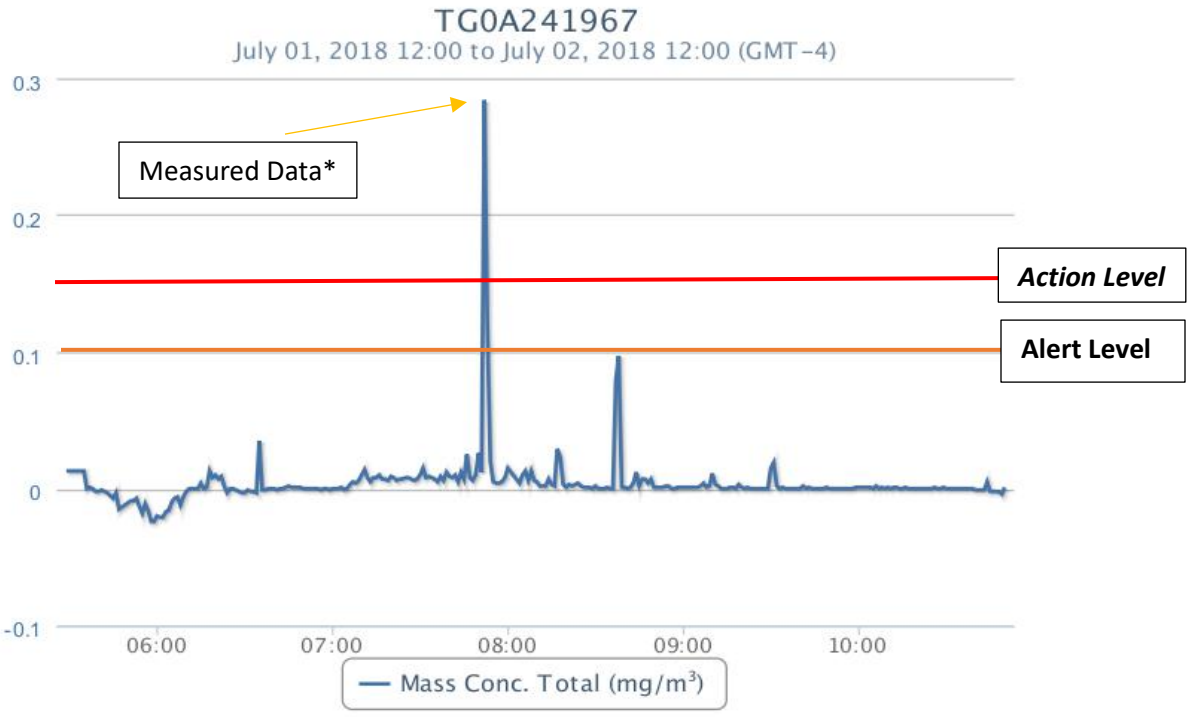


*Alert Level = Δ> 0.10 mg/m³, Action Level = Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):

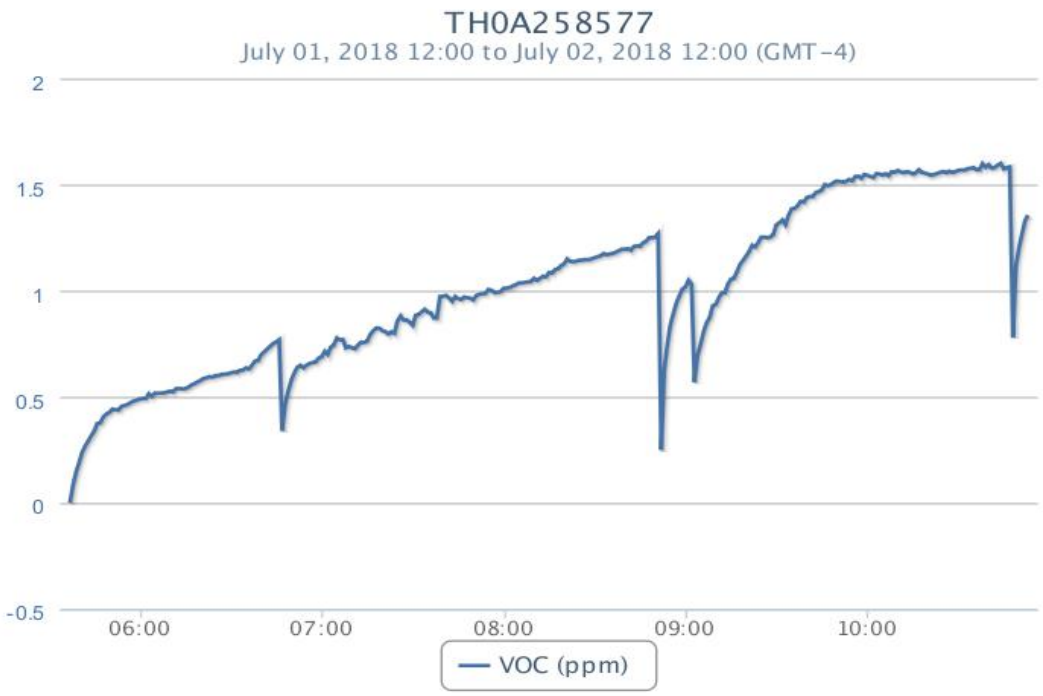


CAMP #2 (Downwind) – Mass concentration (mg/m³):

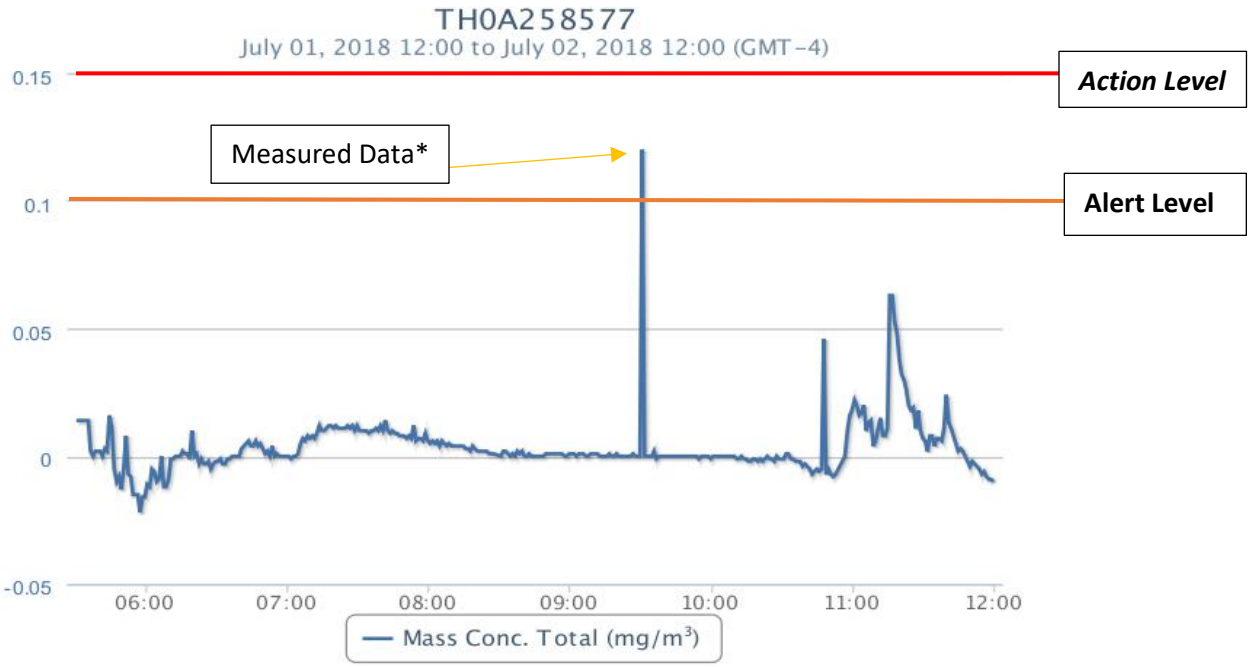


*Alert Level = Δ> 0.10 mg/m³, Action Level = Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level = Δ> 0.10 mg/m³, Action Level = Δ> 0.15 mg/m³

Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Exceedance Cause	Actions Taken
Monday	***2-Jul***	No issues noted.	Elevated DustTrak Reading.	Elevated DustTrak Reading.	Tractor Trailer truck entering/exiting.	Noted and positions readjusted.
Tuesday	***3-Jul***	No Datalogging.	No Datalogging.	No Datalogging.		
Wednesday	***4-Jul***	No Datalogging.	No Datalogging.	No Datalogging.		
Thursday	***5-Jul***	No Datalogging.	No Datalogging.	No Datalogging.		
Friday	***6-Jul***	No Datalogging.	No Datalogging.	No Datalogging.		
Saturday	***7-Jul***	No Datalogging.	No Datalogging.	No Datalogging.		
Sunday	***8-Jul***	No Datalogging.	No Datalogging.	No Datalogging.		

Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **7-20-2018 and 7-21-2018.** Only two days of intrusive/excavation work was performed, the rest of the week was water management and site maintenance. During the two days of excavation, the following occurred:

No exceedances were noted with the 15-minute average on both the VOC and Dust measurements.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

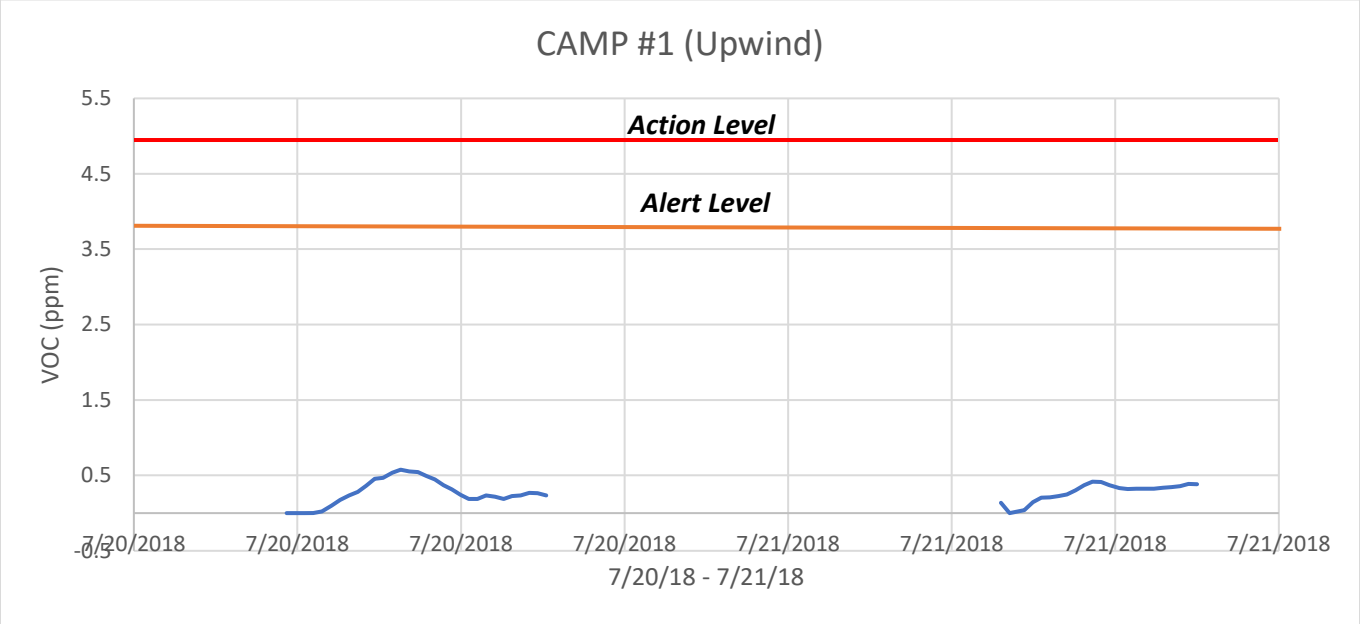
Day	Date (2018)	Remedial Activities Summary
Monday	***16-Jul***	No work performed.
Tuesday	***17-Jul***	No intrusive work performed. Equipment delivery and site walking.
Wednesday	***18-Jul***	No intrusive work performed. WTS testing and system operation/testing.
Thursday	***19-Jul***	No intrusive work performed. Discharge of WTS and dewatering of excavation.
Friday	***20-Jul***	Excavation of STA 8+25 and moving towards 8+00.
Saturday	***21-Jul***	Excavation 8+00 and moving towards 7+00.
Sunday	***22-Jul***	No intrusive work performed. Water and site management.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***16-Jul***	N/M	N/M	N/M	N/M	1.00
Tuesday	***17-Jul***	N/M	N/M	N/M	N/M	0.54
Wednesday	***18-Jul***	10 – 14	ESE – NW	65 – 83	61 – 37	0.05
Thursday	***19-Jul***	5 – 4	WNW – SSE	61 – 80	51 – 46	0.00
Friday	***20-Jul***	0 – 5	E – ENE	61 – 83	93 – 48	0.00
Saturday	***21-Jul***	1 – 6	NNW – NNE	57 – 76	85 – 57	0.00
Sunday	***22-Jul***	6 – 12	NNW – ESE	67 – 84	95 – 66	0.78

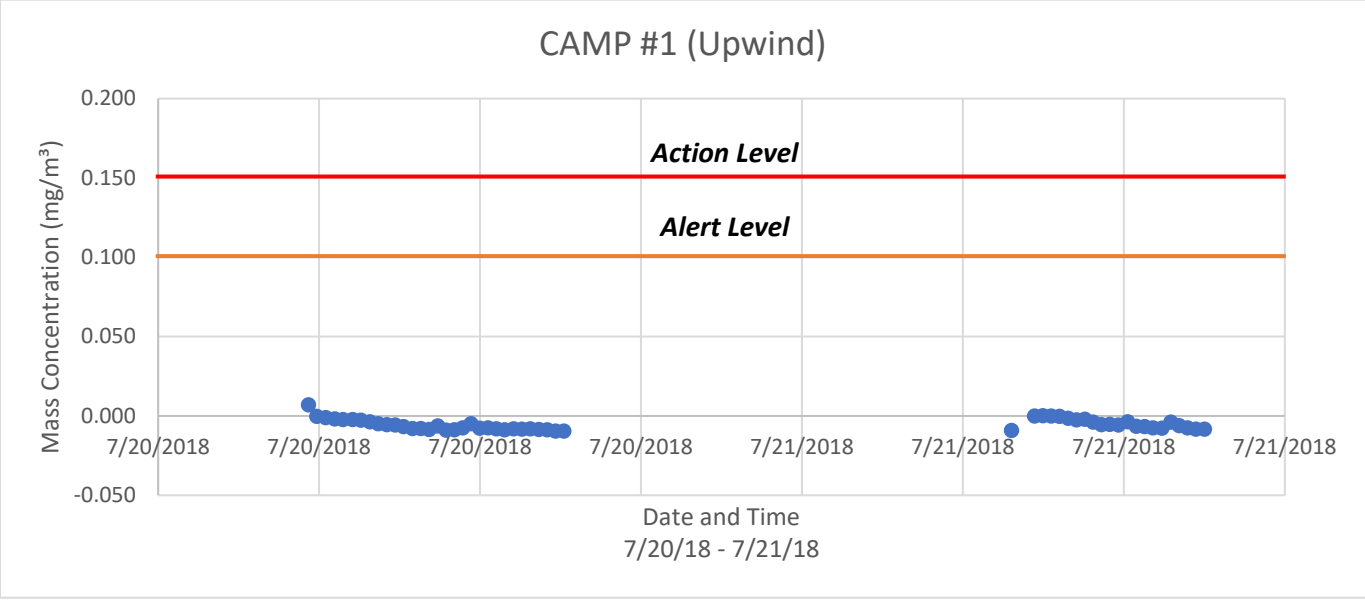
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



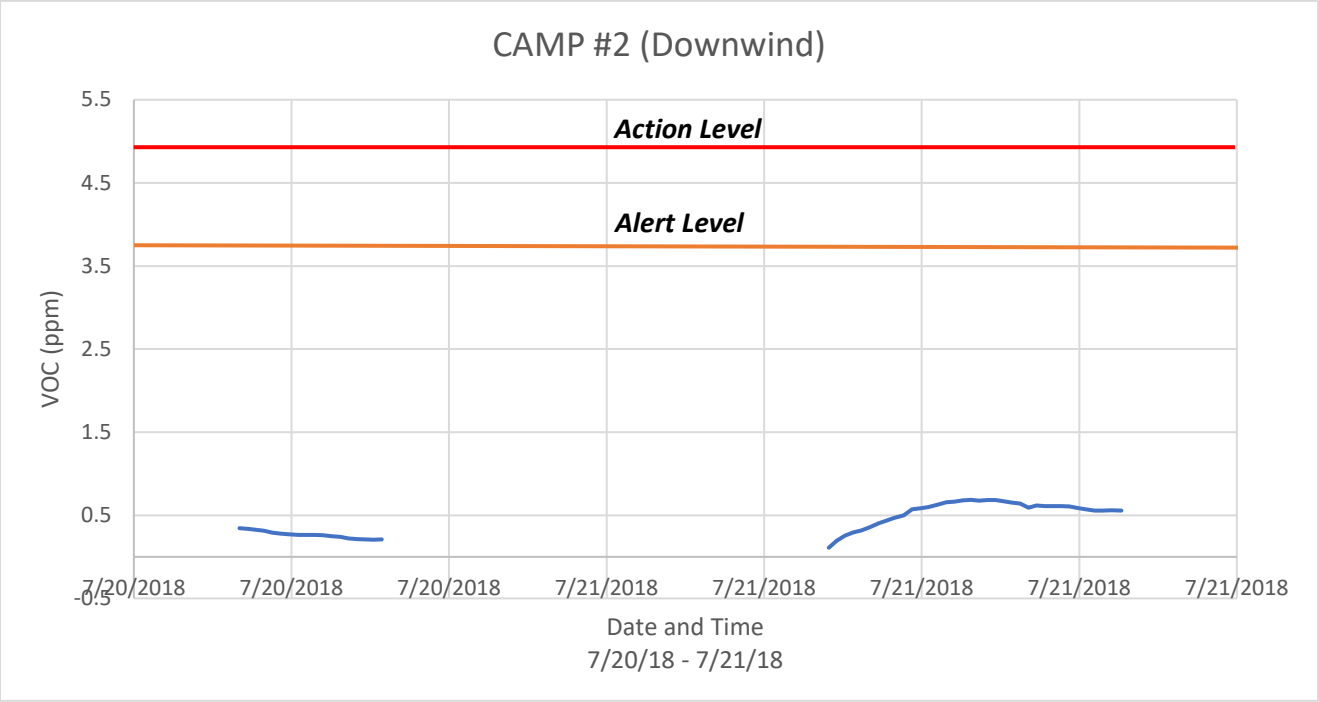
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



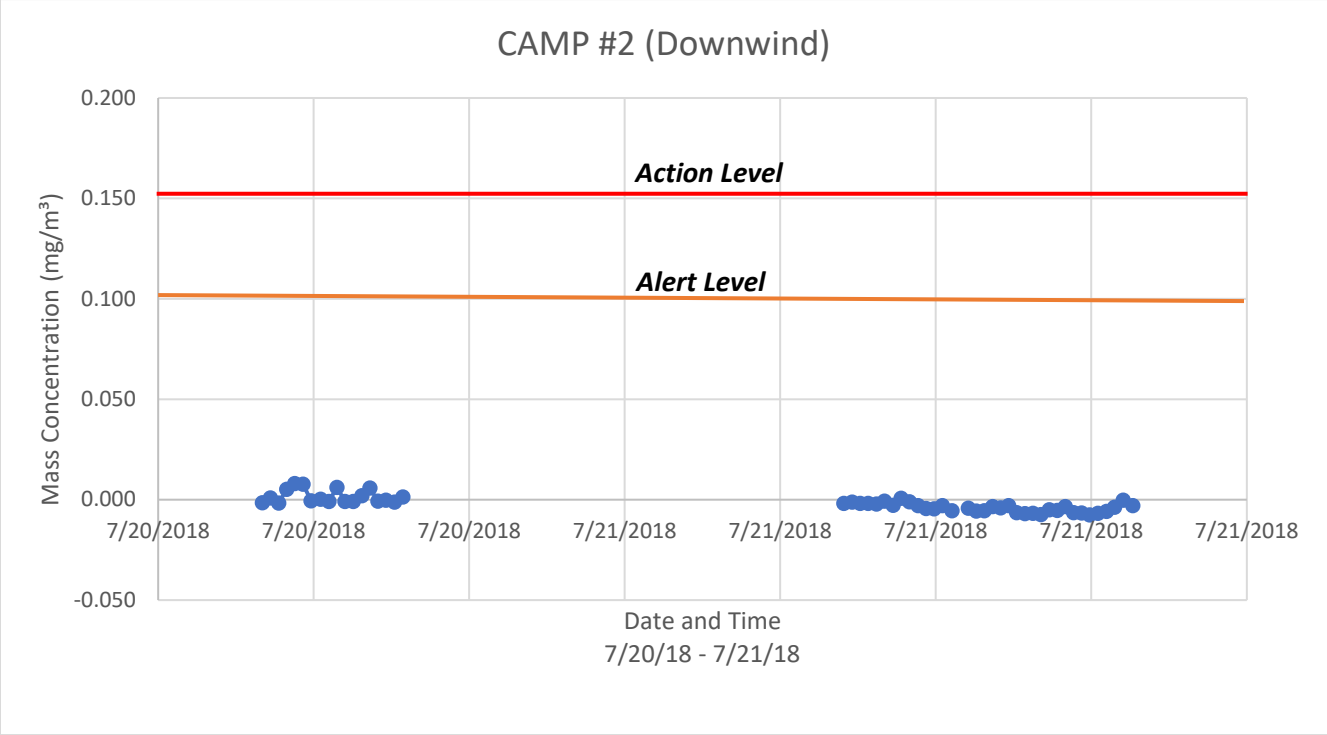
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



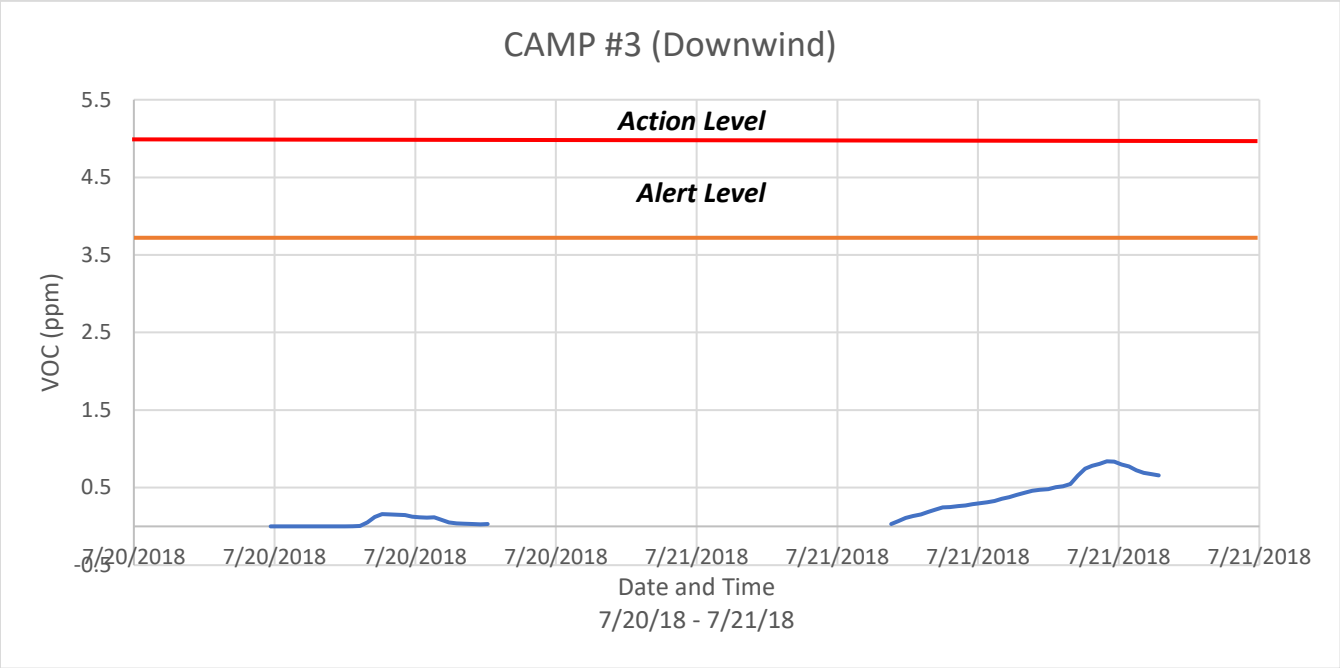
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



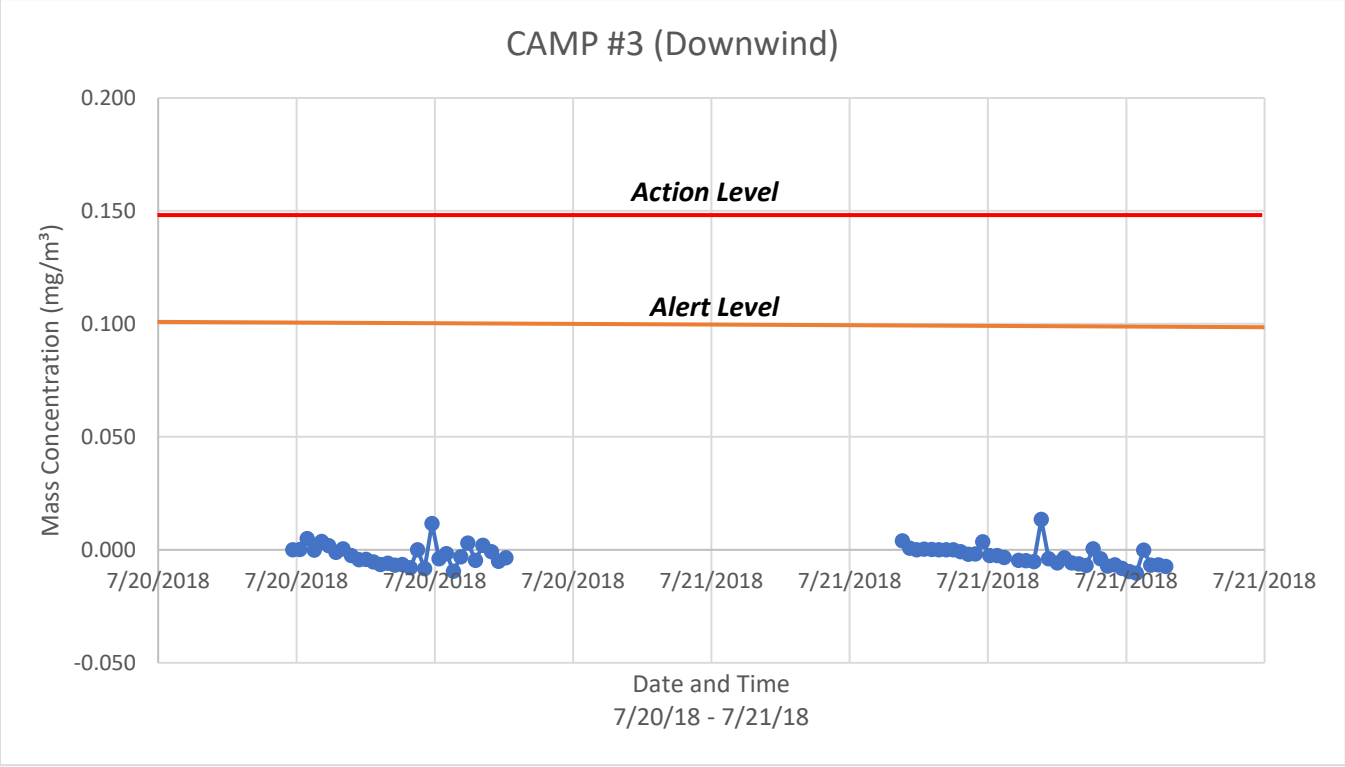
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



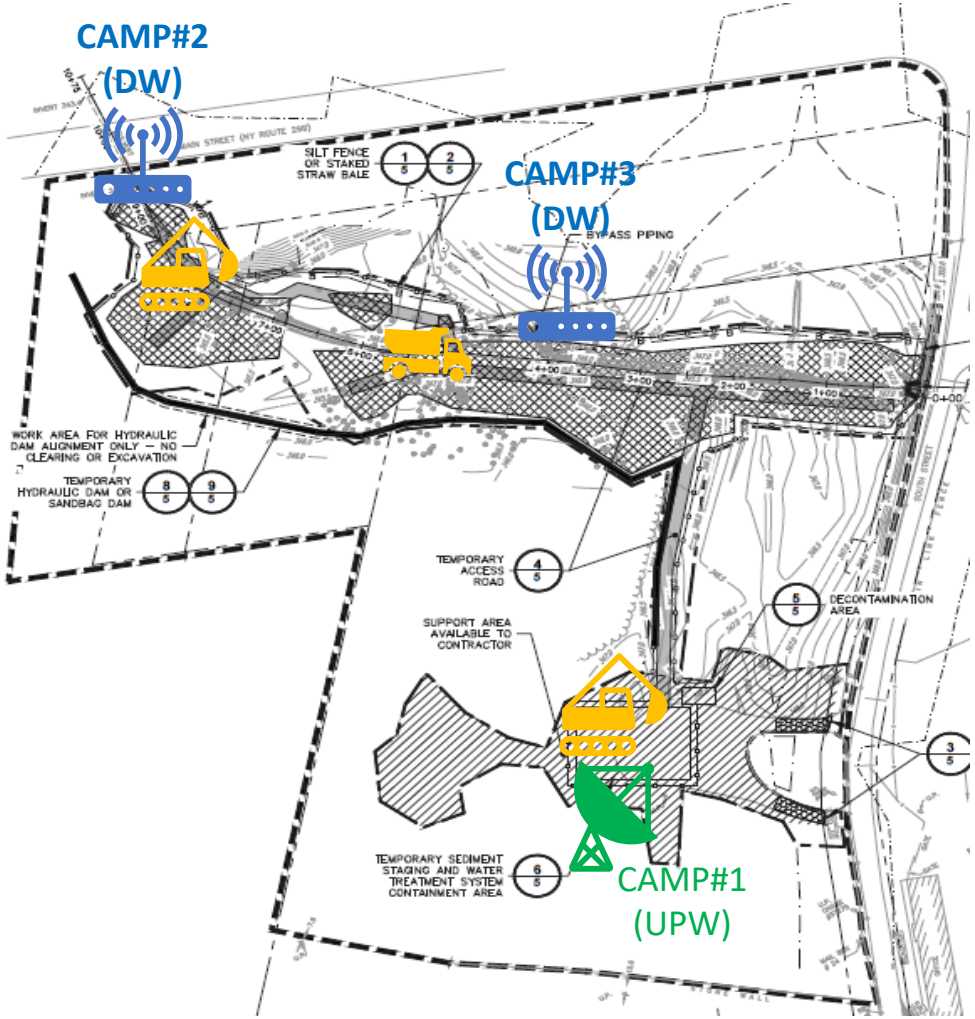
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

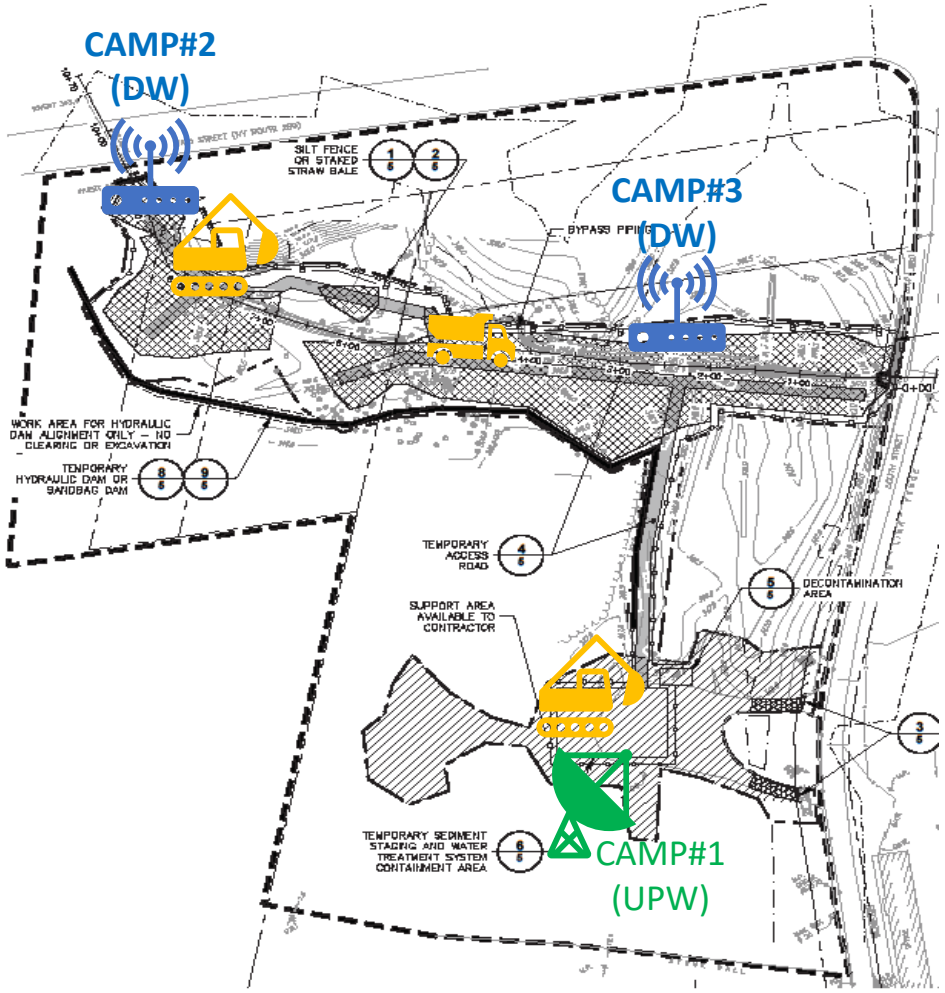
Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***16-Jul***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Tuesday	***17-Jul***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Wednesday	***18-Jul***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Thursday	***19-Jul***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Friday	***20-Jul***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Saturday	***21-Jul***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Sunday	***22-Jul***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

7/20/2018



7/21/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **7-23-2018 and 7-27-2018.** There was only one day of intrusive/excavation work, the rest of the week was loading out material, or WTS operations and dewatering excavation area.

No exceedances were noted with the 15-minute average on both the VOC and Dust measurements.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

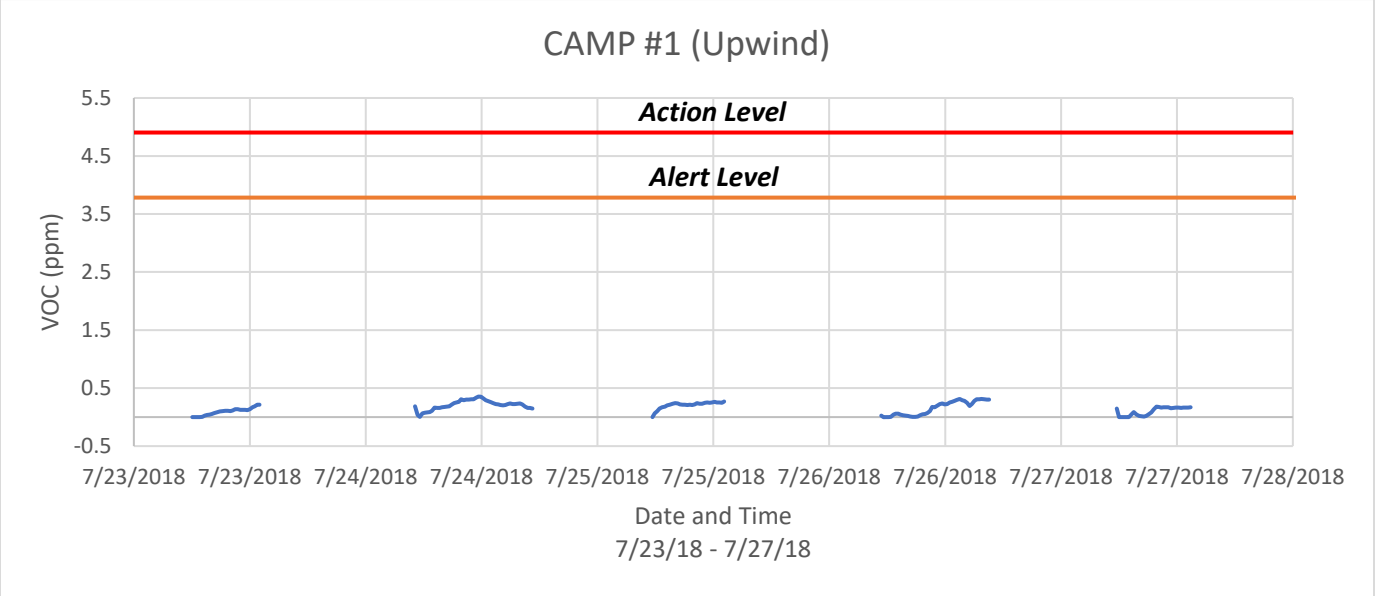
Day	Date (2018)	Remedial Activities Summary
Monday	***23-Jul***	No intrusive work performed. Loadout stockpile material and WTS operations.
Tuesday	***24-Jul***	Excavation of STA 7+00 area, loadout stockpile, and WTS operations.
Wednesday	***25-Jul***	Loadout stockpile material, WTS operations, and dewatering of excavation.
Thursday	***26-Jul***	Loadout stockpile material, WTS operations, and dewatering of excavation.
Friday	***27-Jul***	Loadout stockpile material, WTS operations, and dewatering of excavation.
Saturday	***28-Jul***	No intrusive work performed. Water and site management.
Sunday	***29-Jul***	No intrusive work performed. Water and site management.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***23-Jul***	1 – 4	NE – ENE	75 – 80	95 – 88	0.35
Tuesday	***24-Jul***	4 – 6	NE – ENE	75 – 88	89 – 87	0.43
Wednesday	***25-Jul***	7 – 11	NE – NNE	77 – 75	83 – 89	1.31
Thursday	***26-Jul***	1 – 9	ESE – ESE	70 – 88	97 – 88	0.02
Friday	***27-Jul***	1 – 9	S – NE	66 – 81	96 – 74	0.43
Saturday	***28-Jul***	1 – 2	NW – NE	61 – 81	96 – 74	0.08
Sunday	***29-Jul***	1 – 4	WNW – WNW	61 – 81	96 – 51	0.01

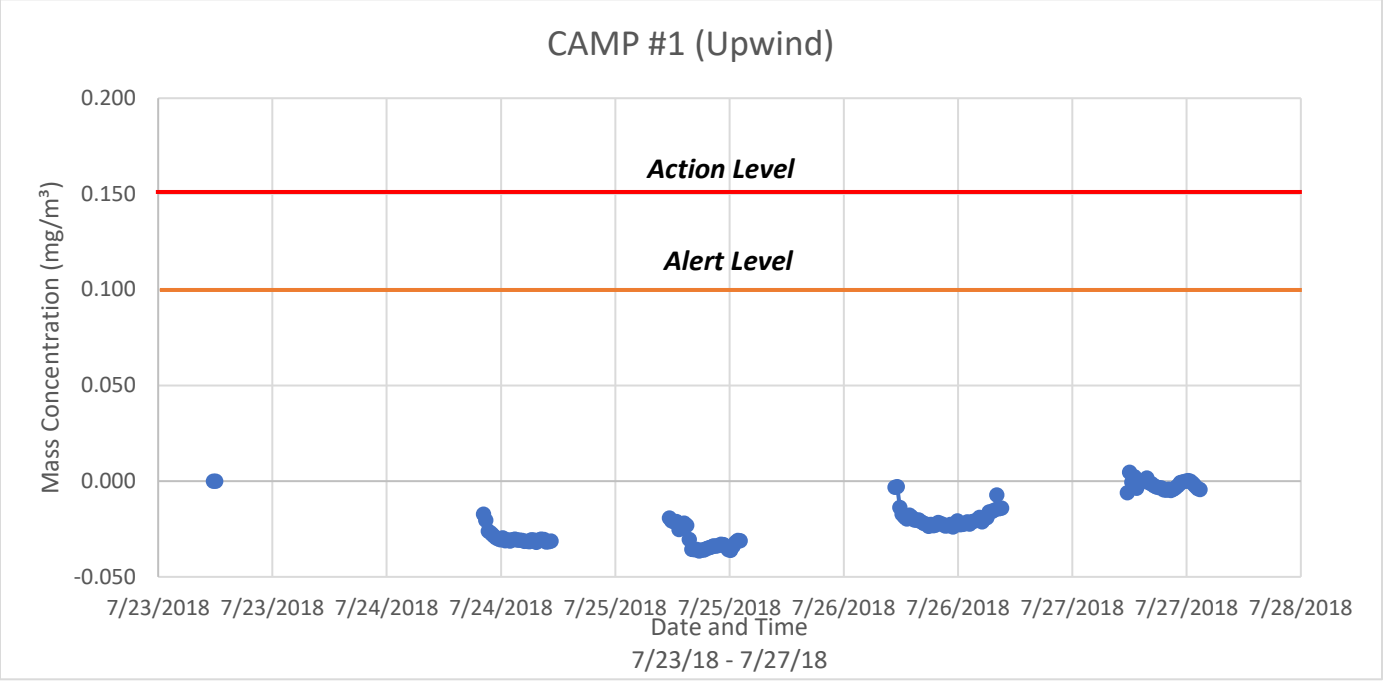
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



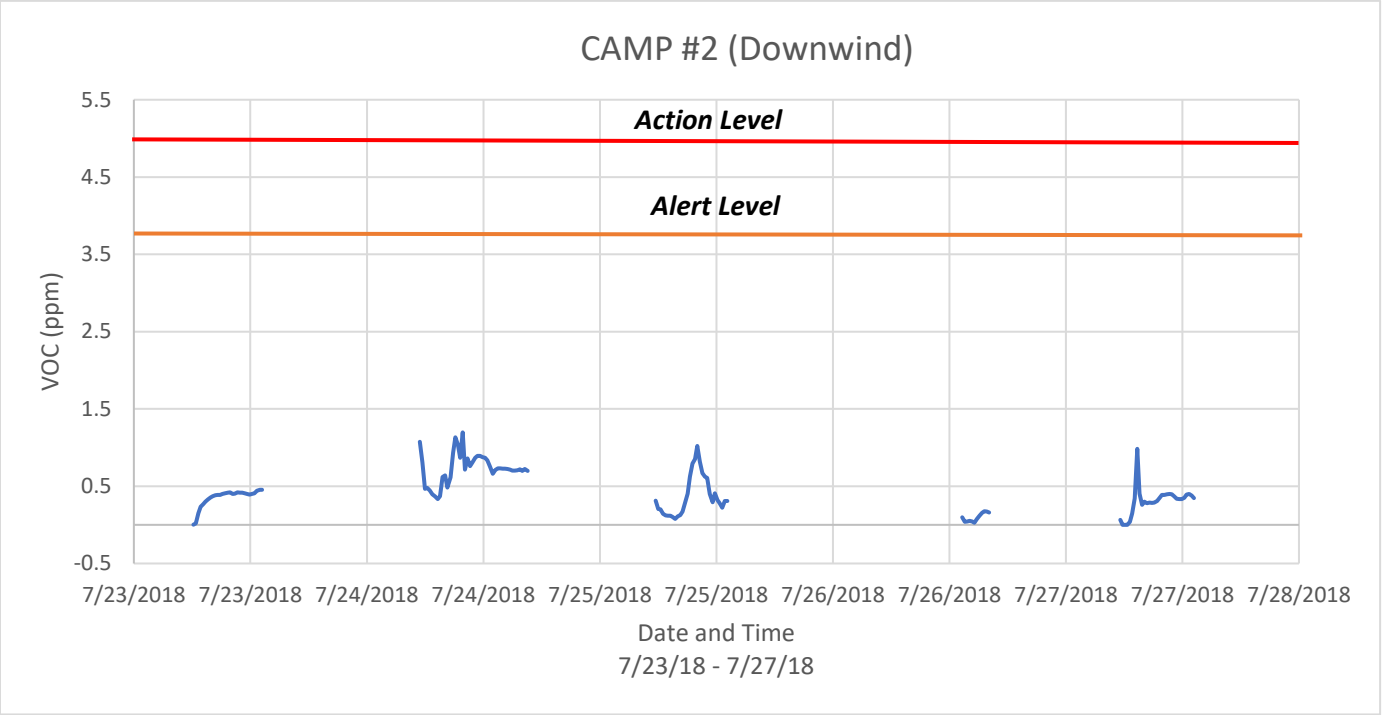
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



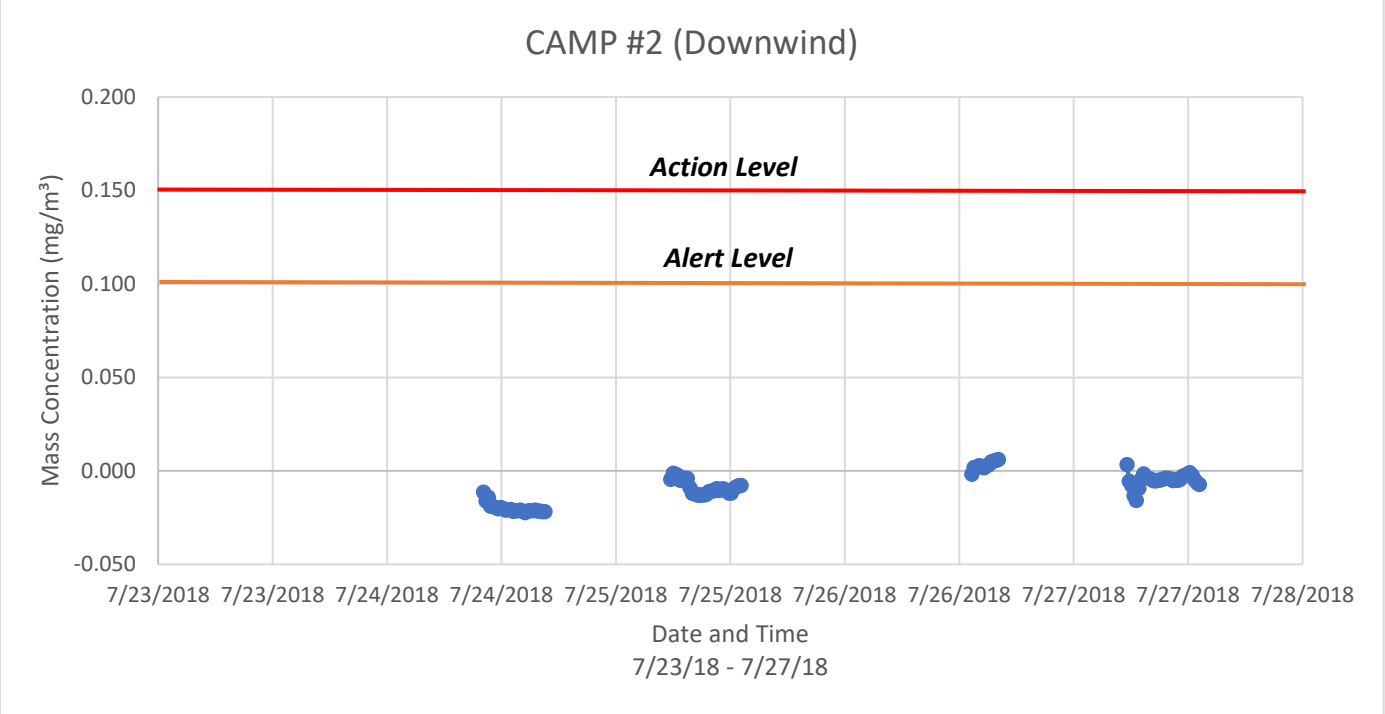
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



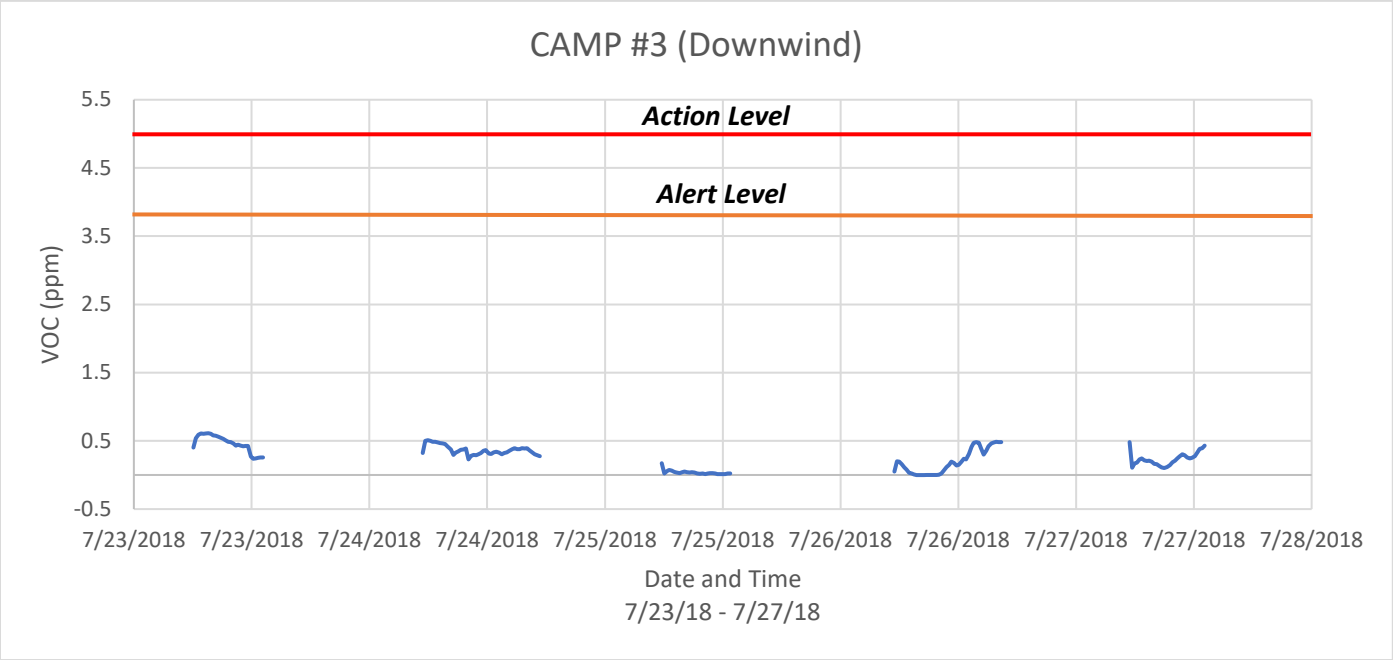
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



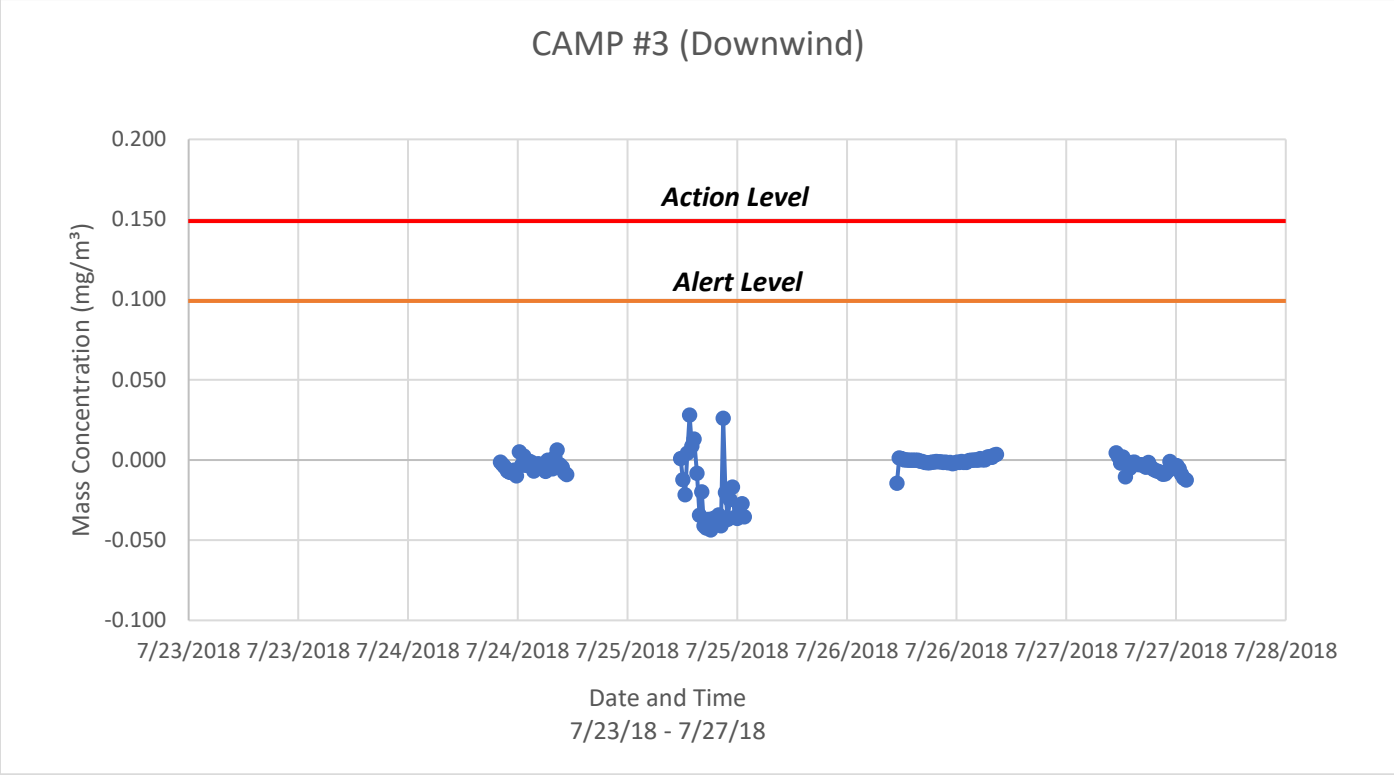
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

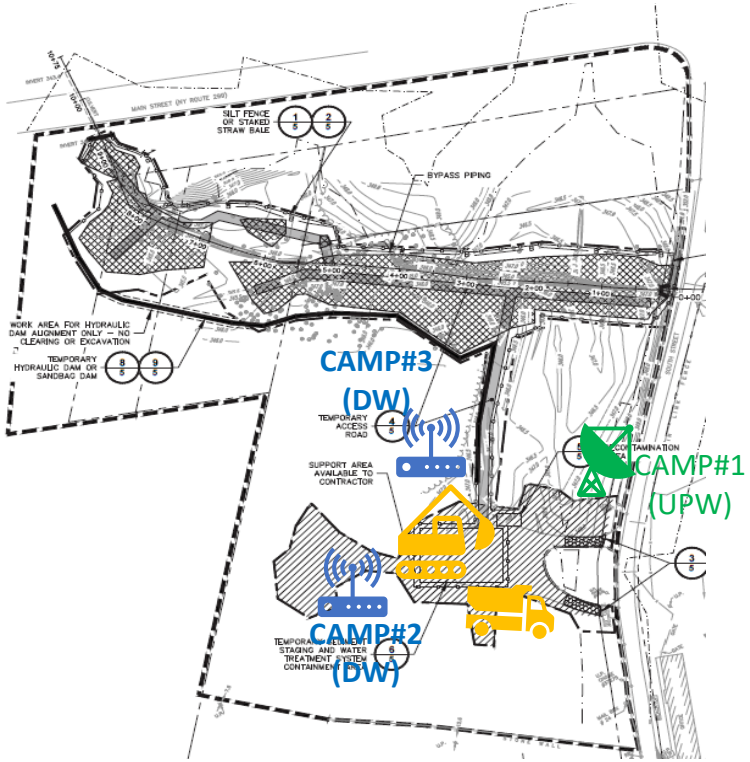
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***23-Jul***	VOC datalogging only, due to rain.	VOC datalogging only, due to rain.	VOC datalogging only, due to rain.	N/A	N/A
Tuesday	***24-Jul***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***25-Jul***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Thursday	***26-Jul***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Friday	***27-Jul***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Saturday	***28-Jul***	No Datalogging.	Not Datalogging.	No Datalogging.	N/A	N/A
Sunday	***29-Jul***	No Datalogging.	Not Datalogging.	No Datalogging.	N/A	N/A

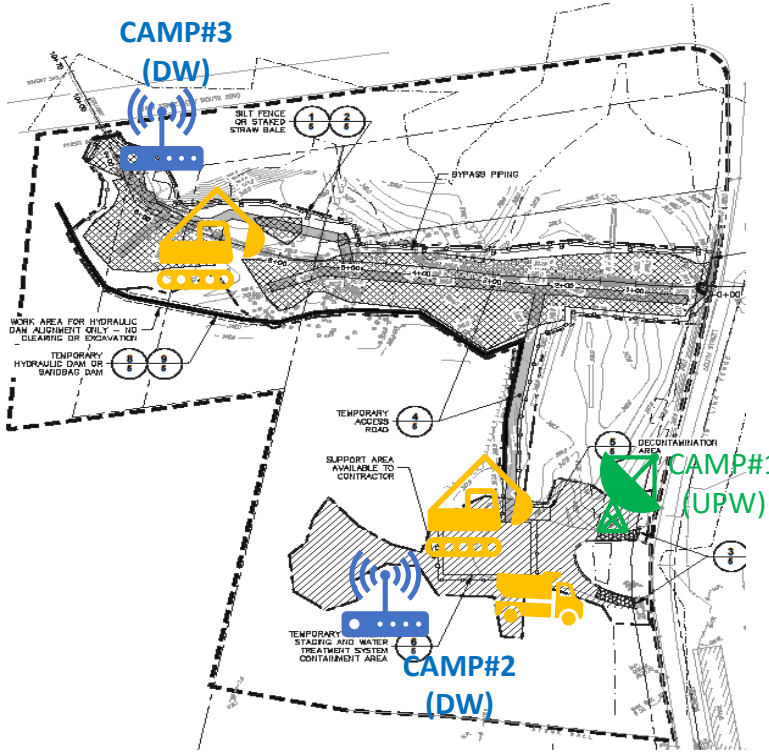
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

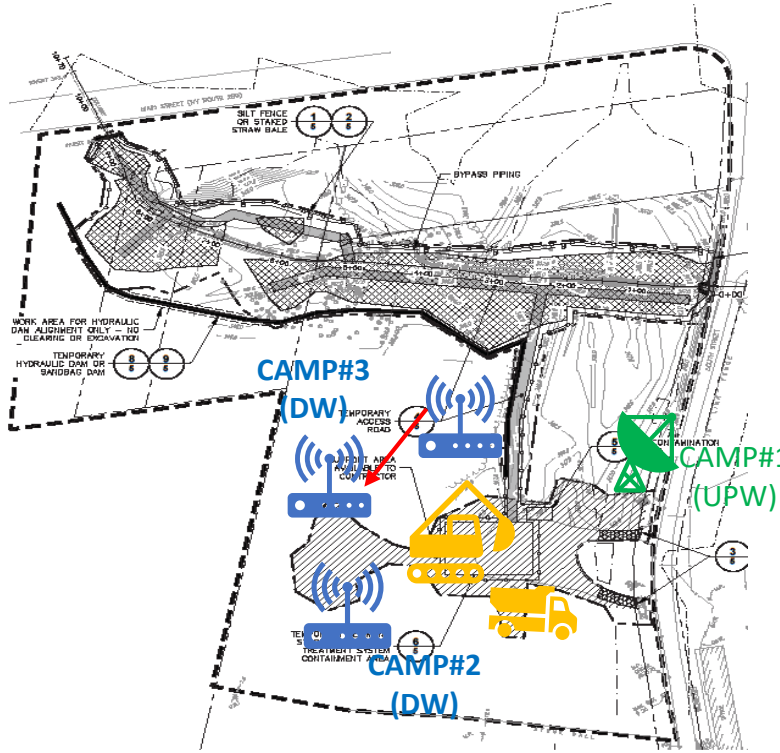
7/23/2018



7/24/2018

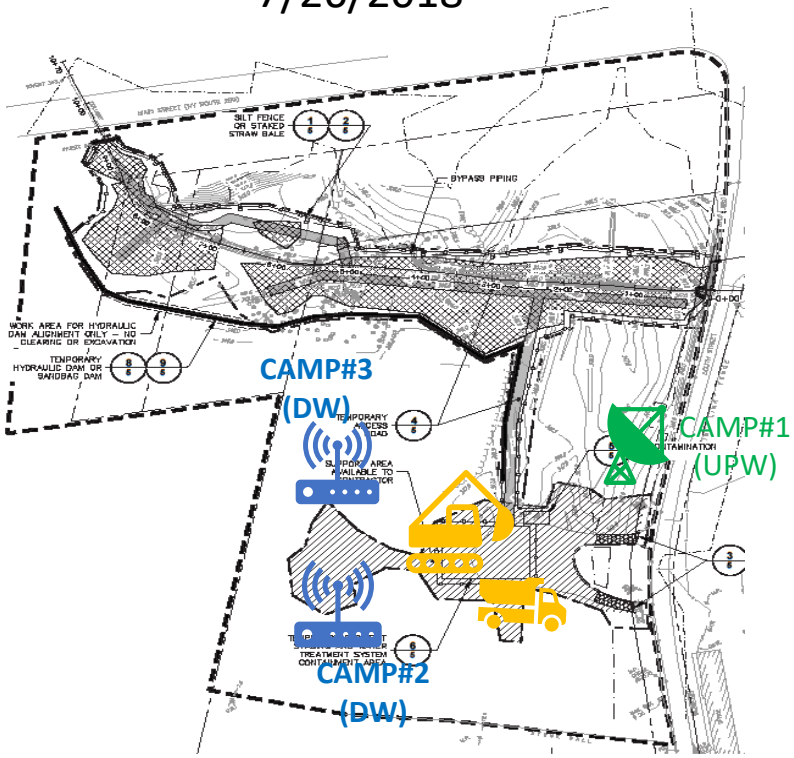


7/25/2018

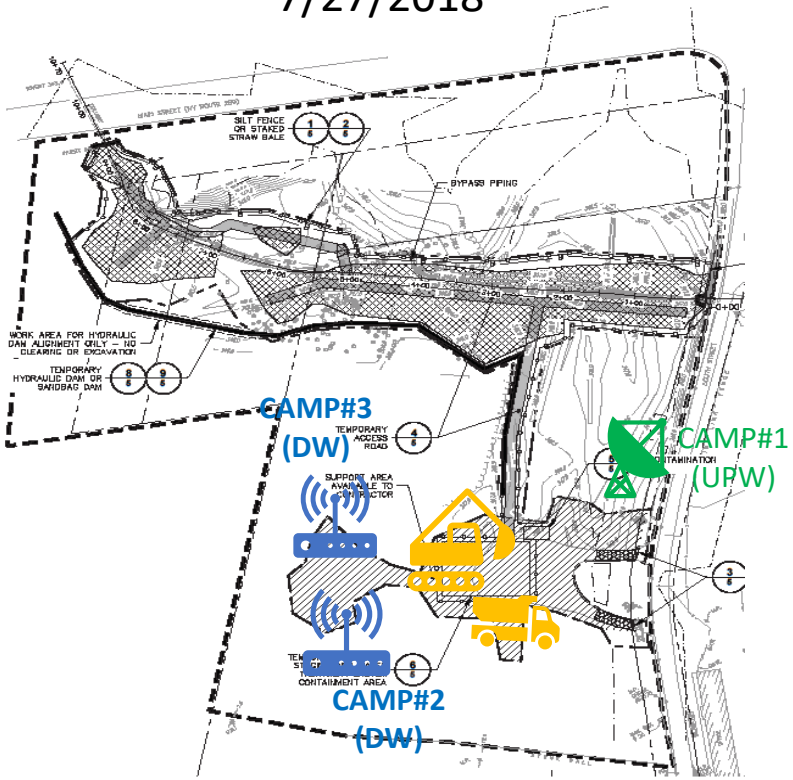


CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

7/26/2018



7/27/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **7-30-2018 to 8-3-2018.** There were five (5) days of intrusive/excavation work, loading out material, and, WTS operations and dewatering excavation area.

No exceedances were noted with the 15-minute average on both the VOC and Dust measurements.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

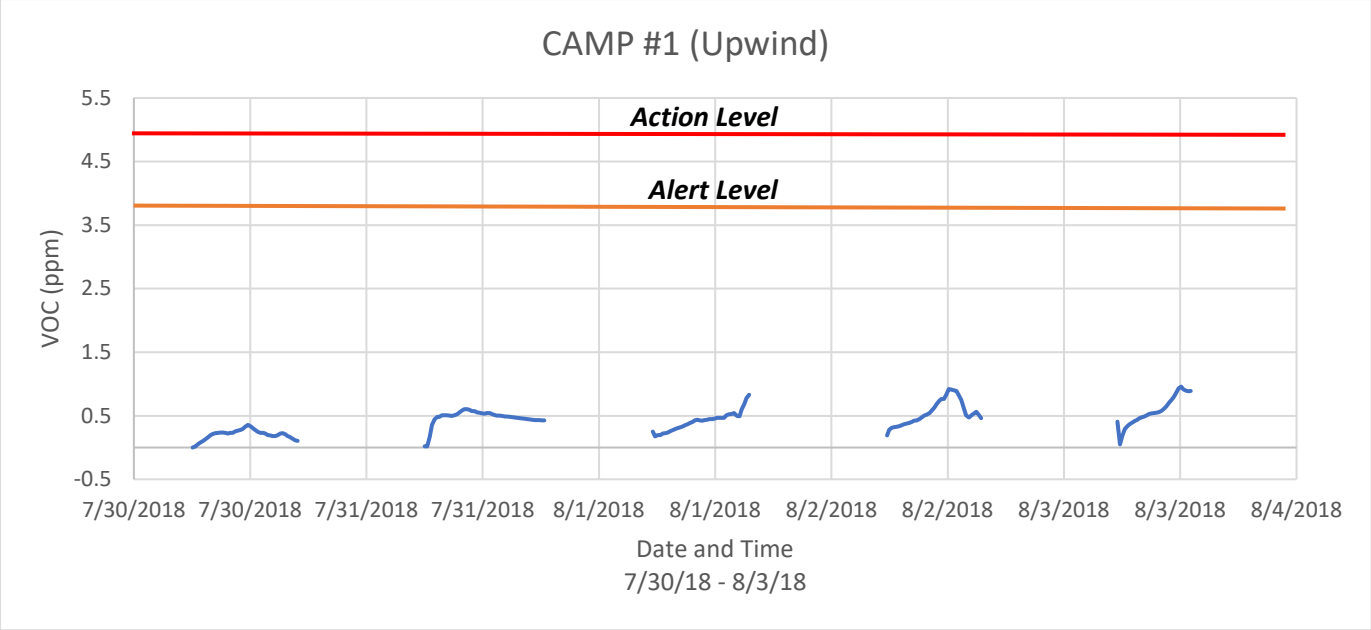
Day	Date (2018)	Remedial Activities Summary
Monday	***30-Jul***	Excavation of STA 7+00 area, loadout stockpile, and WTS operations.
Tuesday	***31-Jul***	Excavation of STA 6+50 to 6+00 area, loadout stockpile, and WTS operations.
Wednesday	***1-Aug***	Excavation of STA 6+50 to 5+50 area, loadout stockpile, and WTS operations.
Thursday	***2-Aug***	Excavation of STA 5+50 to 5+00 area, loadout stockpile, and WTS operations
Friday	***3-Aug***	Excavation of STA 5+00 to 4+75 area, loadout stockpile, and WTS operations
Saturday	***4-Aug***	No intrusive work performed. Water and site management.
Sunday	***5-Aug***	No intrusive work performed. Water and site management.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***30-Jul***	1 – 2	S – SW	59 – 78	96 – 67	0.00
Tuesday	***31-Jul***	1 – 1	N – NE	61 – 82	96 – 70	0.00
Wednesday	***1-Aug***	1 – 2	S – SE	68 – 84	93 – 79	0.66
Thursday	***2-Aug***	6 – 3	S – SW	70 – 80	95 – 79	0.09
Friday	***3-Aug***	2 – 11	ESE – SE	71 – 86	97 – 69	0. 93
Saturday	***4-Aug***	4 – 5	S – SW	70 – 85	96 – 63	0.09
Sunday	***5-Aug***	1 – 5	N – SW	64 – 89	96 – 73	0.00

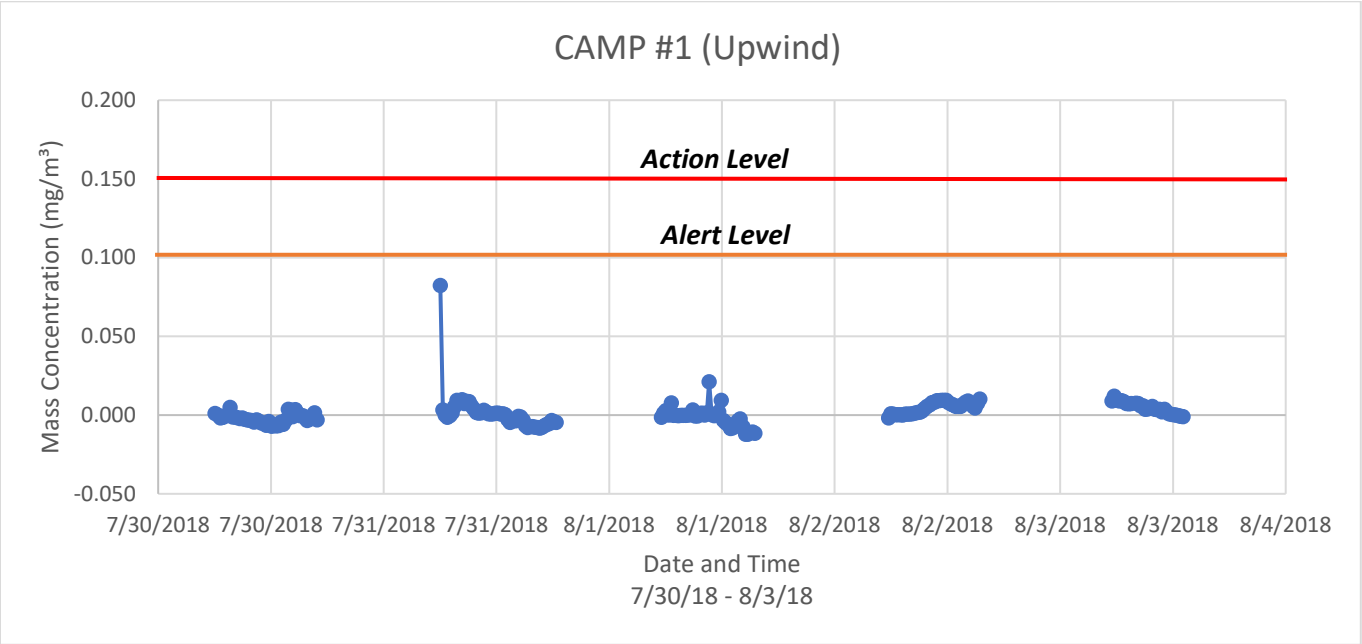
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



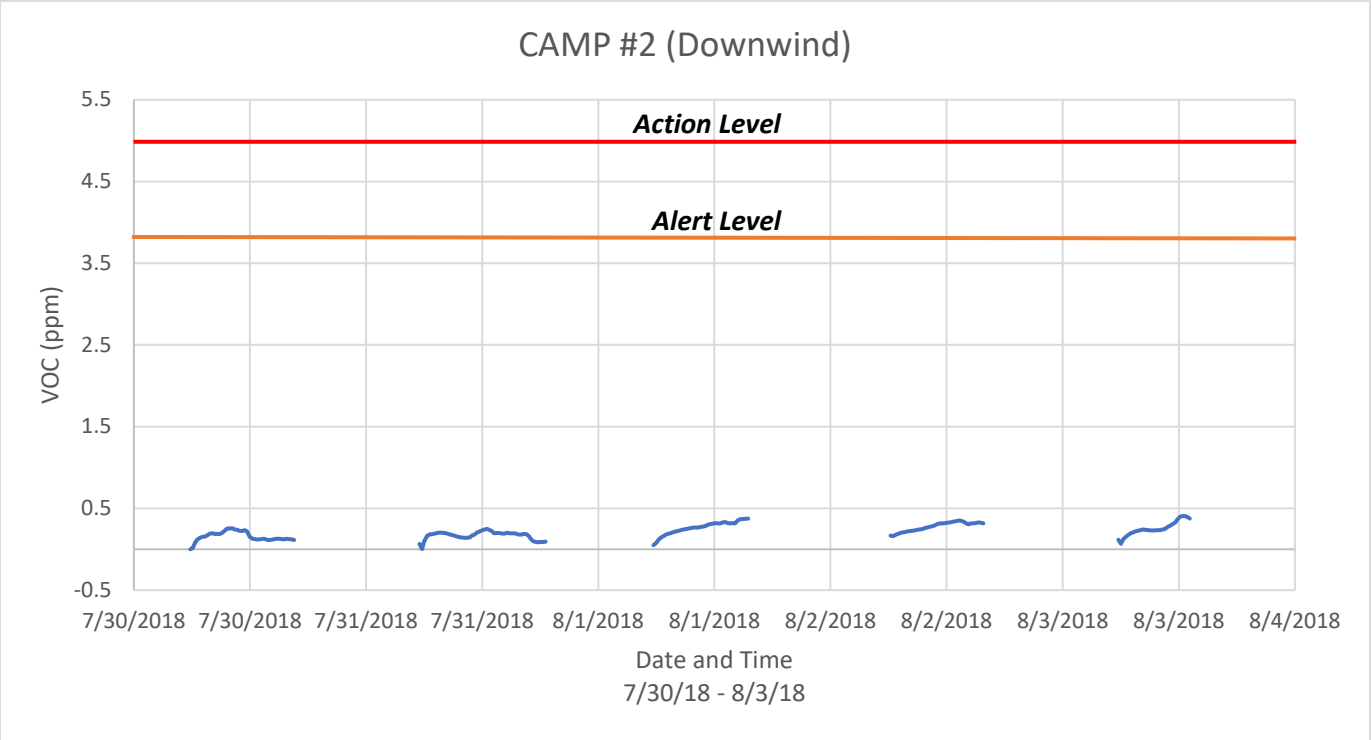
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



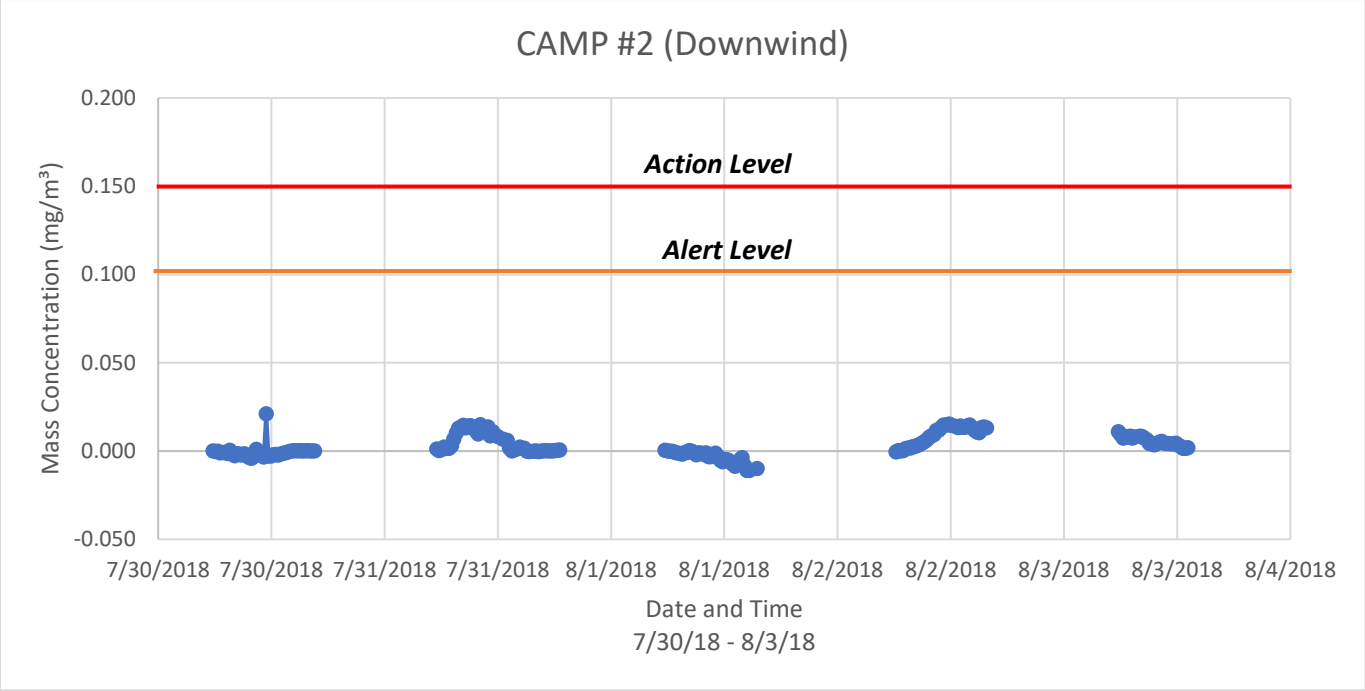
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



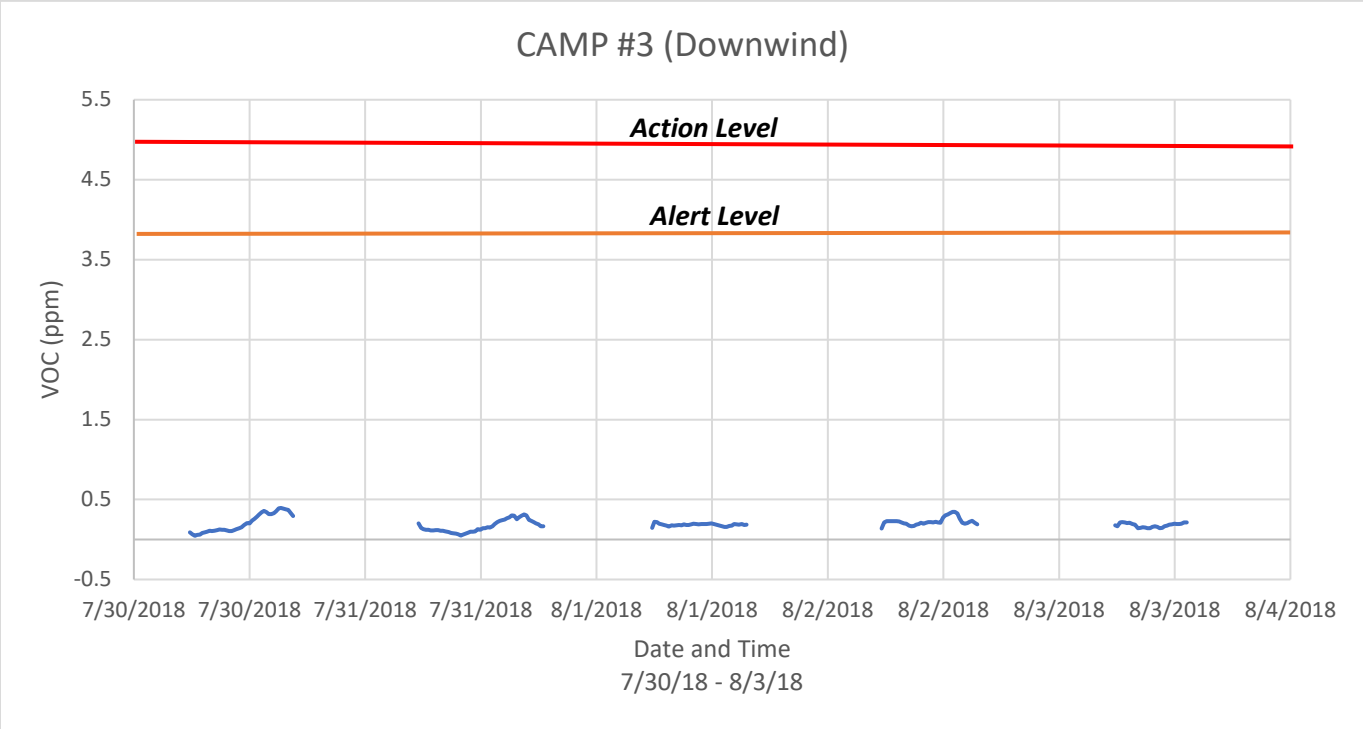
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



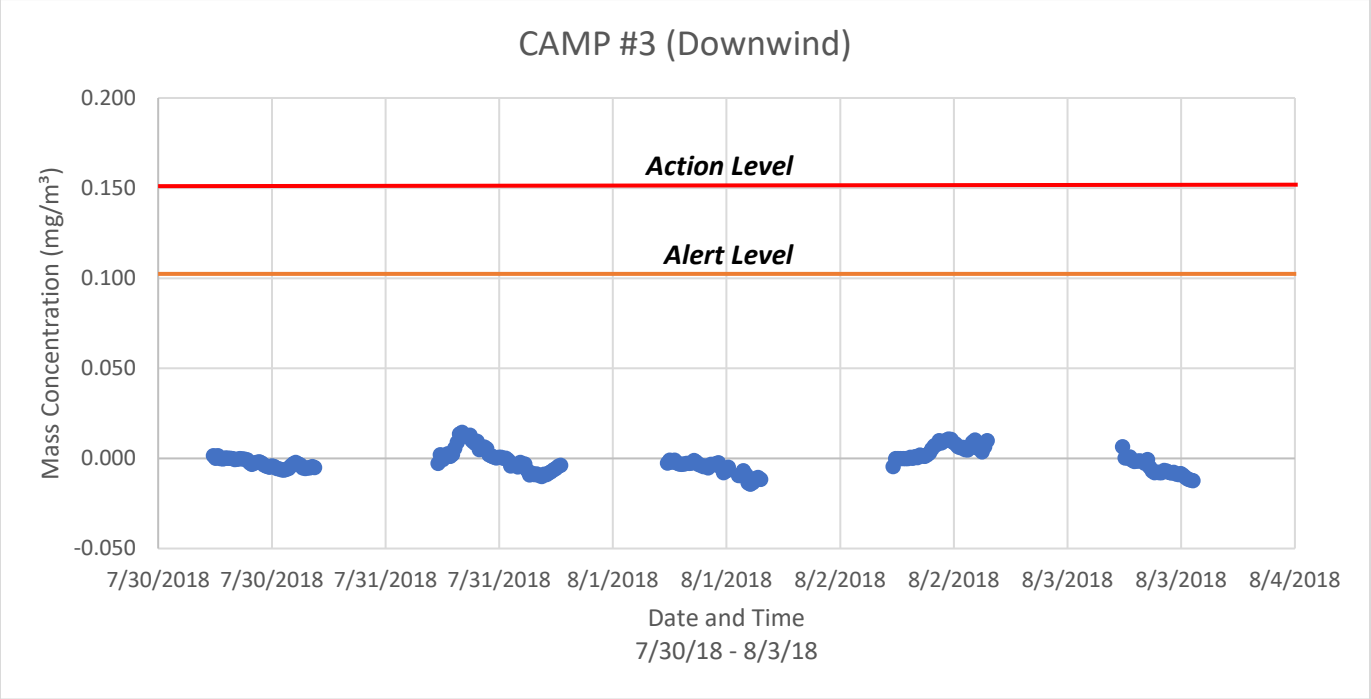
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

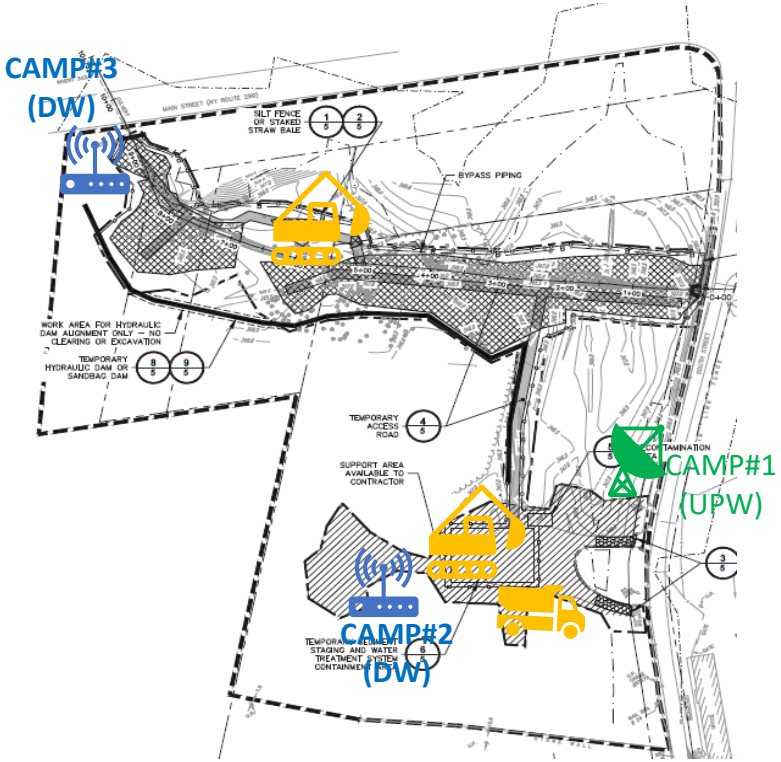
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***30-Jul***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Tuesday	***31-Jul***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***1-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Thursday	***2-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Friday	***3-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Saturday	***4-Aug***	No Datalogging.	Not Datalogging.	No Datalogging.	N/A	N/A
Sunday	***5-Aug***	No Datalogging.	Not Datalogging.	No Datalogging.	N/A	N/A

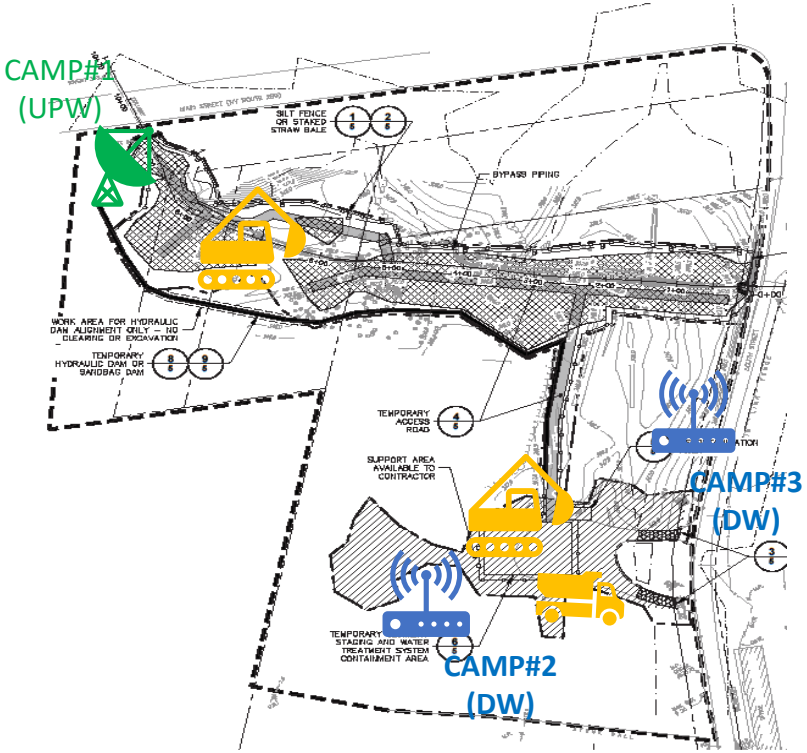
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

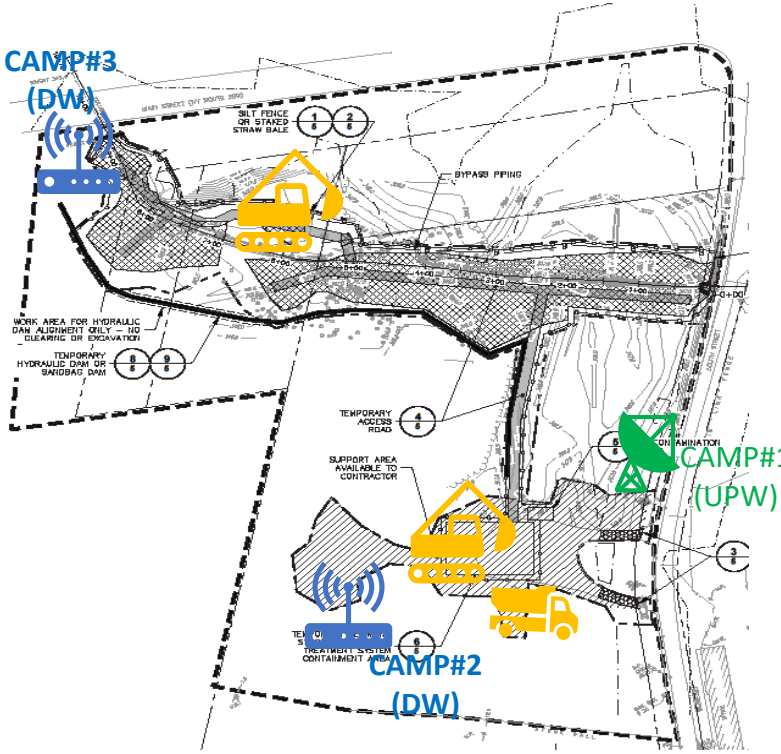
7/30/2018



7/31/2018

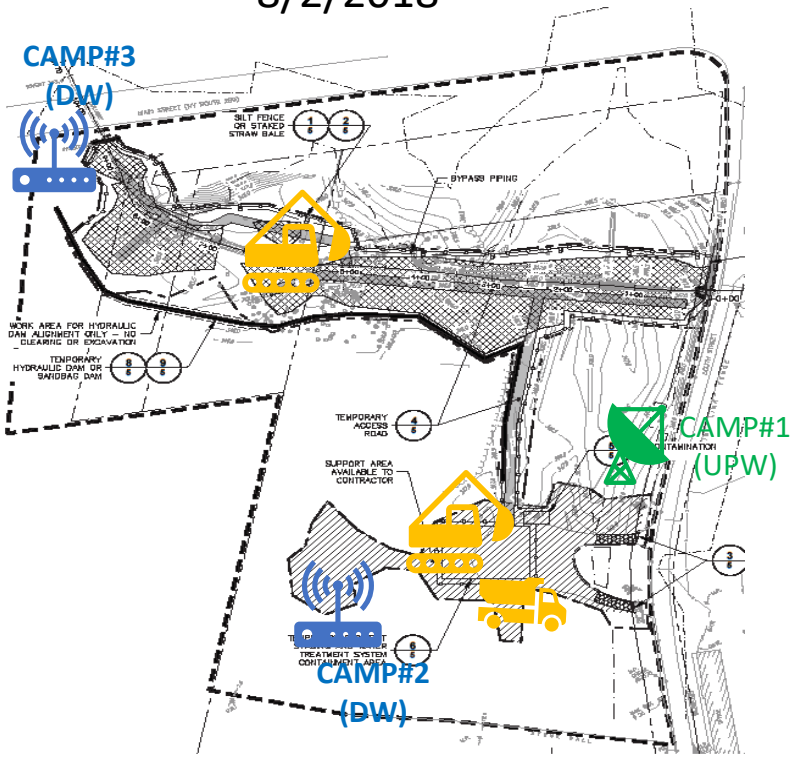


8/1/2018

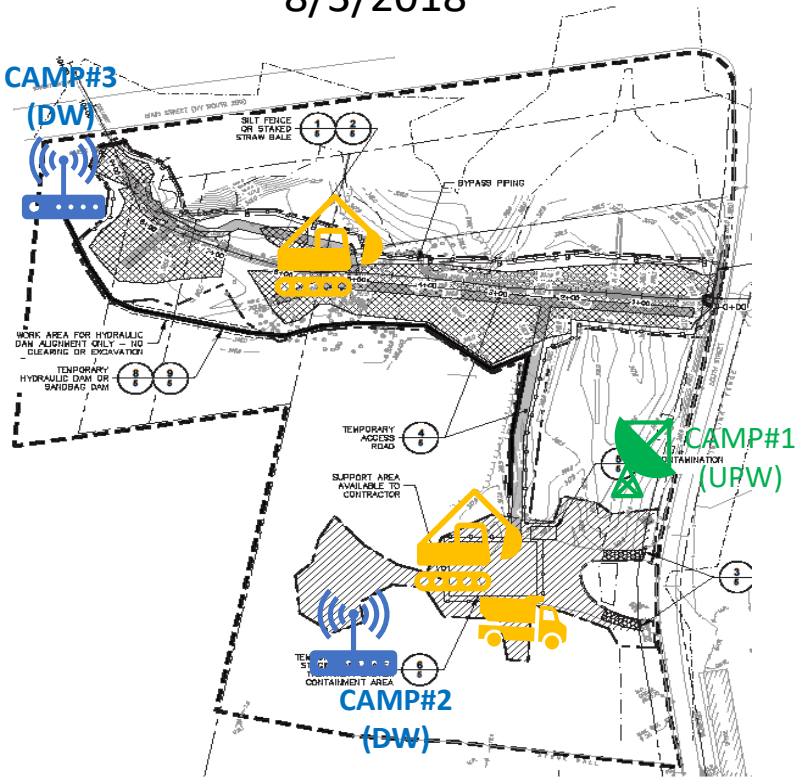


CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

8/2/2018



8/3/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **8-6-2018 to 8-12-2018.** There were seven (7) days of intrusive/excavation work, loading out material, and, WTS operations and dewatering excavation area.

No exceedances were noted with the 15-minute average on both the VOC and Dust measurements.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

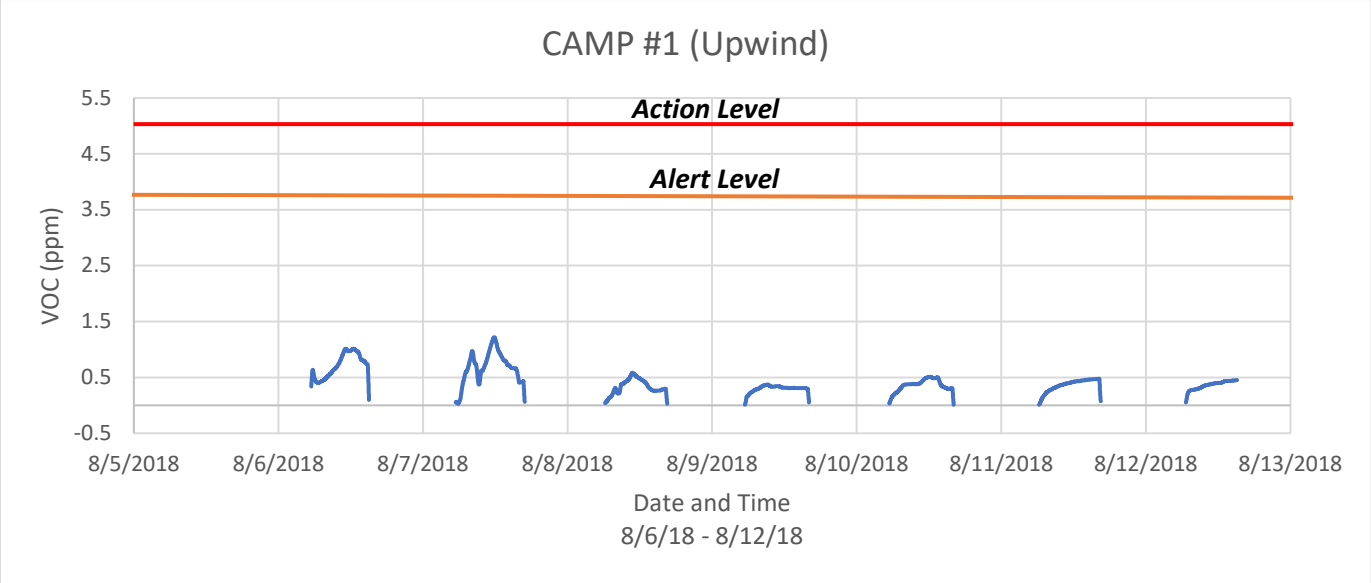
Day	Date (2018)	Remedial Activities Summary
Monday	***6-Aug***	Loadout stockpile and WTS operation management.
Tuesday	***7-Aug***	Excavation of STA 4+50 to 4+00 area, loadout stockpile, and WTS operations.
Wednesday	***8-Aug***	Excavation of STA 4+00 to 3+50 area, loadout stockpile, and WTS operations.
Thursday	***9-Aug***	Loadout stockpile, excavation dewatering, and WTS operation management.
Friday	***10-Aug***	Excavation of STA 3+00 to 2+50 area, loadout stockpile, and WTS operations.
Saturday	***11-Aug***	Excavation of STA 3+00 to 2+50 area, and WTS operations.
Sunday	***12-Aug***	Excavation of STA 3+00 to 2+50 area, and WTS operations.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***6-Aug***	1 – 5	SE – SE	67 – 91	97 – 61	0.00
Tuesday	***7-Aug***	1 – 6	SW – SSW	70 – 86	96 – 67	0.00
Wednesday	***8-Aug***	1 – 2	SW – SW	65 – 83	97 – 73	1.02
Thursday	***9-Aug***	1 – 2	W – W	67 – 82	97 – 71	0.01
Friday	***10-Aug***	1 – 3	N – NE	60 – 80	96 – 73	0.11
Saturday	***11-Aug***	1 – 5	N – N	67 – 70	93 – 94	0.15
Sunday	***12-Aug***	5 – 8	N – NE	68 – 78	95 – 79	0.13

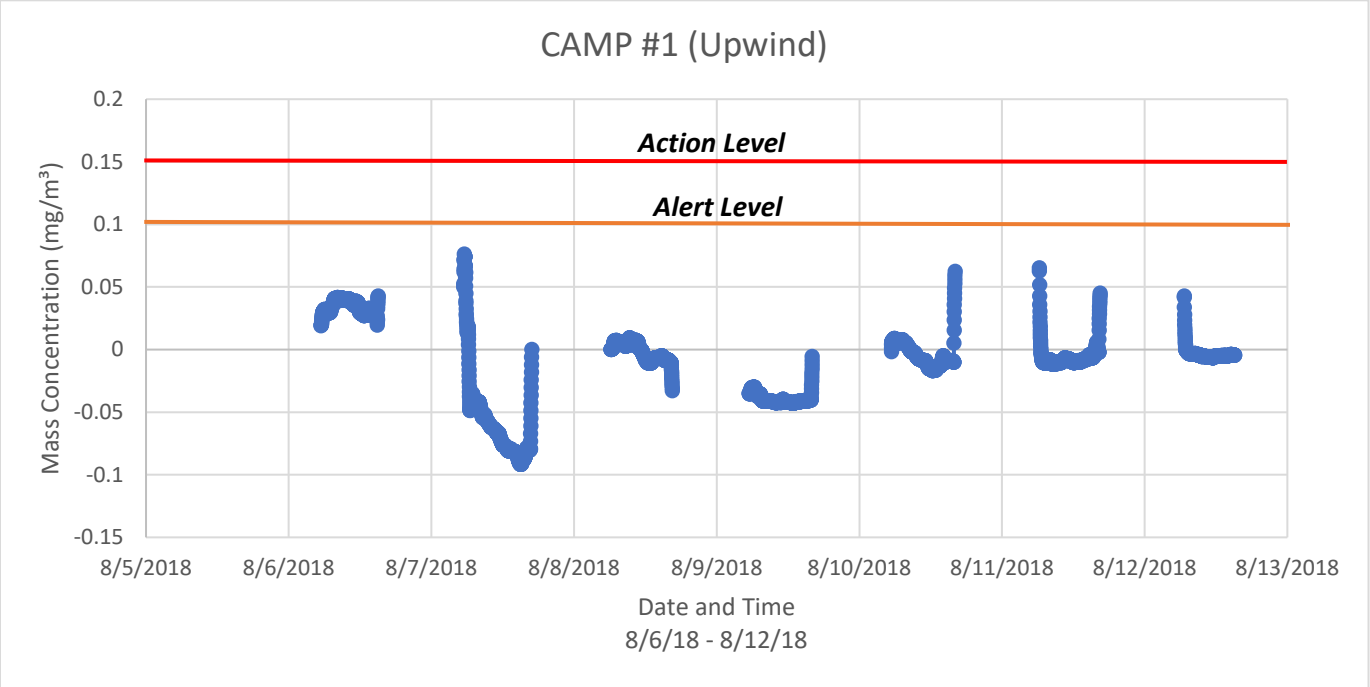
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



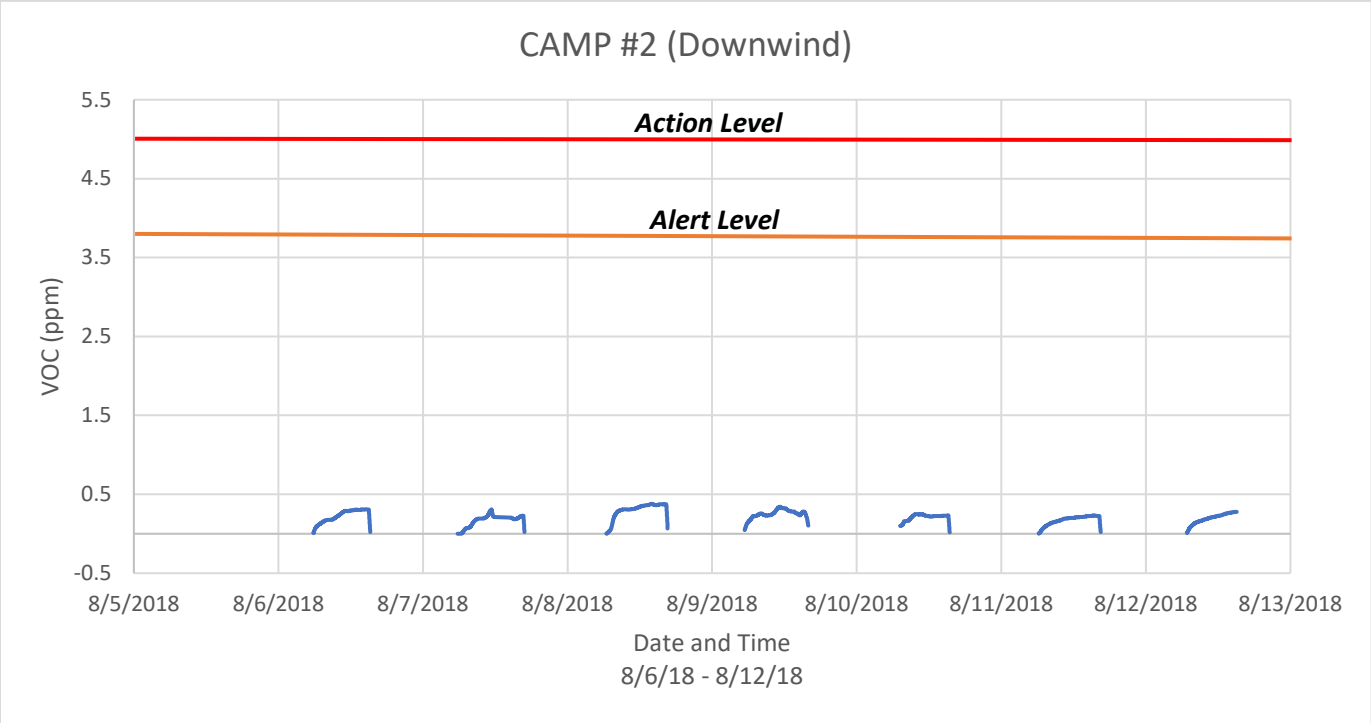
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



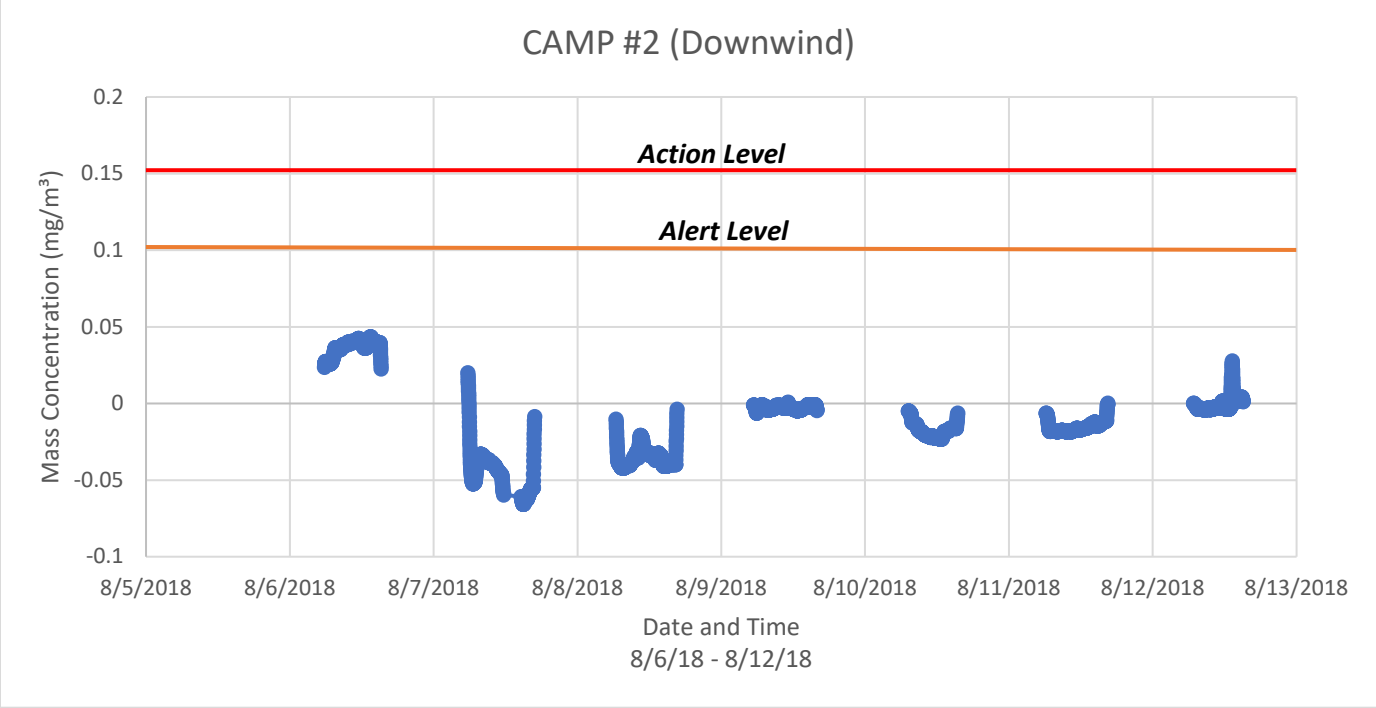
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



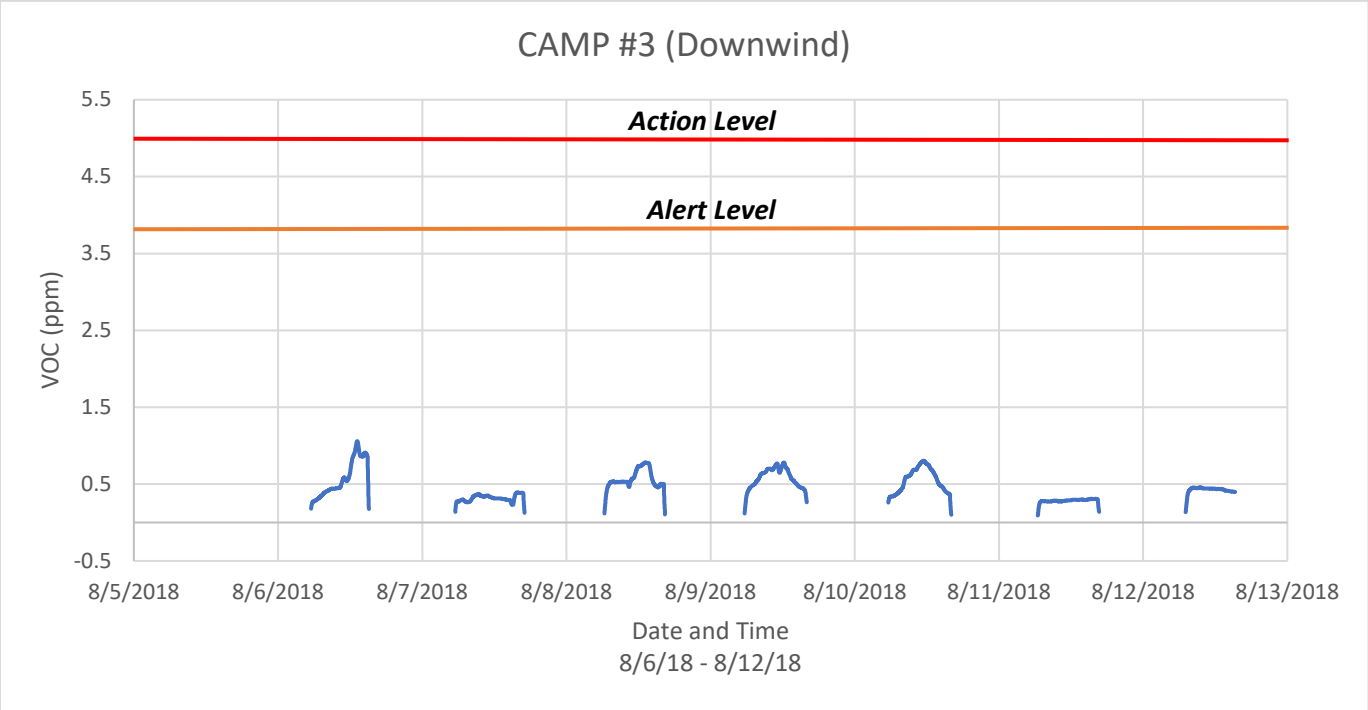
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



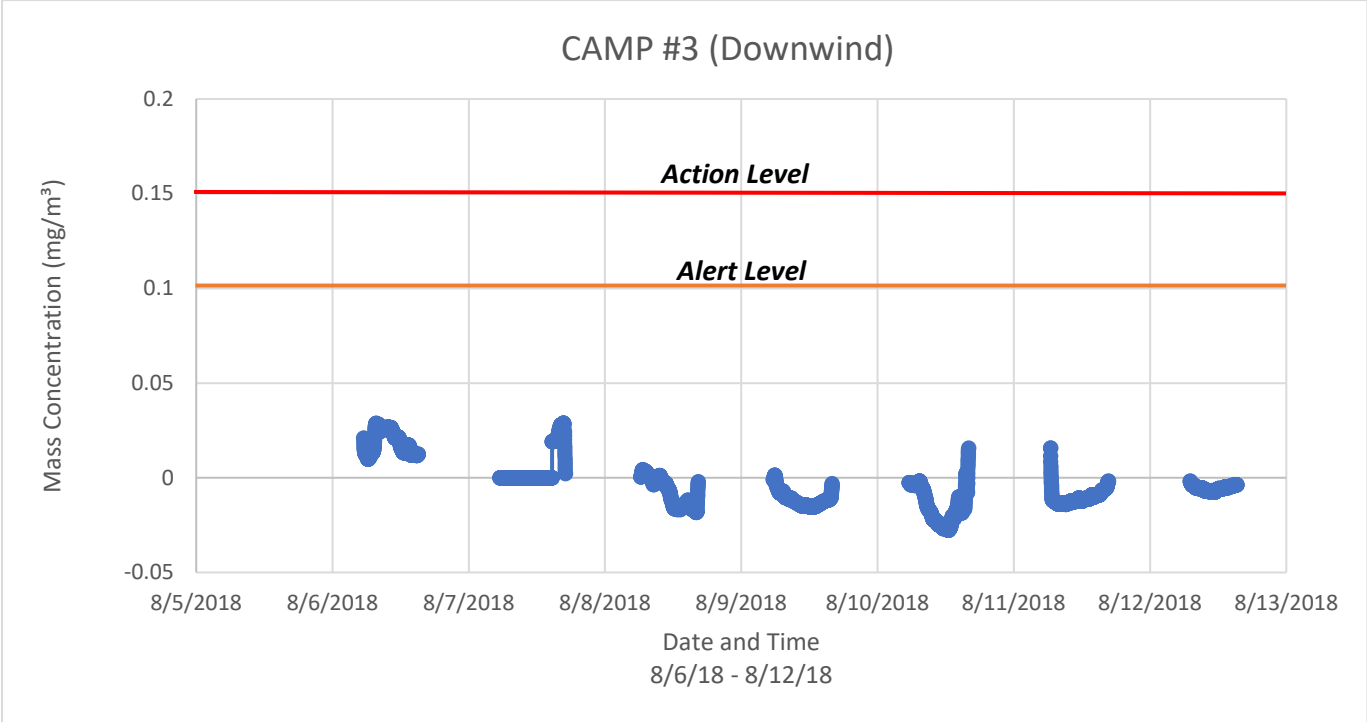
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

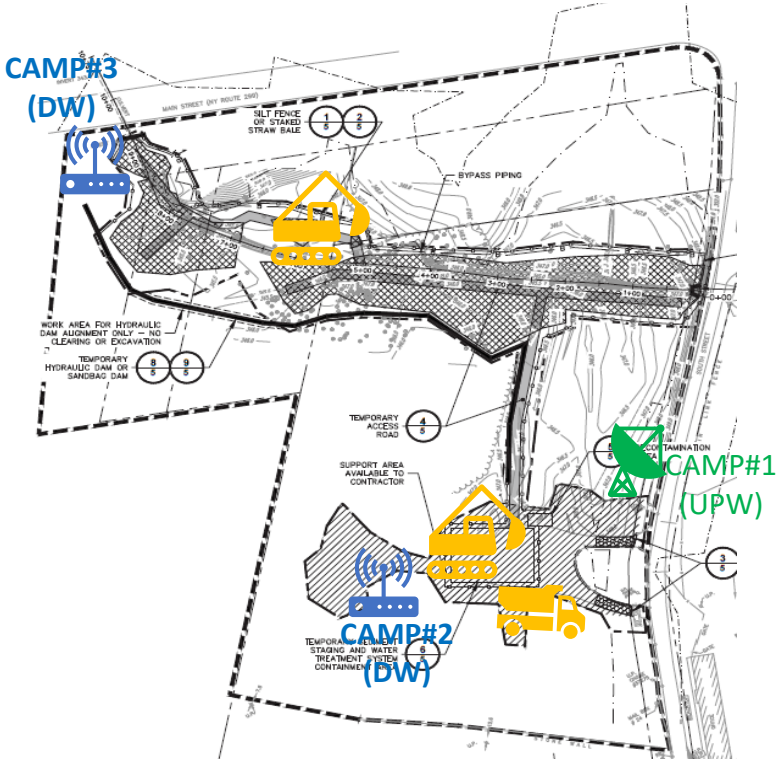
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***6-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Tuesday	***7-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***8-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Thursday	***9-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Friday	***10-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Saturday	***11-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Sunday	***12-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A

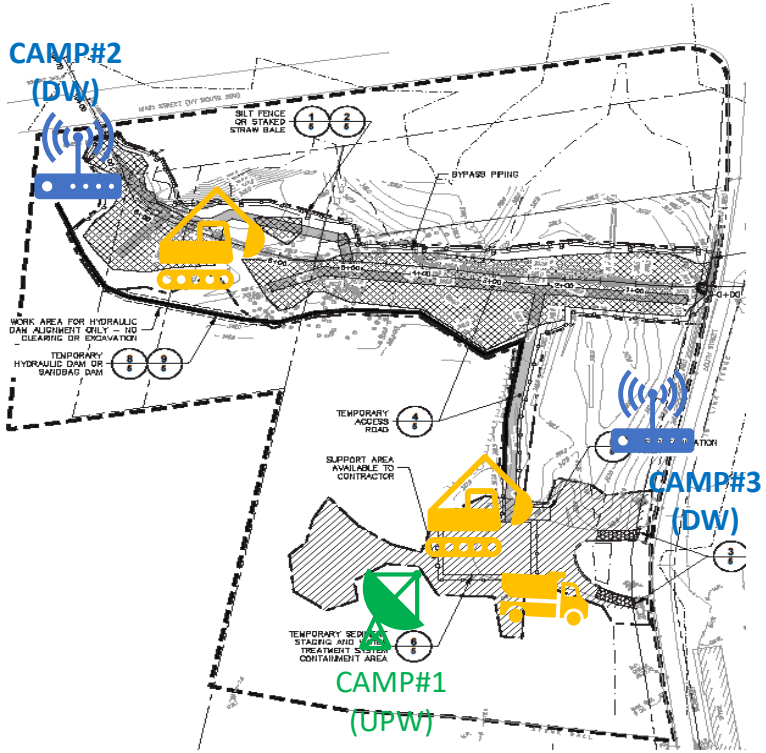
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

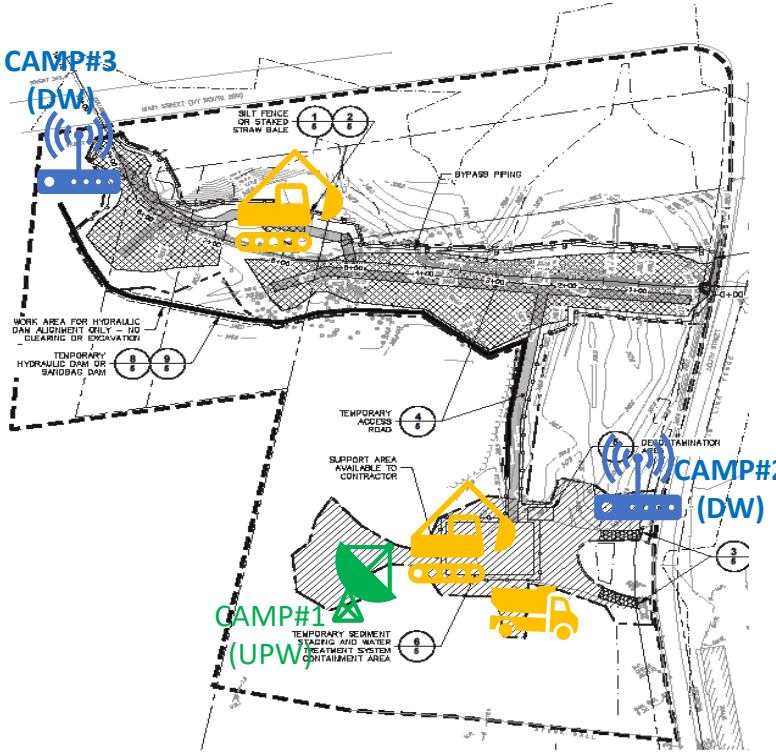
8/6/2018



8/7/2018

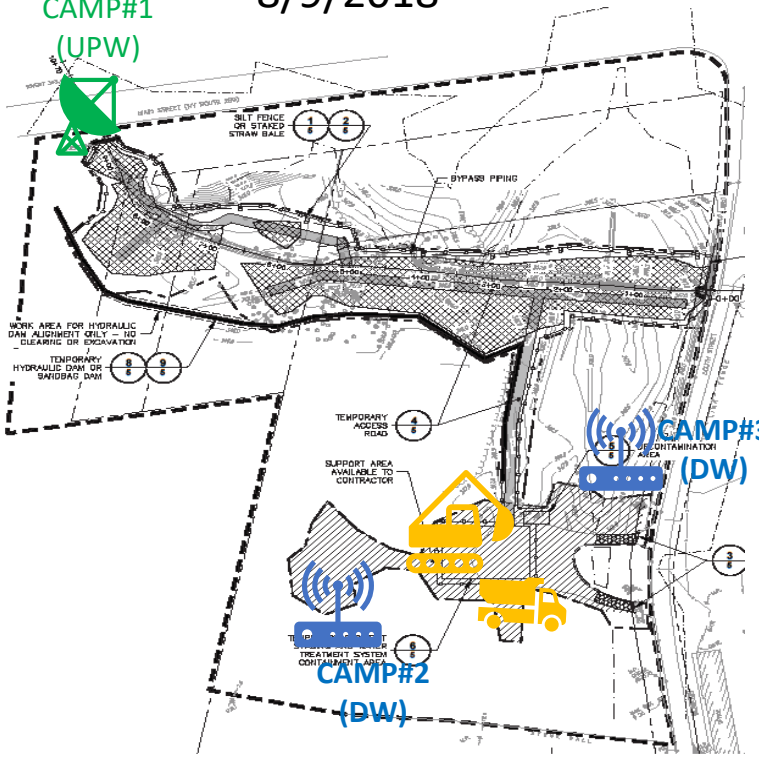


8/8/2018

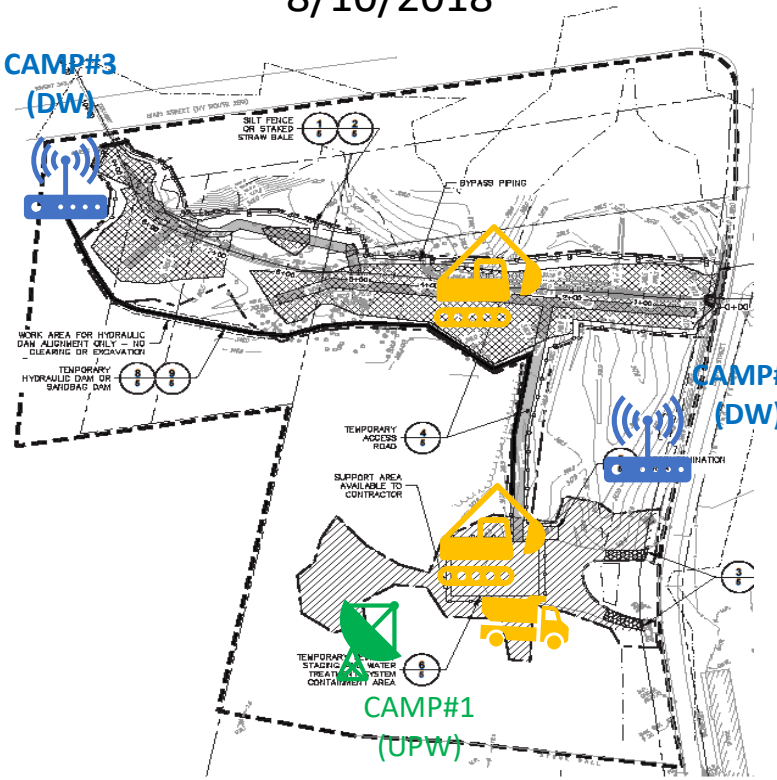


CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

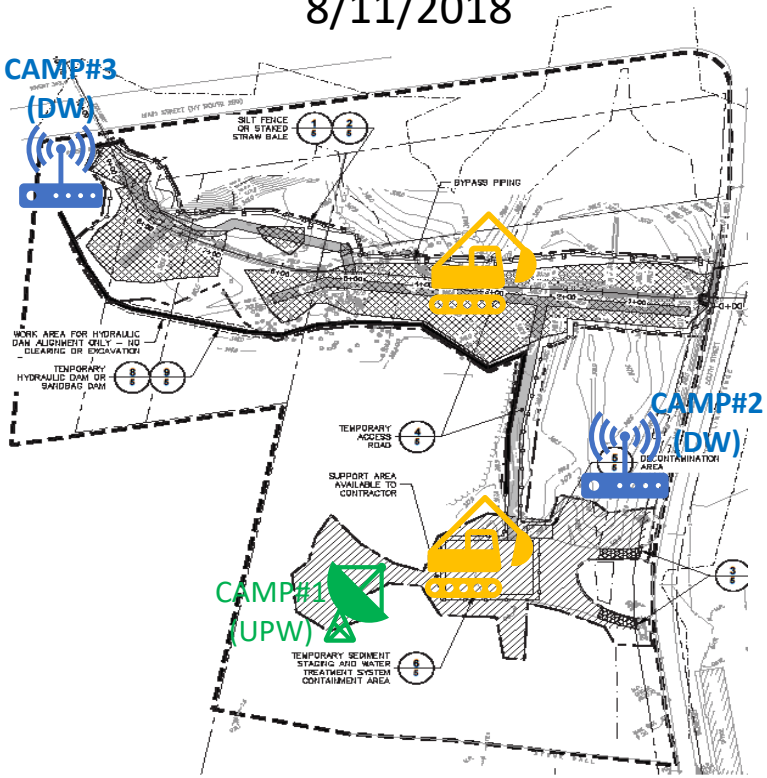
8/9/2018



8/10/2018

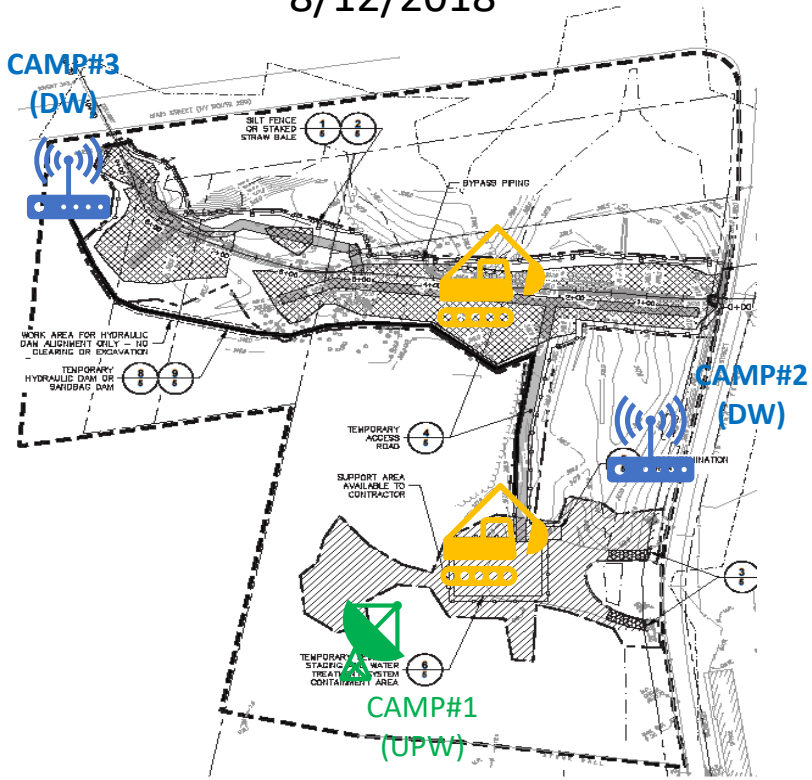


8/11/2018



CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

8/12/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **8-13-2018 to 8-19-2018.** There were seven (7) days of intrusive/excavation work, loading out material, and, WTS operations and dewatering excavation area.

Equipment was swapped out and services provided on 8/16/18 by HSE. Due to conflicting issues with recent equipment rented, Abscope transitioned to be supplied with equipment controlled by HSE to help mitigate any potential issues with data and readings with future intrusive work at the site. Moving forward, all equipment will be supplied by HSE.

No exceedances were noted with the 15-minute average on the VOC and Dust collecting equipment. Two data issues to point out while looking over the data on dates 8/16/18 and 8/17/18, you will notice the levels were above the Alert Level. However, when you take the difference between the background data (CAMP #1 Upwind) and the corresponding CAMP that exceeded (CAMP #2 Downwind), you will see that there was no exceedance that occurred. These levels are depicted with a  above the corresponding CAMP.

Lastly, you will also note a few days with no VOC data recorded. Though the MiniRae PID did show operation, it did not record into the database and thus isn't available for review. We have worked forward to mitigate this issue from happening again.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

This report was reviewed by HSE and the matters discussed throughout this report did not raise any concerns from the data or the equipment.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

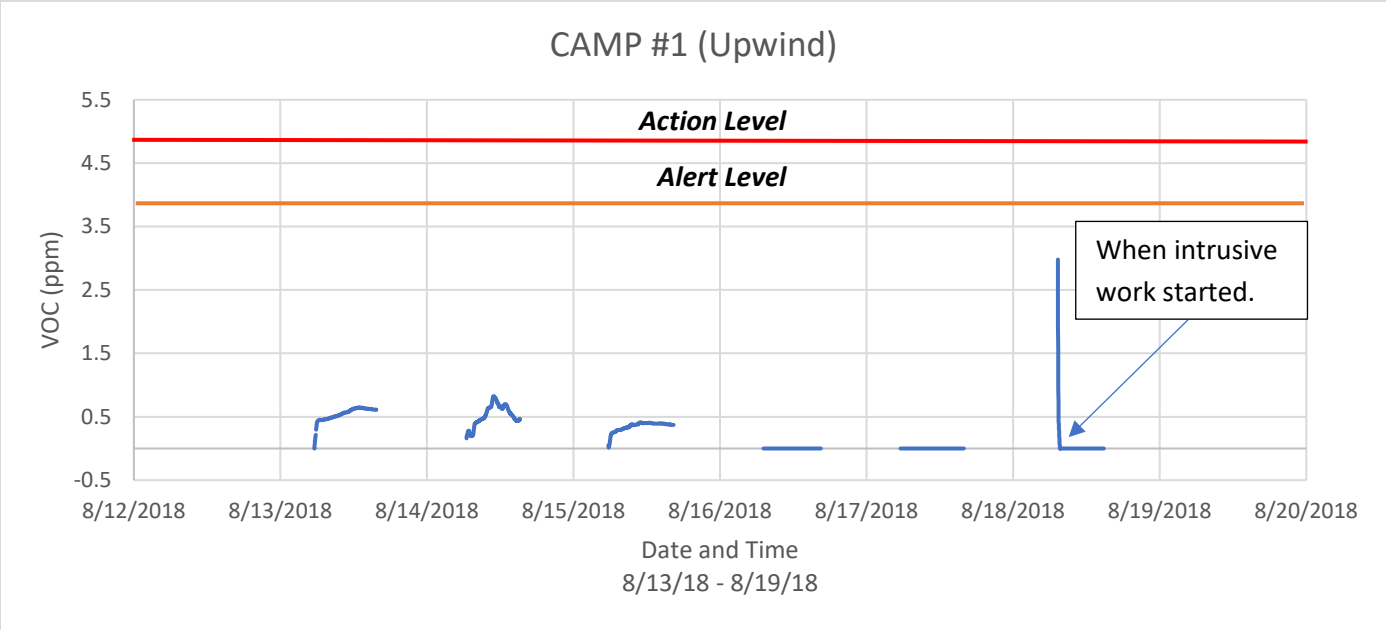
Day	Date (2018)	Remedial Activities Summary
Monday	***13-Aug***	Excavation of STA 3+00 to 2+50 area, loadout stockpile, and WTS operations.
Tuesday	***14-Aug***	No intrusive work. Loadout stockpile, dewater, and WTS operations.
Wednesday	***15-Aug***	Excavation of STA 3+00 area, loadout stockpile, and WTS operations.
Thursday	***16-Aug***	Excavation of STA 0+00 to 0+50 area, loadout stockpile, and WTS operations.
Friday	***17-Aug***	Excavation of STA 0+00 to 0+50 area, loadout stockpile, and WTS operations.
Saturday	***18-Aug***	Excavation of STA 0+00 to 1+00 area, and WTS operations.
Sunday	***19-Aug***	Excavation of STA 0+00 to 1+00 area, and WTS operations.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***13-Aug***	5 – 4	NNE – NE	70 – 72	93 – 95	0.61
Tuesday	***14-Aug***	1 – 1	SW – SSE	69 – 72	95 – 91	0.09
Wednesday	***15-Aug***	1 – 5	NNE – NW	63 – 88	97 – 55	0.01
Thursday	***16-Aug***	1 – 2	SW – W	66 – 89	97 – 73	0.01
Friday	***17-Aug***	1 – 3	N – NE	60 – 80	96 – 73	0.16
Saturday	***18-Aug***	2 – 7	N – NNE	72 – 73	96 – 85	0.40
Sunday	***19-Aug***	2 – 4	N – NE	68 – 75	84 – 66	0.00

Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

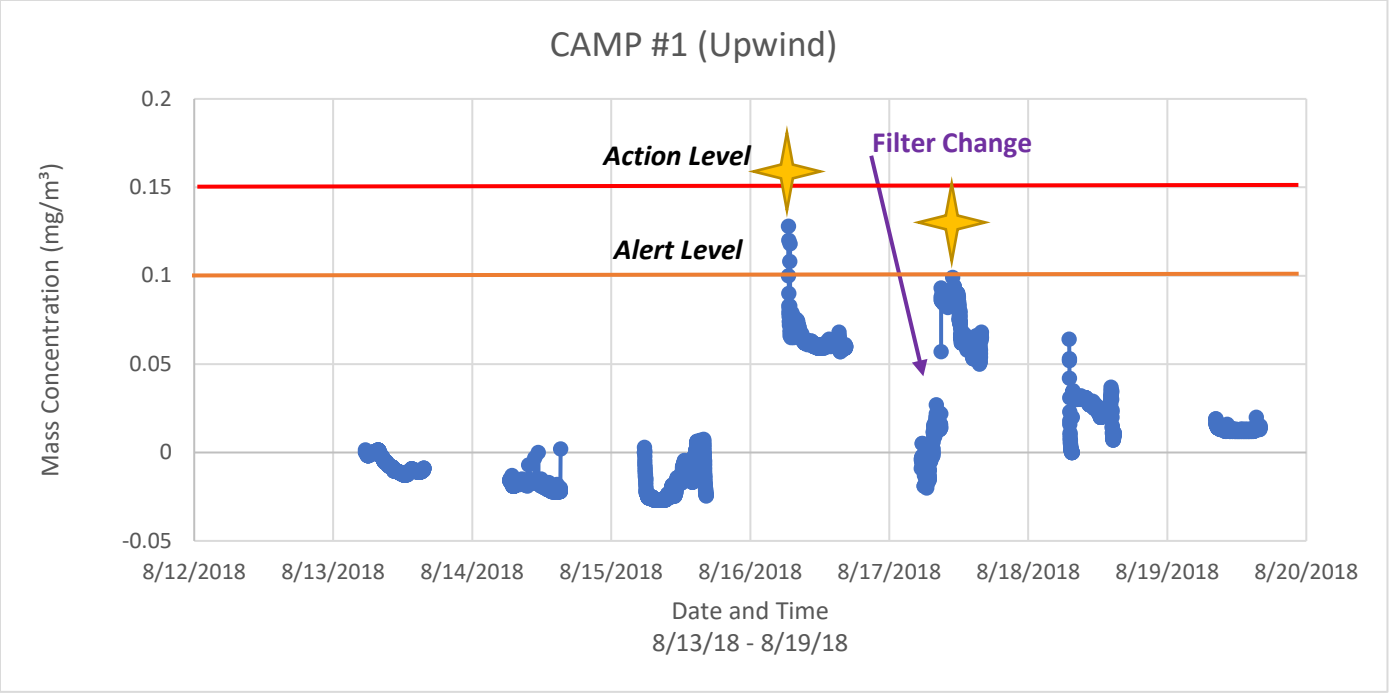
CAMP #1 (Upwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

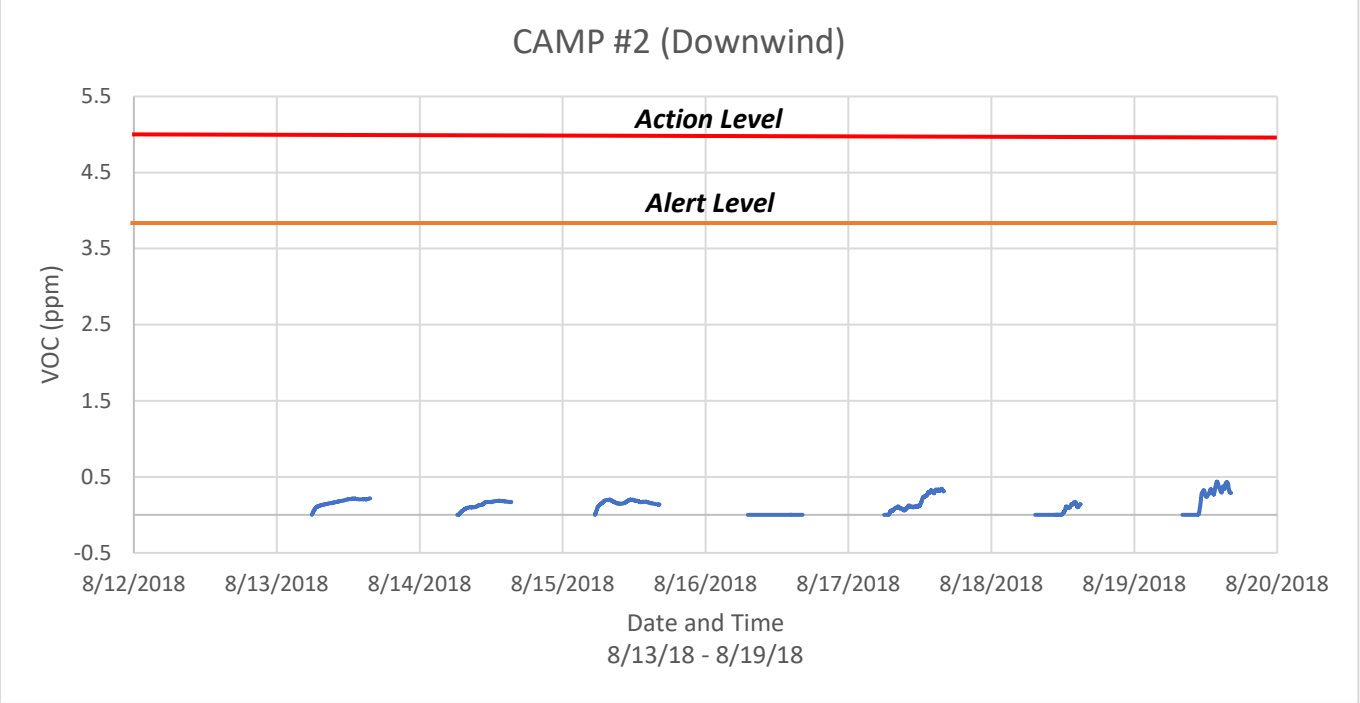
***MiniRae PID issues on 8/19/18. Could not get to record data.**

CAMP #1 (Upwind) – Mass concentration (mg/m³):



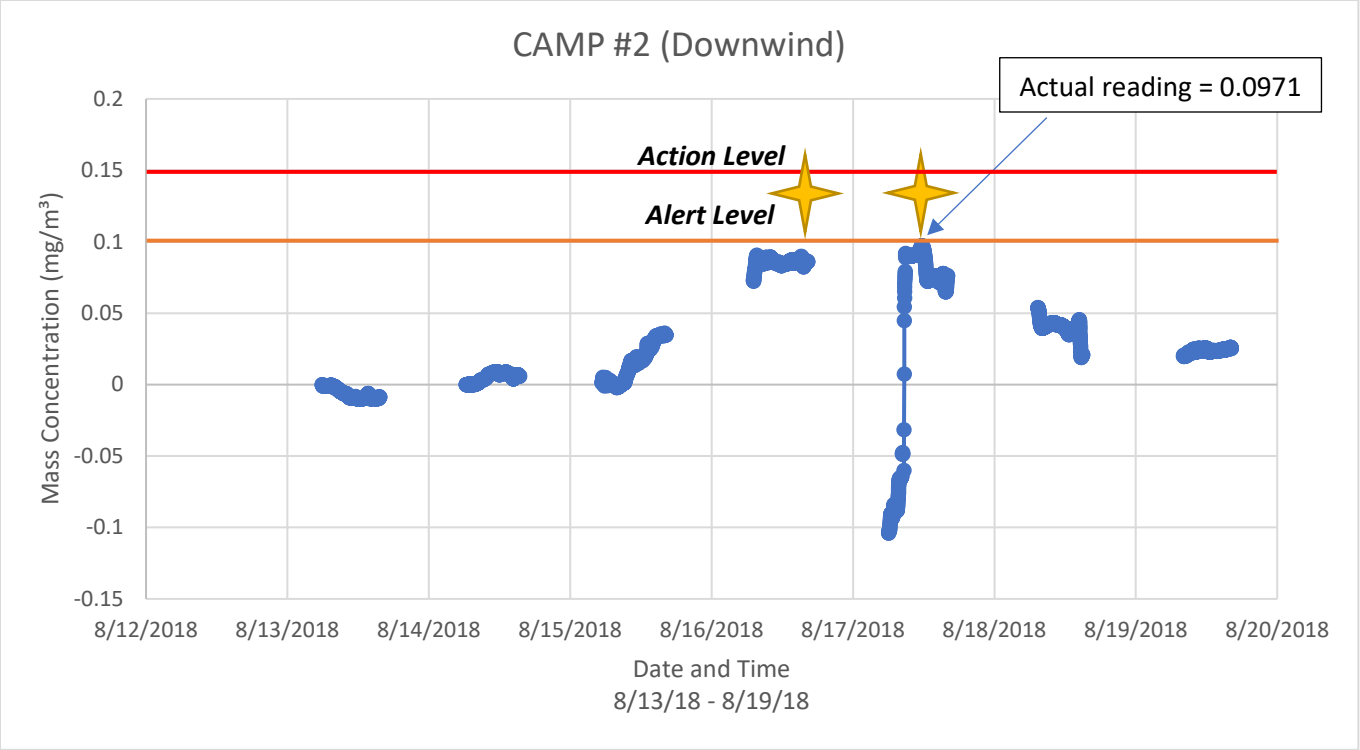
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



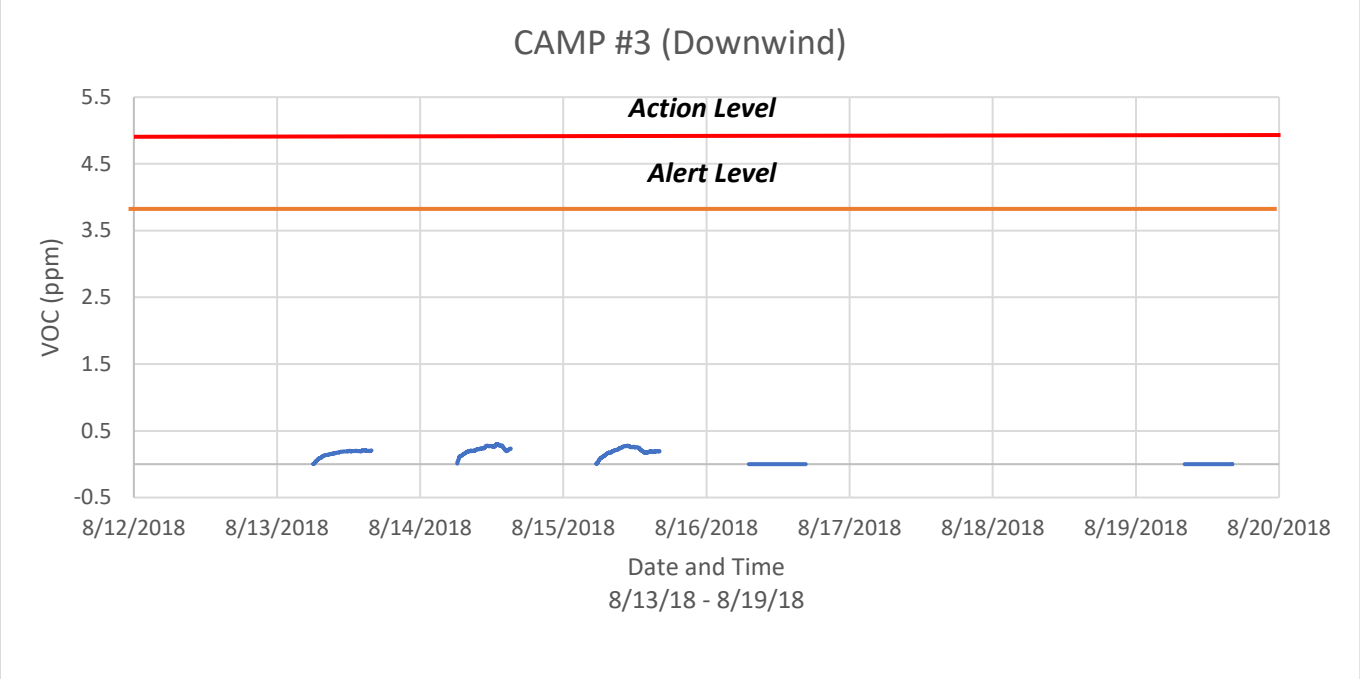
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

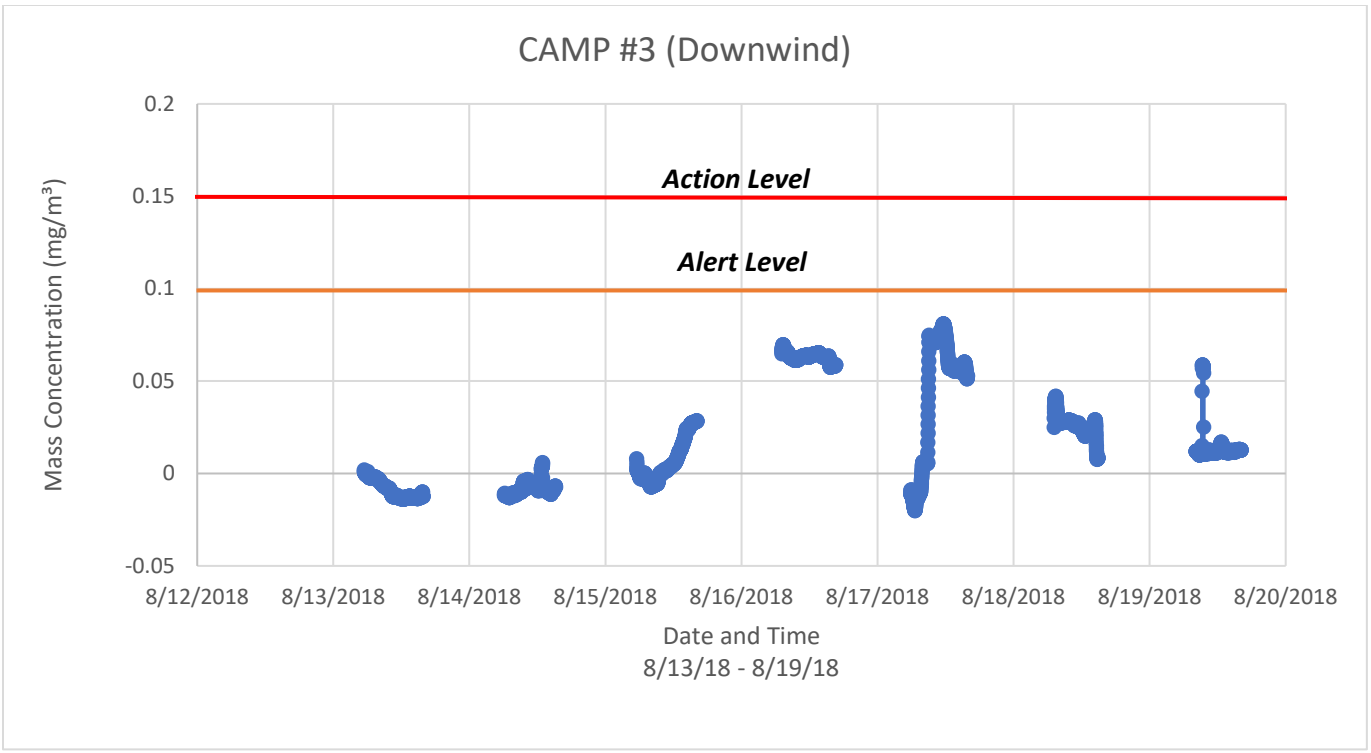
CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

***MiniRae PID issues on 8/17, and 8/18/18. Could not get to record data.**

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

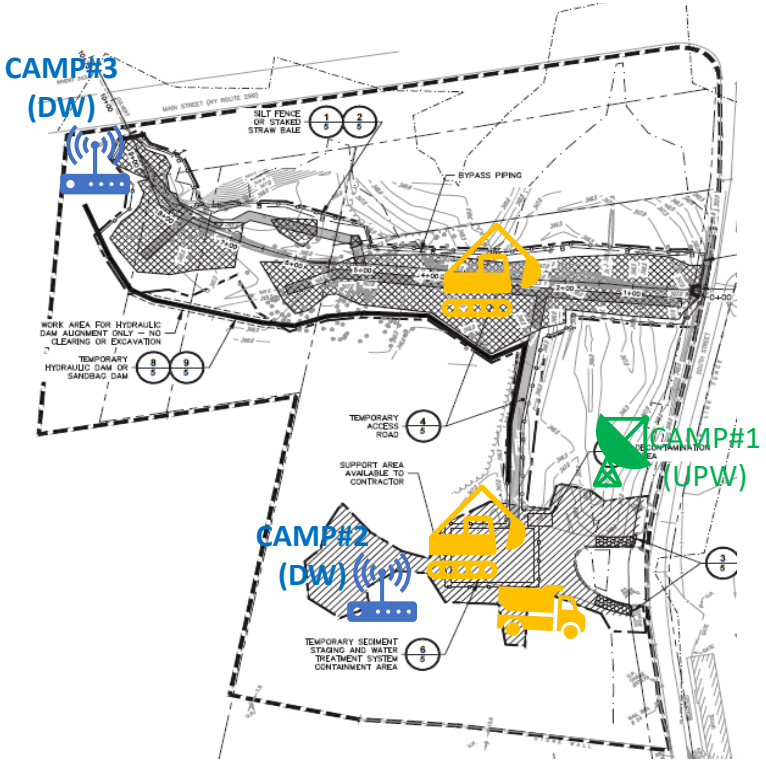
Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***13-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Tuesday	***14-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***15-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Thursday	***16-Aug***	Datalogging, Elevated Levels.	Datalogging, Elevated Levels.	Datalogging.	No Alert due to background data and specific CAMP difference.	None
Friday	***17-Aug***	Datalogging, Elevated Levels.	Datalogging, Elevated Levels.	Datalogging dust only. PID running, not recording.	No Alert due to background data and	None

					specific CAMP difference.	
Saturday	***18-Aug***	Datalogging.	Datalogging.	Datalogging dust only. PID running, not recording.	N/A	N/A
Sunday	***19-Aug***	Datalogging dust only. PID running, not recording.	Datalogging.	Datalogging.	N/A	N/A

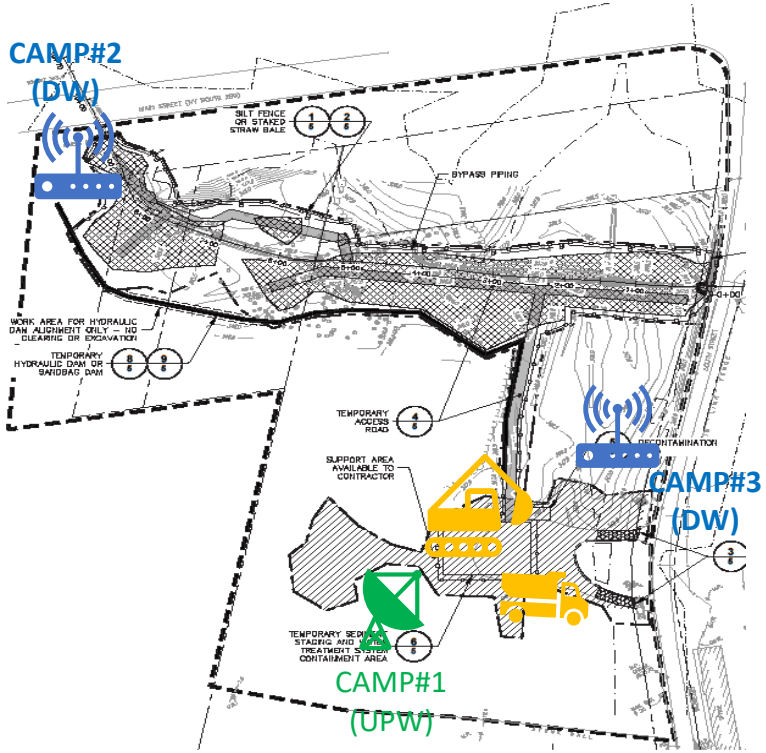
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

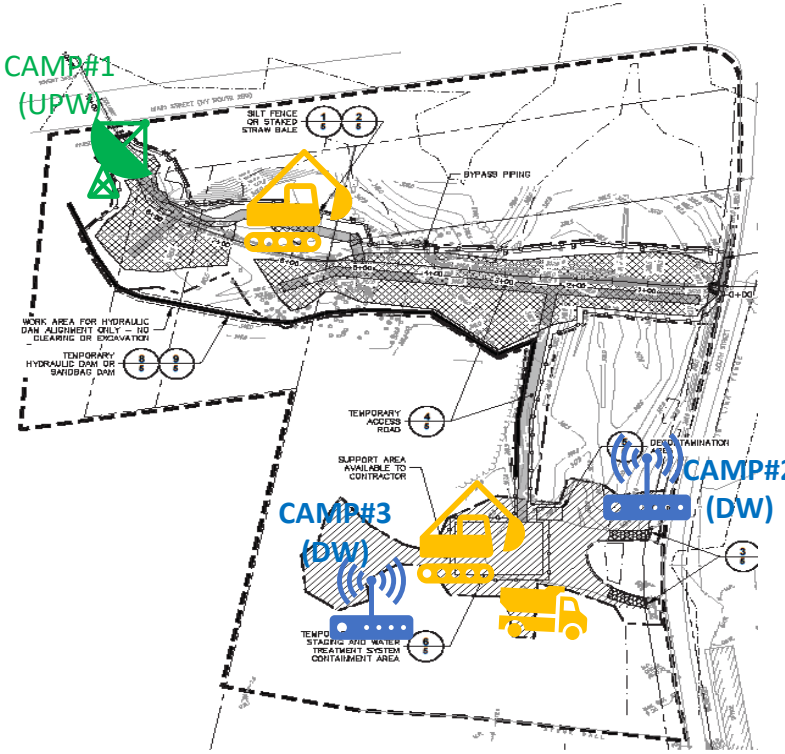
8/13/2018



8/14/2018

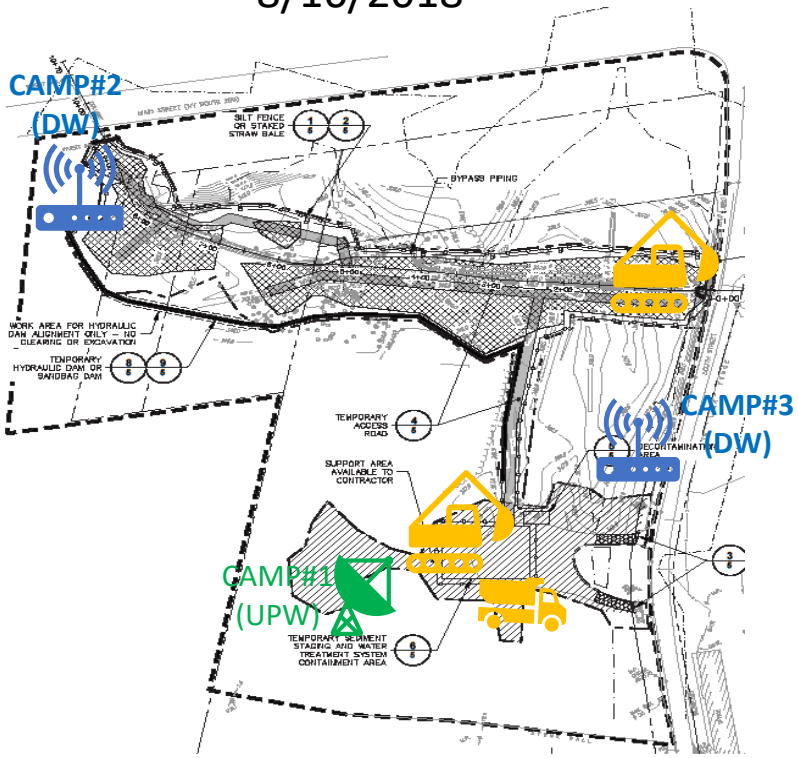


8/15/2018

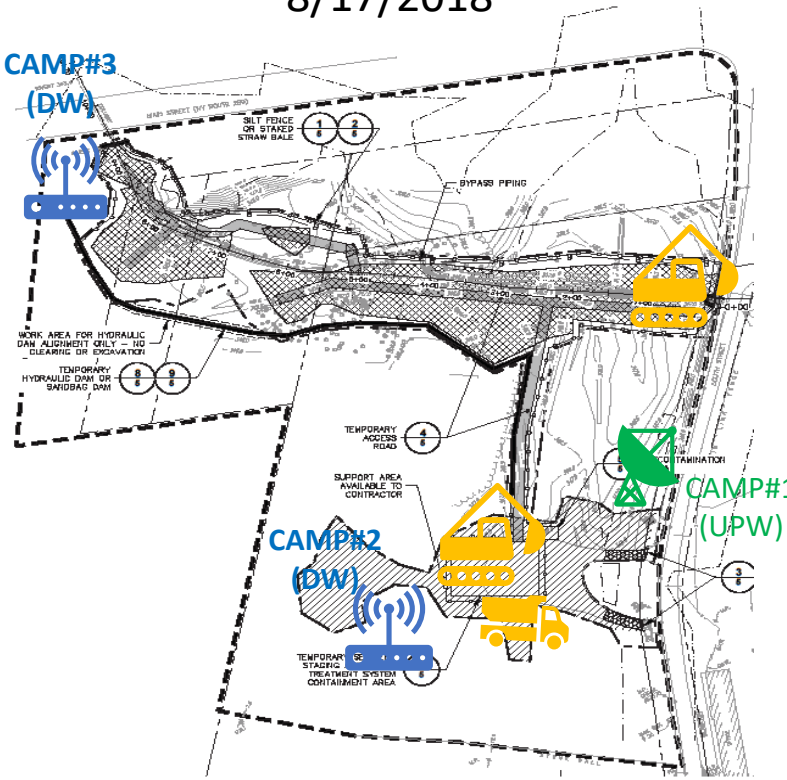


CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

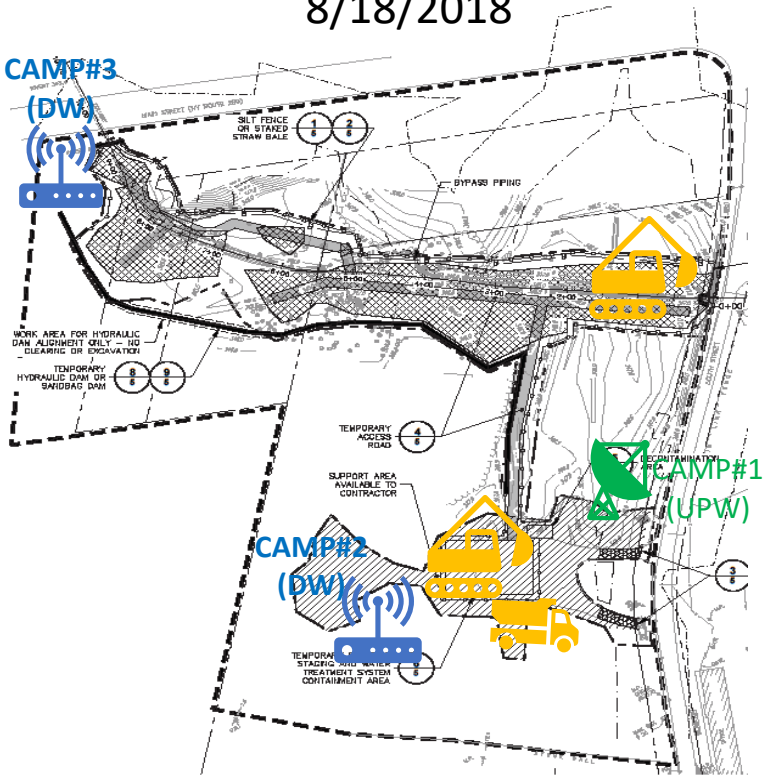
8/16/2018



8/17/2018

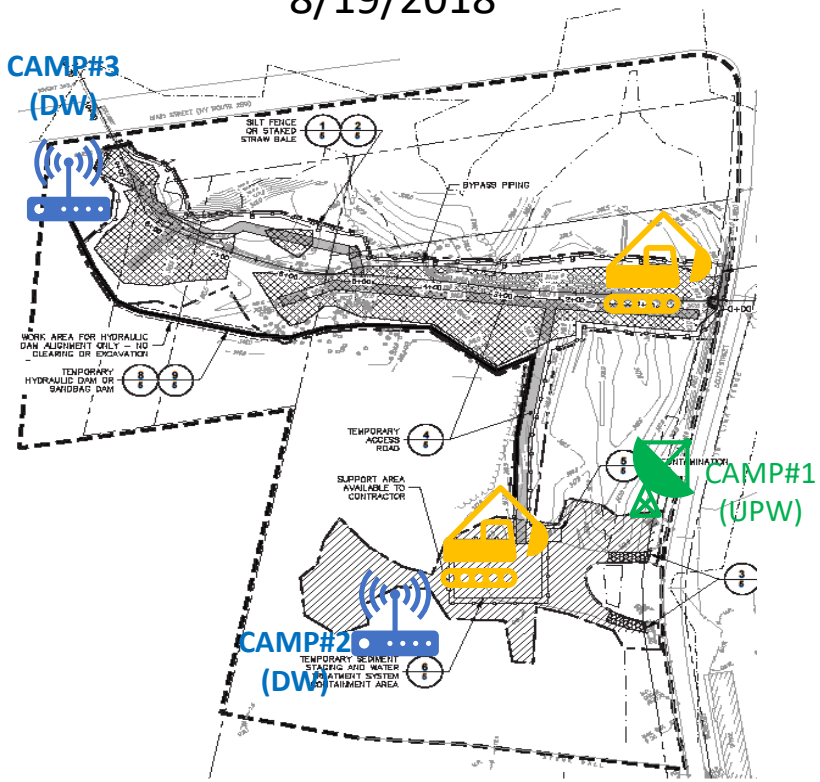


8/18/2018



CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

8/19/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **8-20-2018 to 8-24-2018.** There were five (5) days of intrusive/excavation work, loading out material, and, WTS operations and dewatering excavation area.

No exceedances of the 15-minute average concentrations were recorded on the VOC and Dust collecting equipment at downwind monitoring locations.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

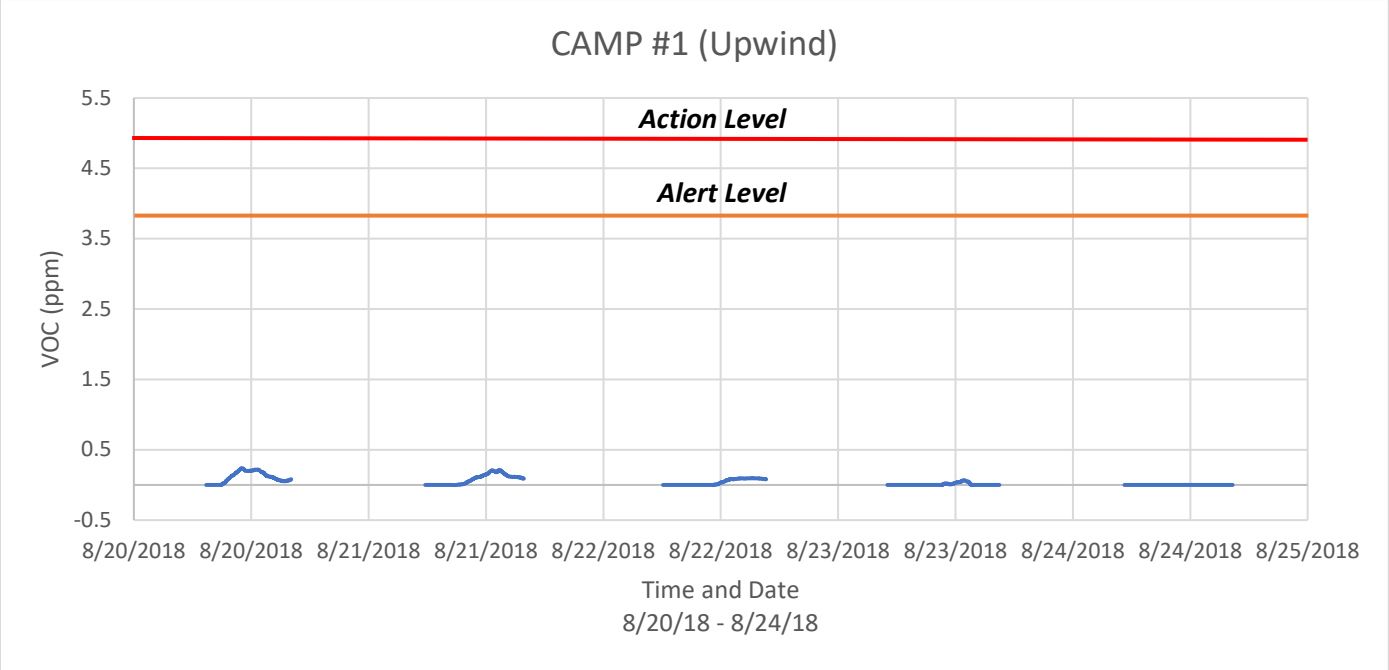
Day	Date (2018)	Remedial Activities Summary
Monday	***20-Aug***	Excavation of STA 0+00 to 1+00 area, loadout stockpile, and WTS operations.
Tuesday	***21-Aug***	Excavation of STA 1+50 to 1+00 area, loadout stockpile, and WTS operations.
Wednesday	***22-Aug***	Excavation of STA 1+50 to 1+00 area, loadout stockpile, and WTS operations.
Thursday	***23-Aug***	Excavation of STA 2+00 to 1+50 area, loadout stockpile, and WTS operations.
Friday	***24-Aug***	Excavation of STA 2+00 to 1+50 area, loadout stockpile, and WTS operations.
Saturday	***25-Aug***	No intrusive work. Moved dewatering pumps and removed mud matts.
Sunday	***26-Aug***	No intrusive work. Operated WTS and dewatered excavation cells.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***20-Aug***	3 – 10	NE – NE	63 – 77	90 – 69	0.00
Tuesday	***21-Aug***	5 – 11	ENE – E	67 – 78	88 – 65	0.00
Wednesday	***22-Aug***	1 – 4	N – WNW	68 – 82	97 – 60	0.45
Thursday	***23-Aug***	1 – 10	NW – W	65 – 76	80 – 48	0.01
Friday	***24-Aug***	1 – 4	SW – S	53 – 83	96 – 53	0.00
Saturday	***25-Aug***	1 – 3	SW – S	57 – 73	93 – 65	0.00
Sunday	***26-Aug***	1 – 5	SW – SSW	61 – 81	88 – 62	0.00

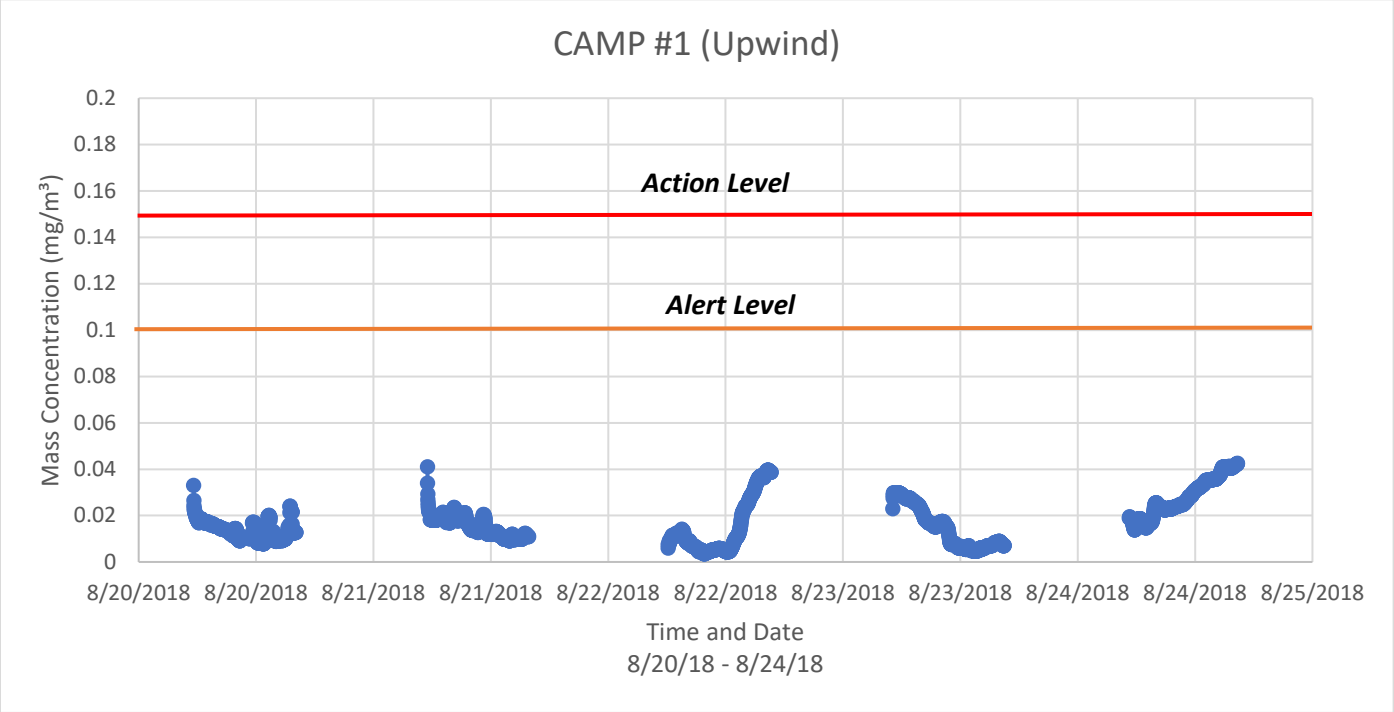
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



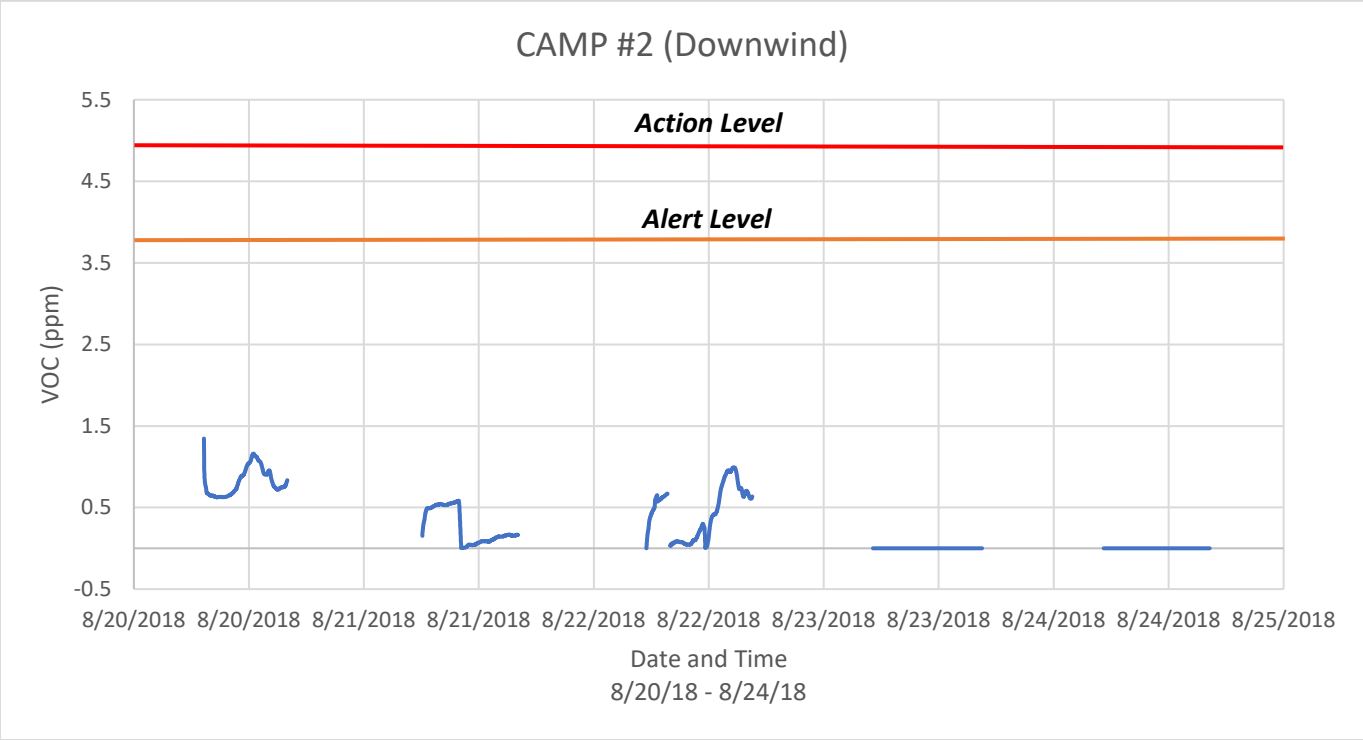
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



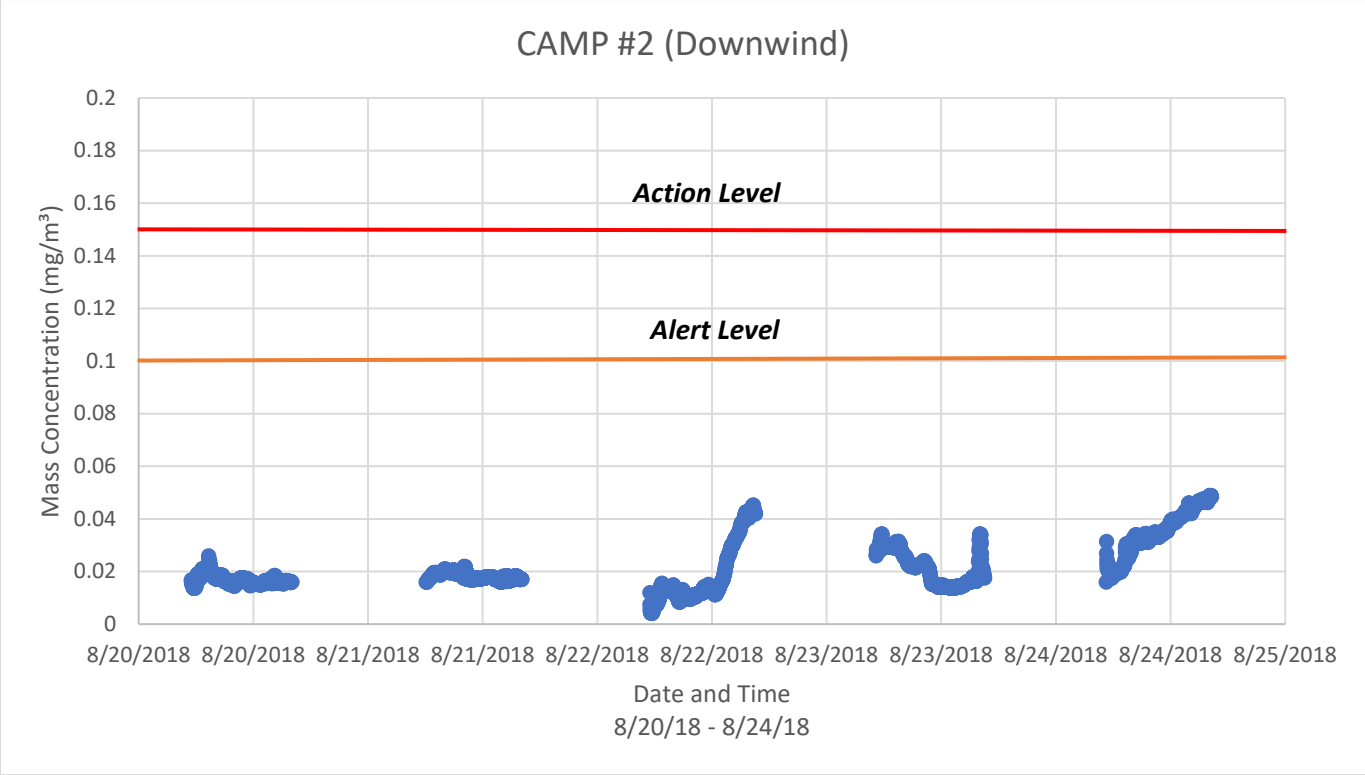
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



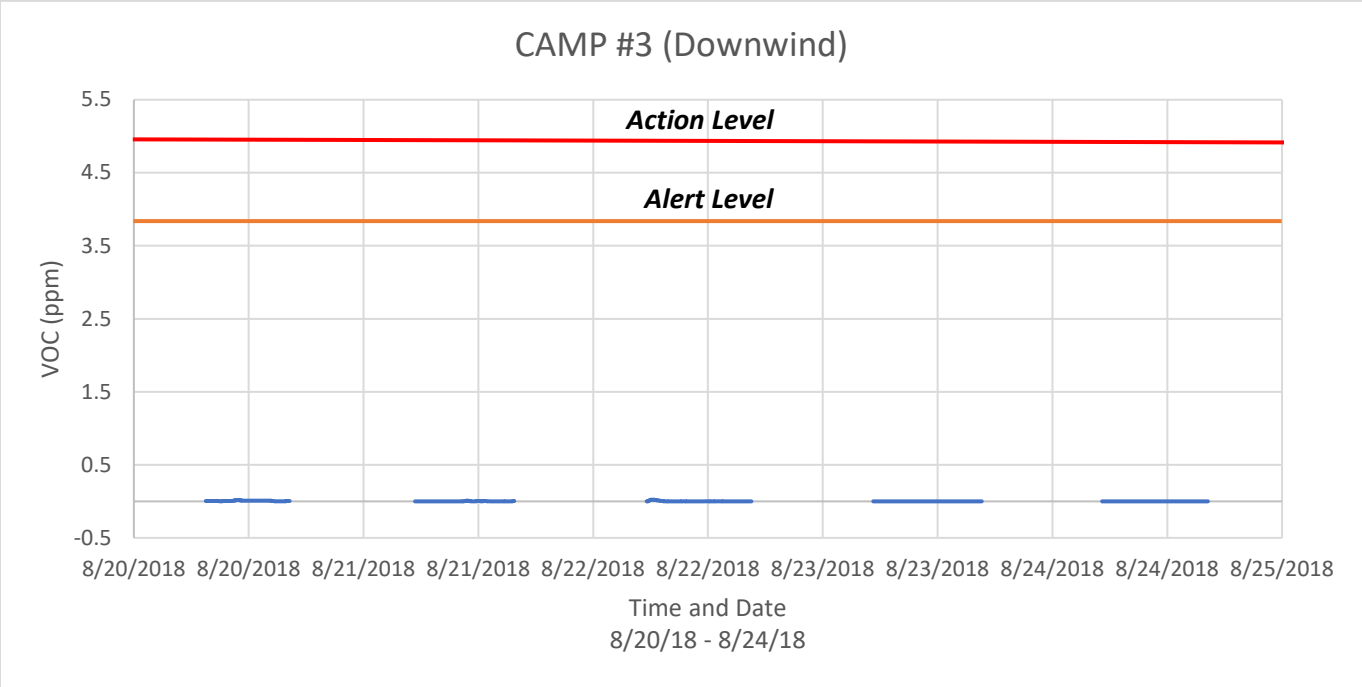
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



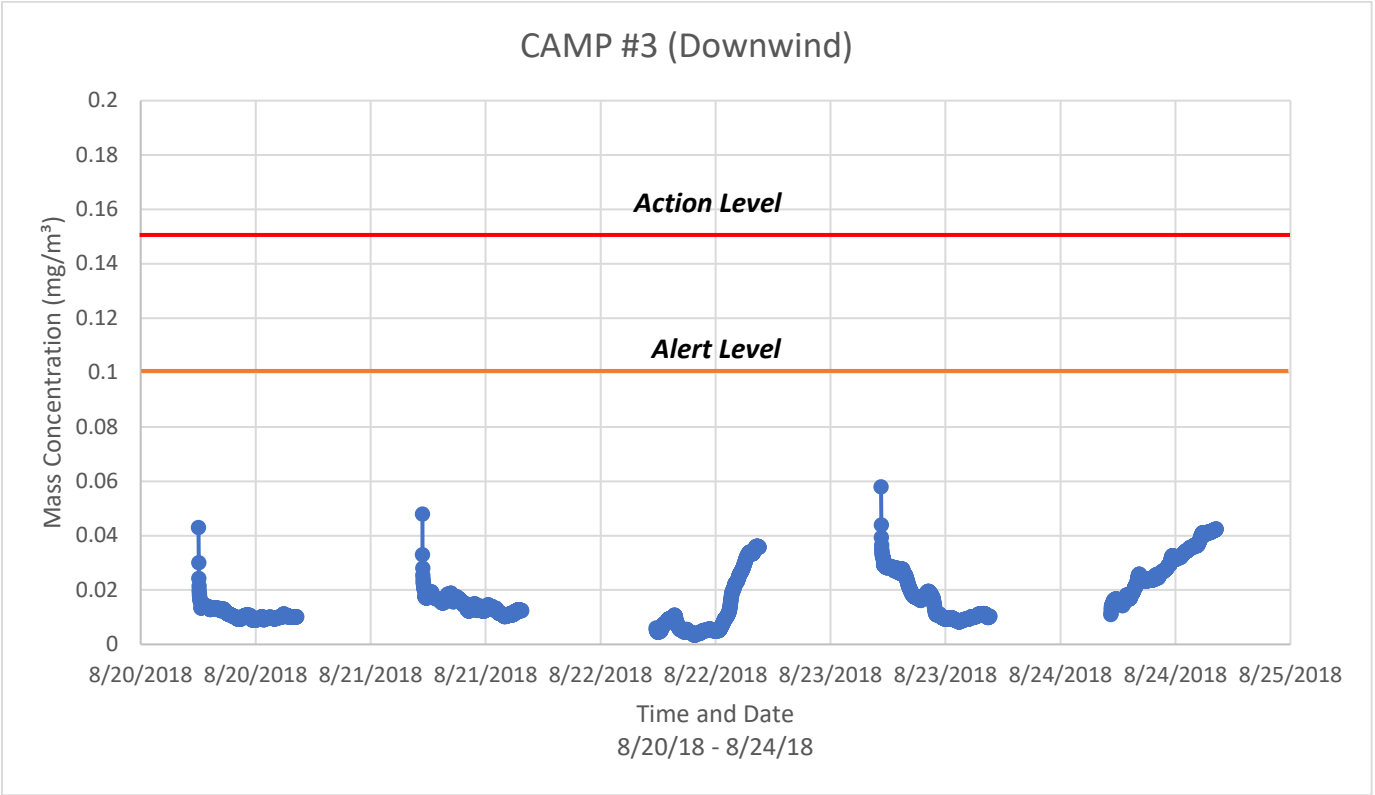
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

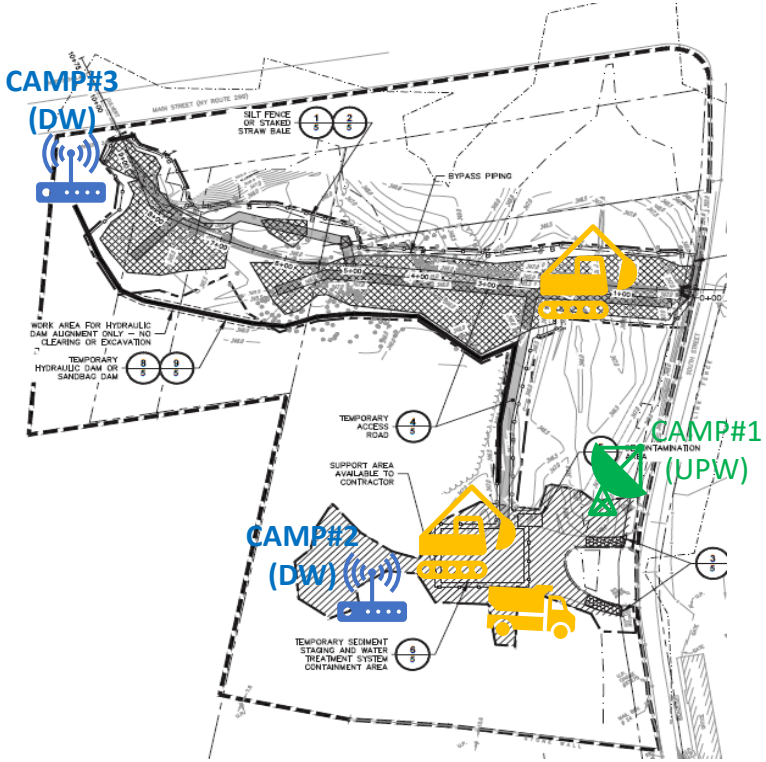
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***20-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Tuesday	***21-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***22-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Thursday	***23-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Friday	***24-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Saturday	***25-Aug***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Sunday	***26-Aug***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A

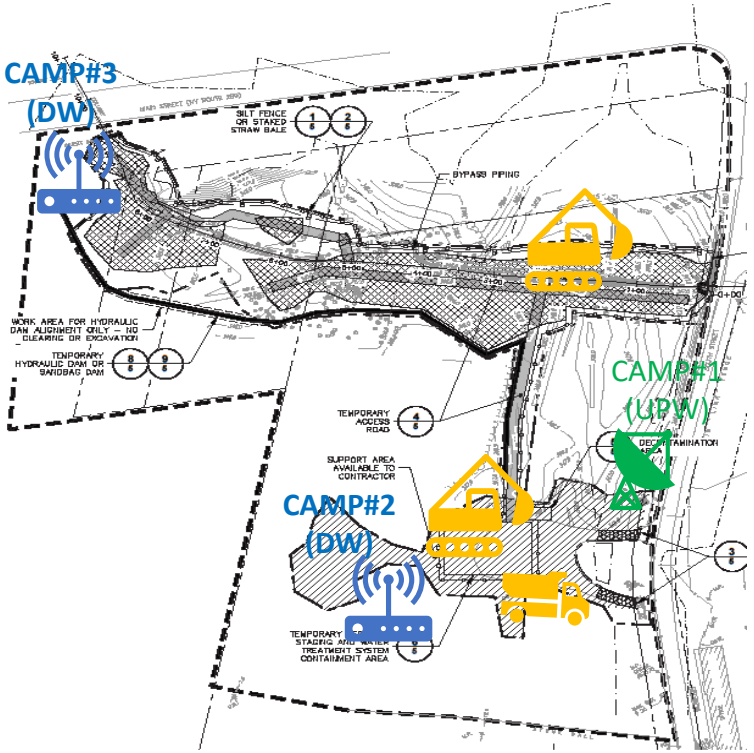
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

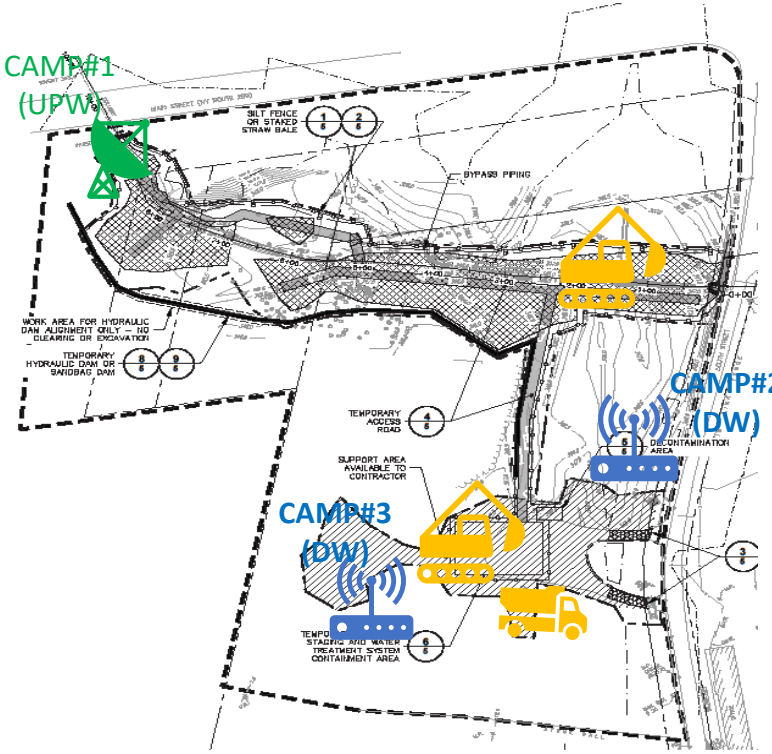
8/20/2018



8/21/2018

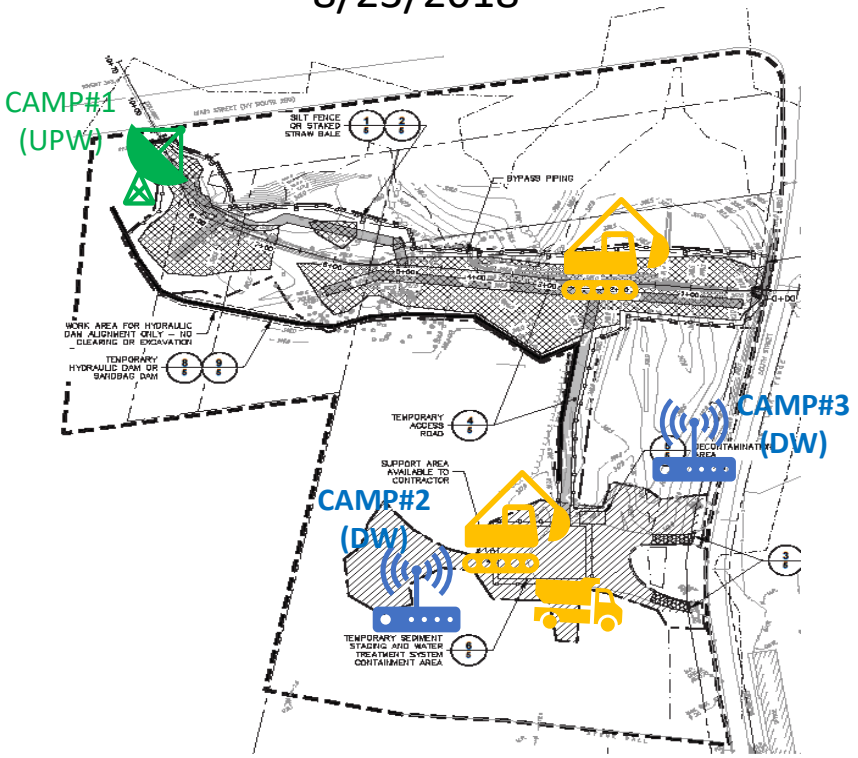


8/22/2018

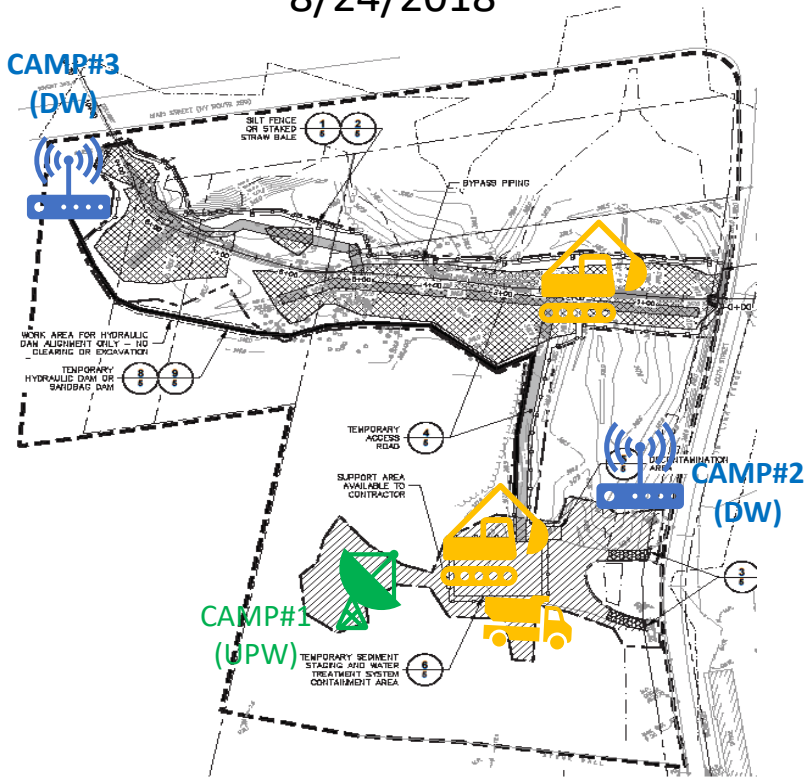


CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

8/23/2018



8/24/2018



Memo

To: Christopher DeRoberts, Central Hudson Gas and Electric, Project Manager
From: Jon LeMessurier, Abscope, APM
CC: Elting's Corners Facility Wetland Remediation
Date: August 31, 2018
Re: Community Air Monitoring Data

Abscope Environmental reached out to HSE consulting services regarding negative particulate values recorded by the CAMPs and shown in the weekly reports for the time period from 7/20/18 – 8/3/18. Please see the explanation from HSE below:

"With regard to particulates, it is clear that the instruments deployed were measuring particulate incorrectly due to the presence of negative concentrations. This appears to have been the result of improper zeroing of the instrument which caused the concentrations being measured to be less than 0.000 mg/m3 in some cases. However, while it is difficult to confirm with absolute certainty, there does not appear to have been an exceedance of the action level (0.100 mg/m3) or limit (0.150 mg/m3) for particulate (Dust) established by the CAMP during the above time period. That is, if one takes the highest negative number established during testing (either upwind or downwind – 0.031 mg/m3) and adds the absolute value of that number to the highest number registered downwind during any testing completed (0.009 mg/m3) as a worst case scenario, the concentration thus established (0.040 mg/m3)would still be lower than either of the above referenced limits. That said, It is understood that Abscope has taken the following measures to prevent continued operation of monitoring equipment which is measuring airborne contaminants improperly:

Malfunctioning equipment has been replaced.
Equipment operators have been trained to properly operate the equipment.
HSE has been established as a resource to equipment operators to ensure the accurate collection and interpretation of the above CAMP parameters."

Please contact me at your convenience if you have any questions or need additional information. Thank you.

Very respectfully,

Jon

Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **8-27-2018 to 8-30-2018.** There were four (4) days of intrusive/excavation work, loading out material, and, WTS operations and dewatering excavation area.

No exceedances of the 15-minute average concentrations were recorded on the VOC and Dust collecting equipment at downwind monitoring locations. Looking at each of the CAMP data charts and focusing on the dust data for day 8/28/18, you will notice that all three have exceptionally high readings in the morning, after being calibrated. Having done some research to back our concern, we can confidently say that 8/28/18 was the third day in a row of high humidity and had a profound effect on the readings early in the humid mornings (please note weather summary for those days).

To further elaborate on these readings not being exceedances to require an action movement, we set our camps up roughly between 0530 and 0600 which is well before any intrusive work has begun or onloading of trucks of the impacted material. Most intrusive work starts around 0630 or later and would not correlate with the readings depicted of the morning of 8/28/18.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

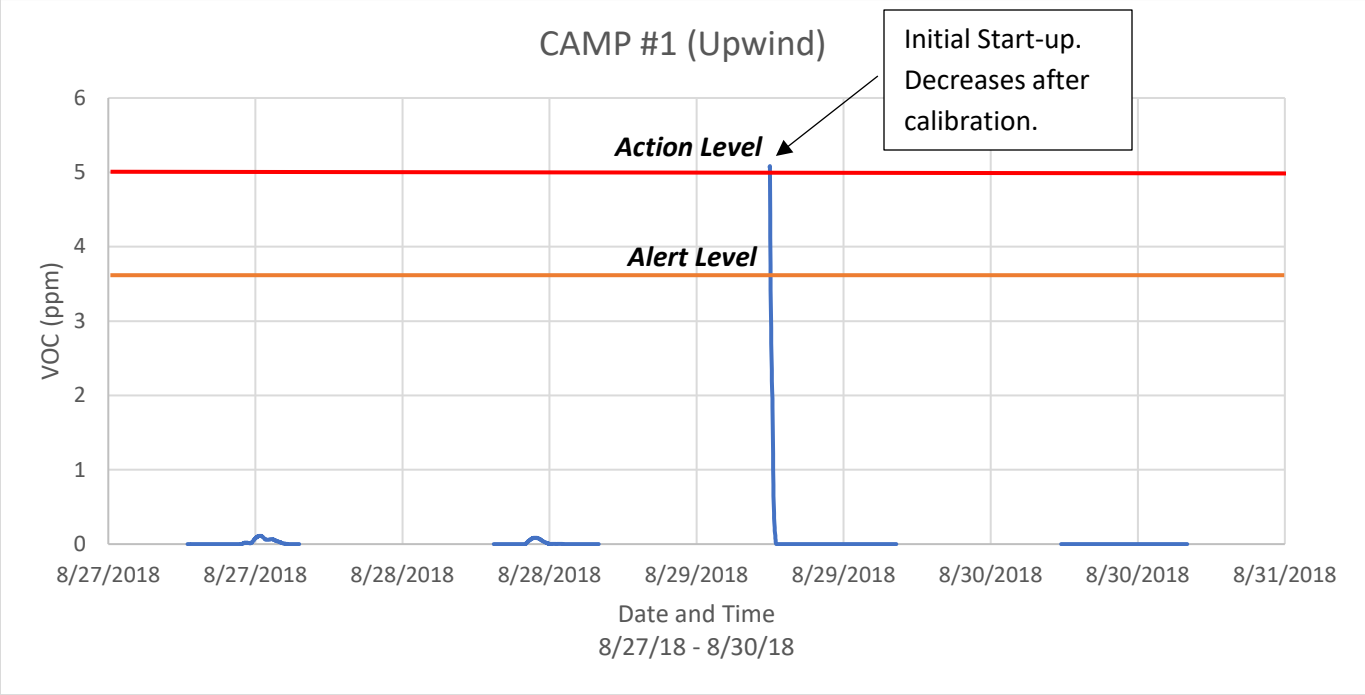
Day	Date (2018)	Remedial Activities Summary
Monday	***27-Aug***	Excavation of STA 2+00 to 1+50 area, loadout stockpile, and WTS operations.
Tuesday	***28-Aug***	No excavation. Only stockpile loadout, and WTS operations.
Wednesday	***29-Aug***	Excavation of STA 3+00 to 2+50 area, loadout stockpile, and WTS operations.
Thursday	***30-Aug***	Excavation of STA 3+00 area, loadout stockpile, and WTS operations.
Friday	***31-Aug***	No intrusive work. Operated WTS and dewatered excavation cells.
Saturday	***1-Sep***	No intrusive work. Operated WTS and dewatered excavation cells.
Sunday	***2-Sep***	No intrusive work. Operated WTS and dewatered excavation cells.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***27-Aug***	1 – 6	NNE – WSW	65 – 85	96 – 77	0.00
Tuesday	***28-Aug***	1 – 4	SSW – SSW	73 – 96	94 – 61	0.00
Wednesday	***29-Aug***	1 – 7	SW – WSW	76 – 92	90 – 60	0.00
Thursday	***30-Aug***	1 – 1	N – NNE	73 – 84	92 – 62	0.00
Friday	***31-Aug***	1 – 4	E – ENE	60 – 71	85 – 78	0.00
Saturday	***1-Sep***	1 – 4	ESE – SW	67 – 80	87 – 63	0.00
Sunday	***2-Sep***	3 – 8	S – SW	64 – 80	88 – 65	0.00

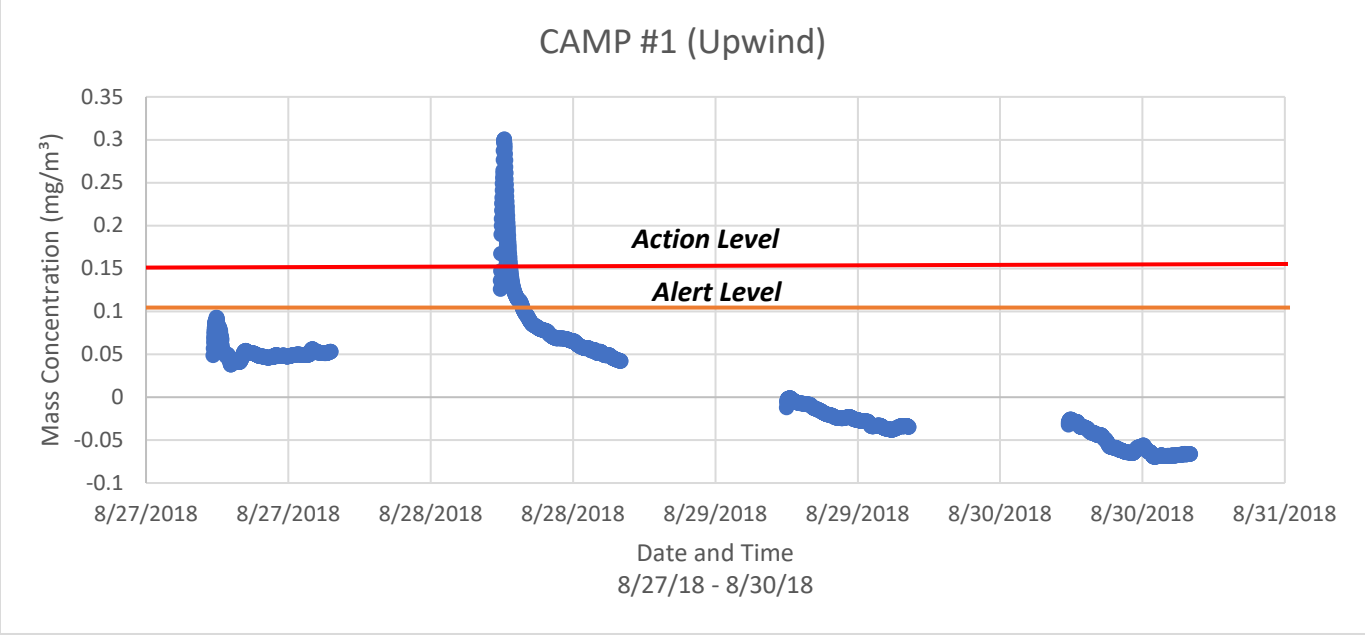
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



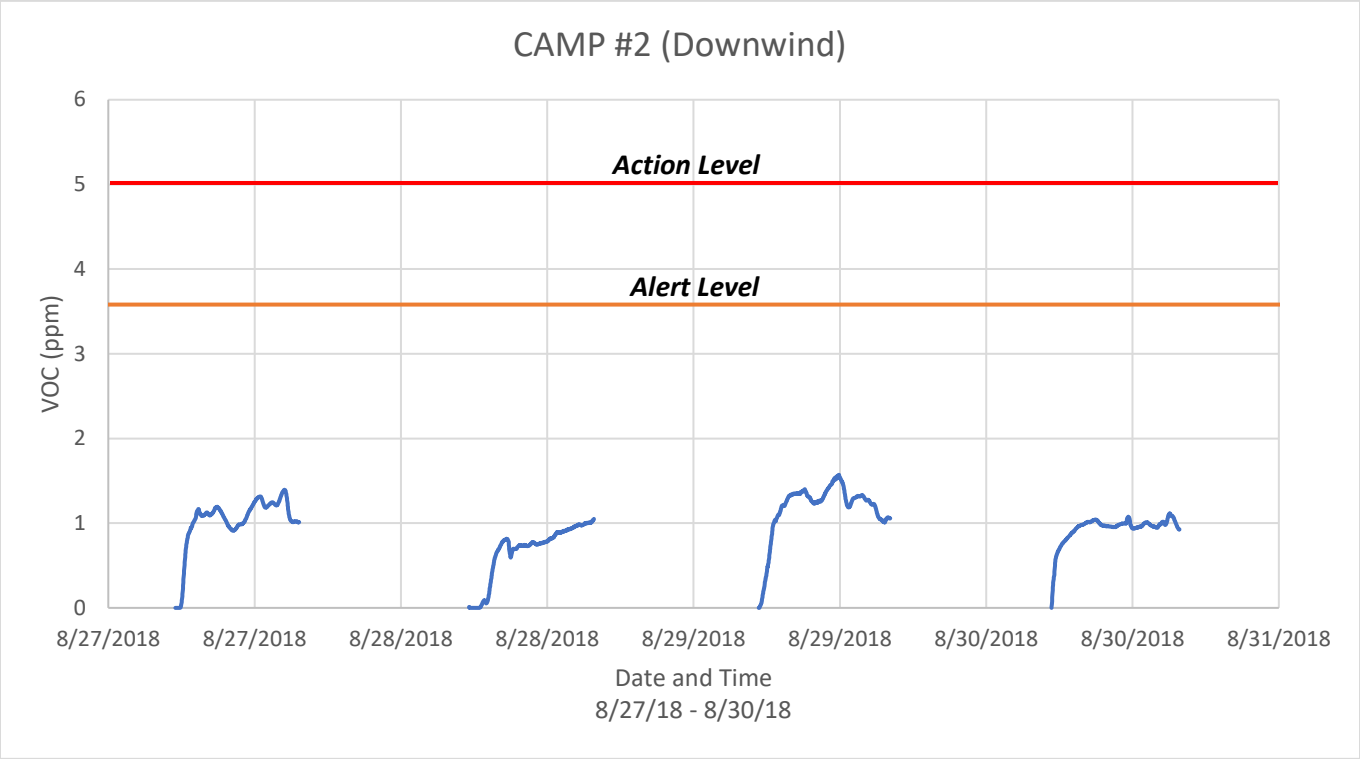
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



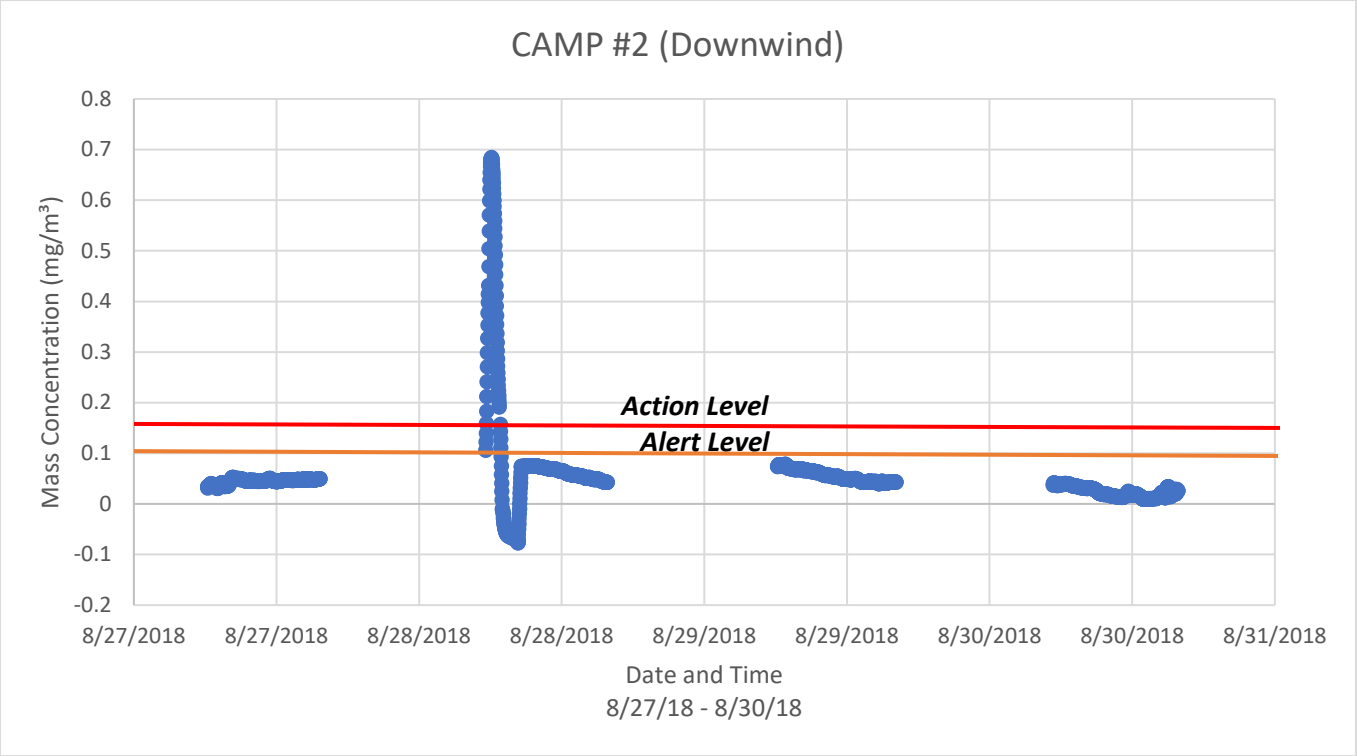
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



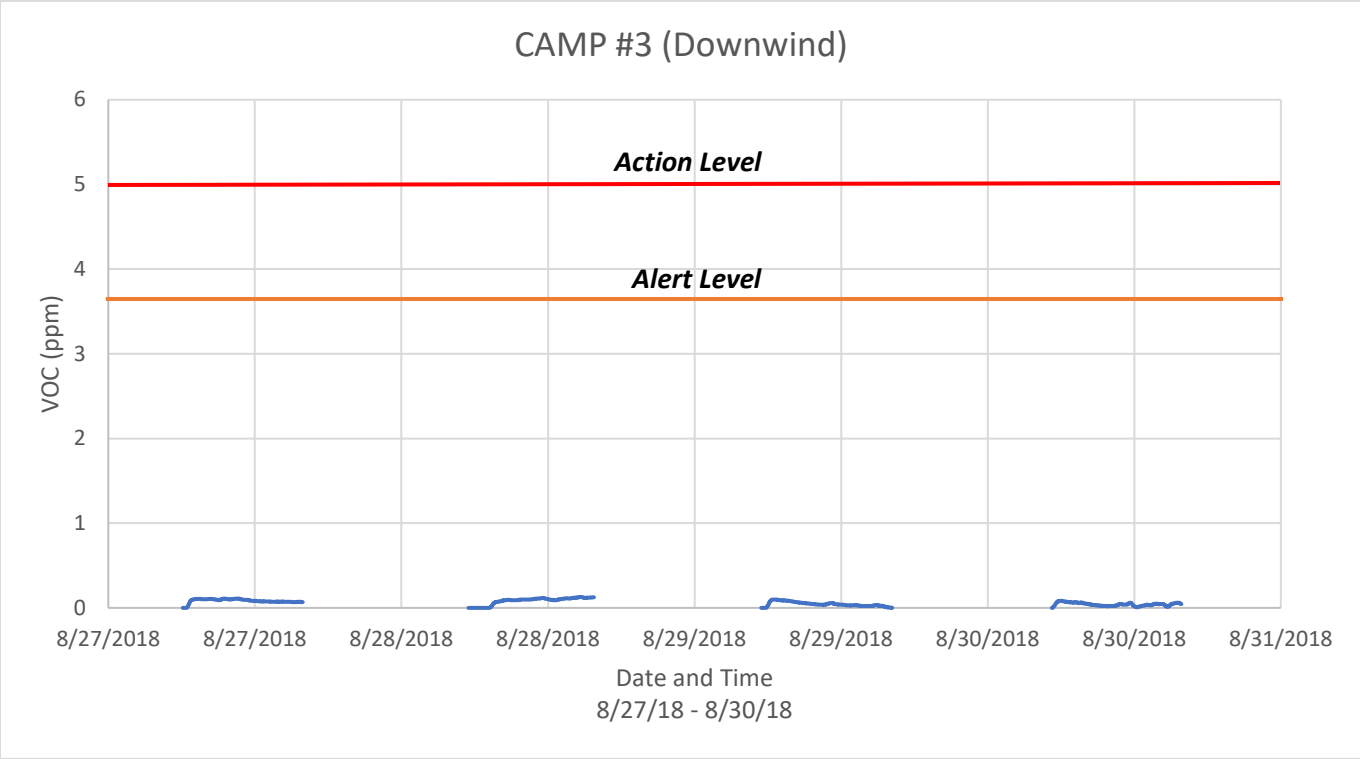
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



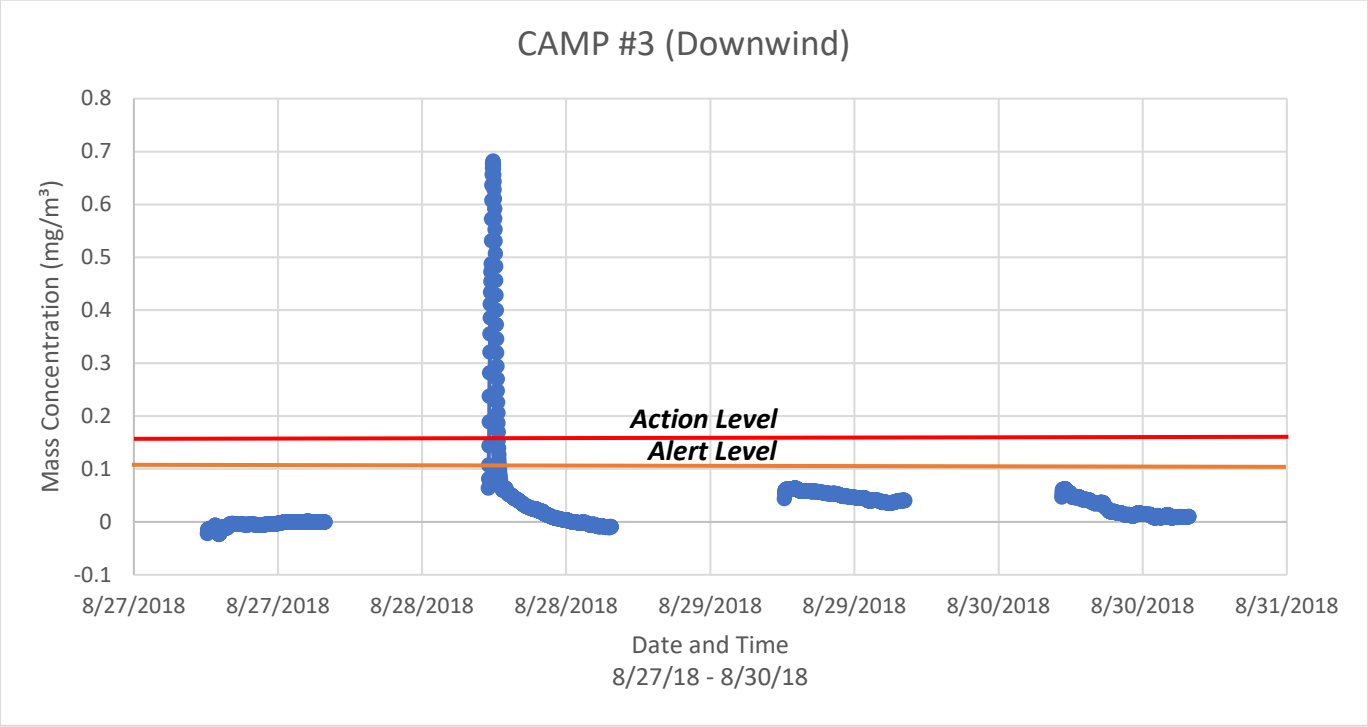
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

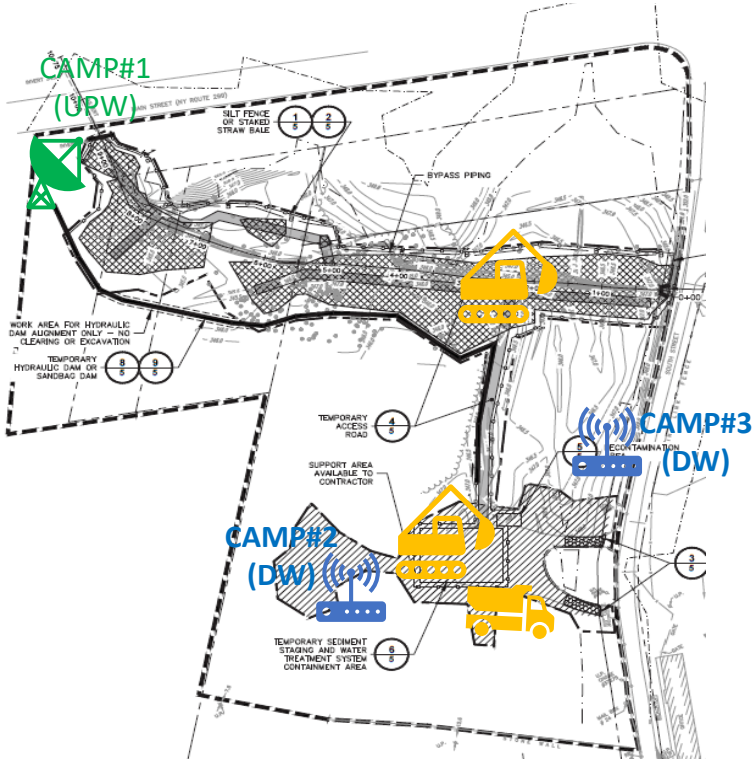
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***27-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Tuesday	***28-Aug***	DustTrak is reading higher than normal. Assuming this is due to the very high humidity.	DustTrak is reading higher than normal. Assuming this is due to the very high humidity.	DustTrak is reading higher than normal. Assuming this is due to the very high humidity.	Monitor. High percentage of Humidity is known to give false-positives.	Continue to closely monitor.
Wednesday	***29-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Thursday	***30-Aug***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Friday	***31-Aug***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Saturday	***1-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Sunday	***2-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A

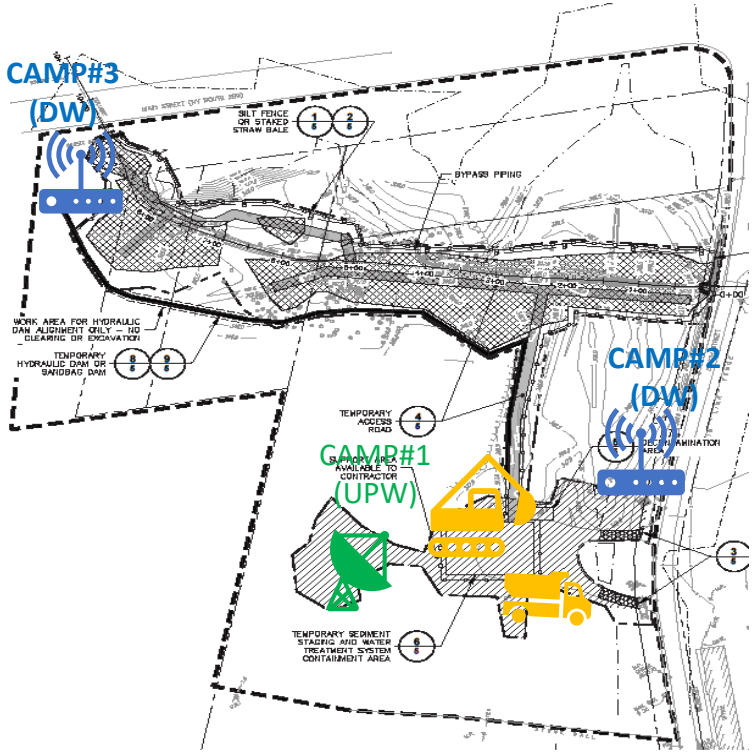
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

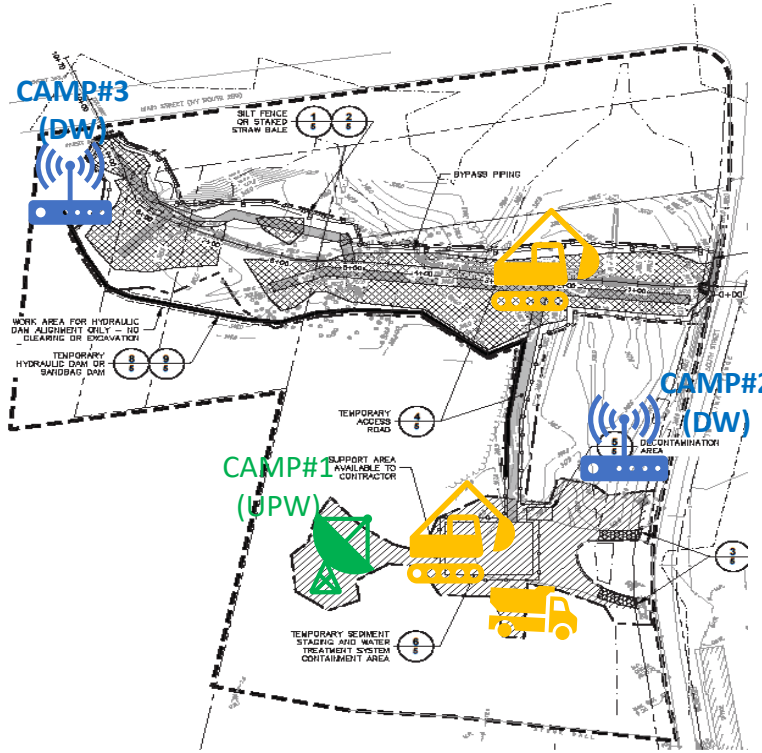
8/27/2018



8/28/2018

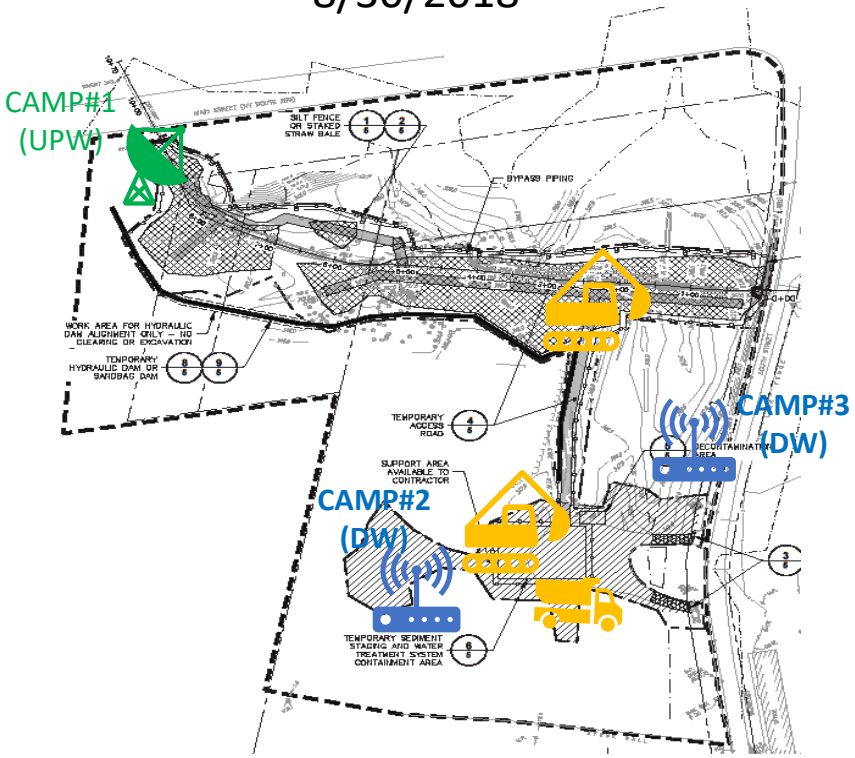


8/29/2018



CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

8/30/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **9-3-2018 to 9-6-2018.** There were three (3) days of intrusive/excavation work, loading out material, and, WTS operations and dewatering excavation area.

No exceedances of the 15-minute average concentrations were recorded on the VOC and Dust collecting equipment at downwind monitoring locations. Looking at each of the CAMP data charts and focusing on the dust data for day 9/6/18, you will notice that all three have high readings in the morning, after being calibrated. Having done some research to back our concern, we can confidently say that high humidity had a profound effect on the readings early in the humid mornings (please note weather summary for those days).

To further elaborate on these readings not being exceedances to require an action movement, we set our camps up roughly between 0530 and 0600 which is well before any intrusive work has begun or onloading of trucks of the impacted material. Most intrusive work starts around 0630 or later and would not correlate with the readings depicted of the morning of 9/6/18.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

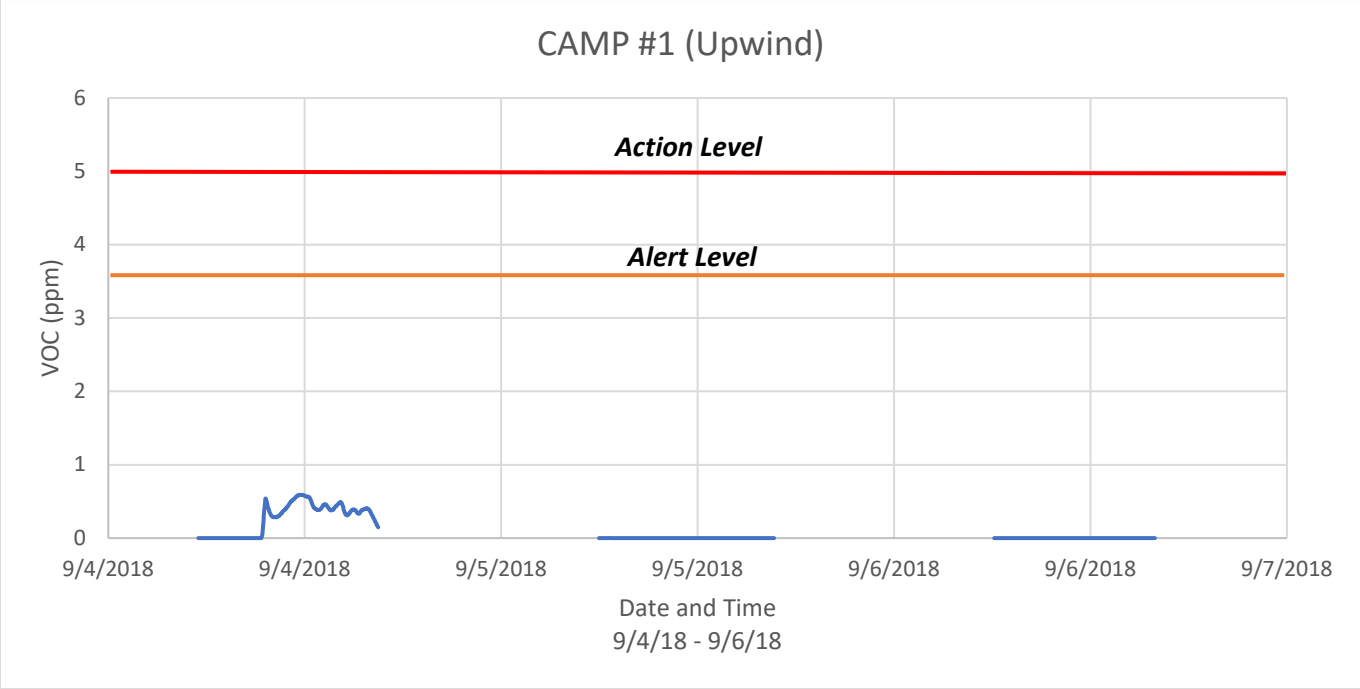
Day	Date (2018)	Remedial Activities Summary
Monday	***3-Sep***	No intrusive work. Operated WTS and dewatered excavation cells.
Tuesday	***4-Sep***	No excavation. Only stockpile loadout, and WTS operations.
Wednesday	***5-Sep***	Re-excavation of STA 7+00 to 9+00 area, loadout stockpile, and WTS ops.
Thursday	***6-Sep***	Re-excavation of STA 7+00 to 9+00 area, loadout stockpile, and WTS ops.
Friday	***7-Sep***	No intrusive work. Operated WTS, dewatered excavation cells.
Saturday	***8-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and importing backfill.
Sunday	***9-Sep***	No intrusive work. Operated WTS and dewatered excavation cells.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***3-Sep***	3 – 3	S – SSW	73 – 88	89 – 59	0.00
Tuesday	***4-Sep***	1 – 4	WSW – W	69 – 85	96 – 70	0.00
Wednesday	***5-Sep***	1 – 7	E – SE	65 – 91	97 – 60	0.00
Thursday	***6-Sep***	1 – 7	W – NW	75 – 82	94 – 74	0.04
Friday	***7-Sep***	1 – 4	N – NE	68 – 69	89 – 86	0.57
Saturday	***8-Sep***	3 – 2	N – NNW	62 – 63	83 – 77	0.00
Sunday	***9-Sep***	6 – 4	N – NNW	53 – 59	80 – 77	0.01

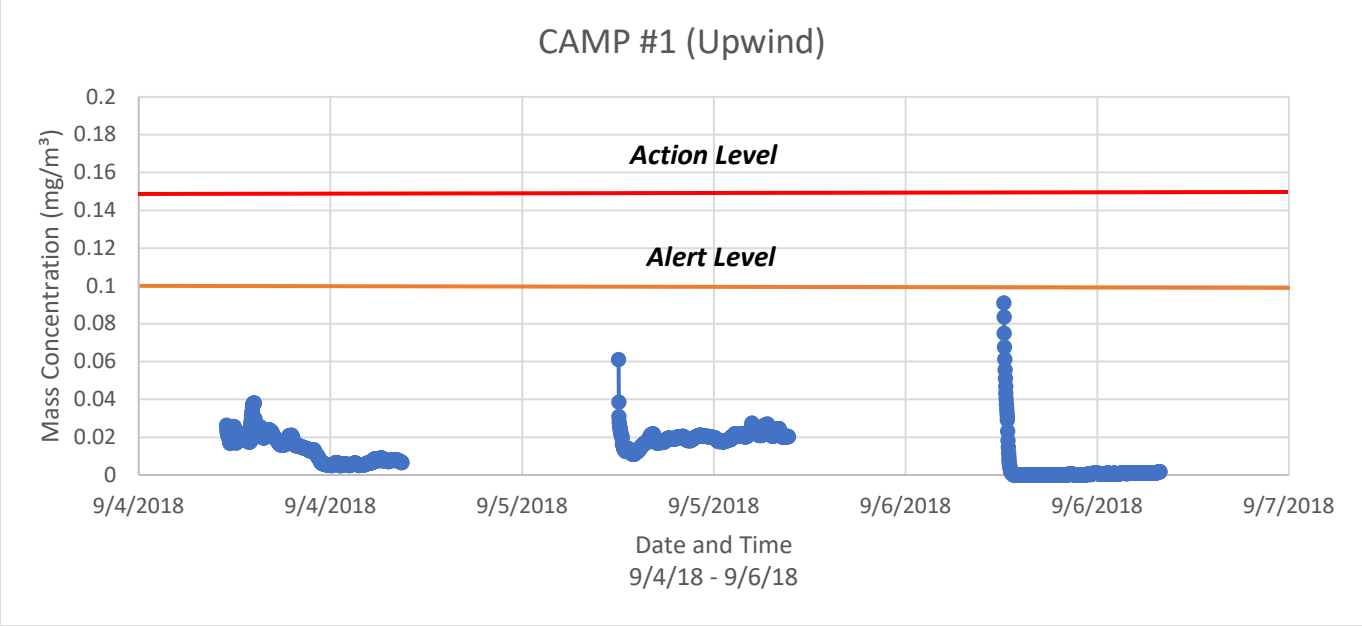
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



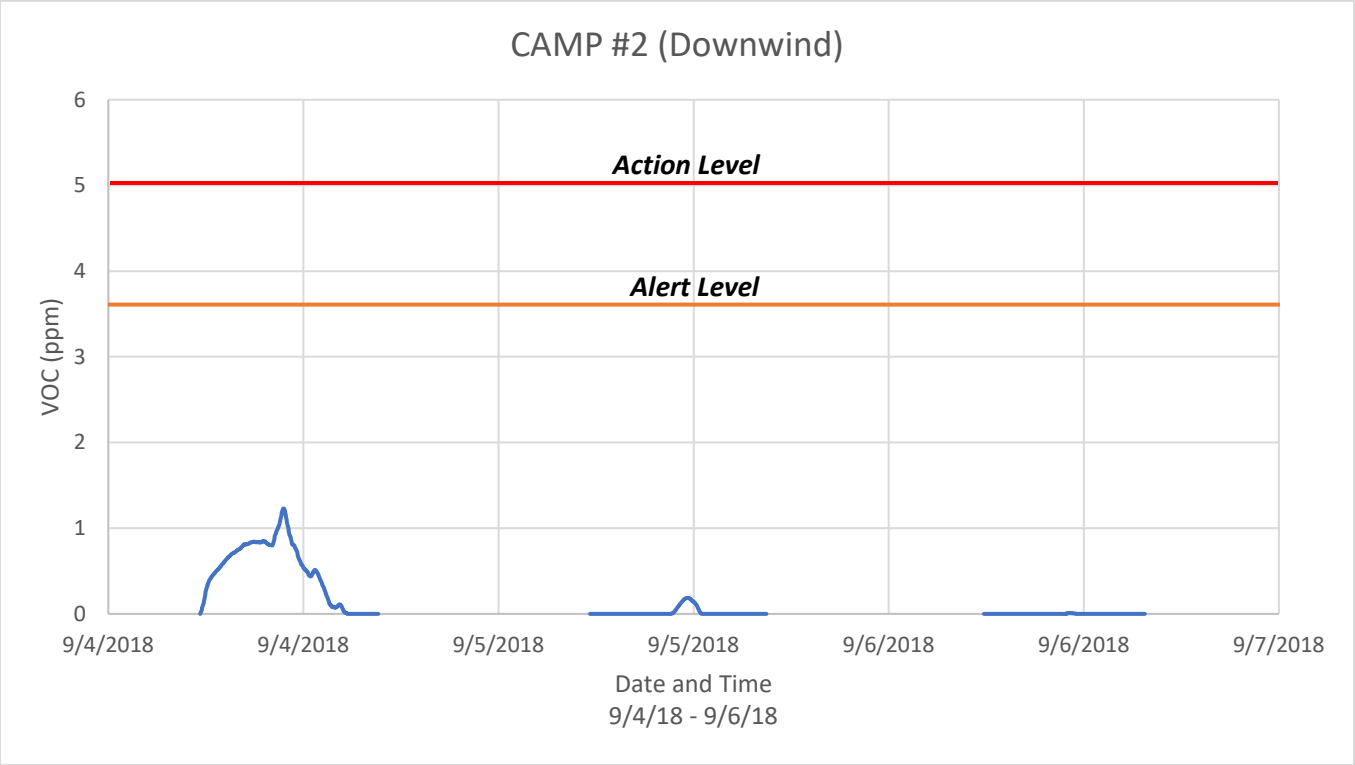
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



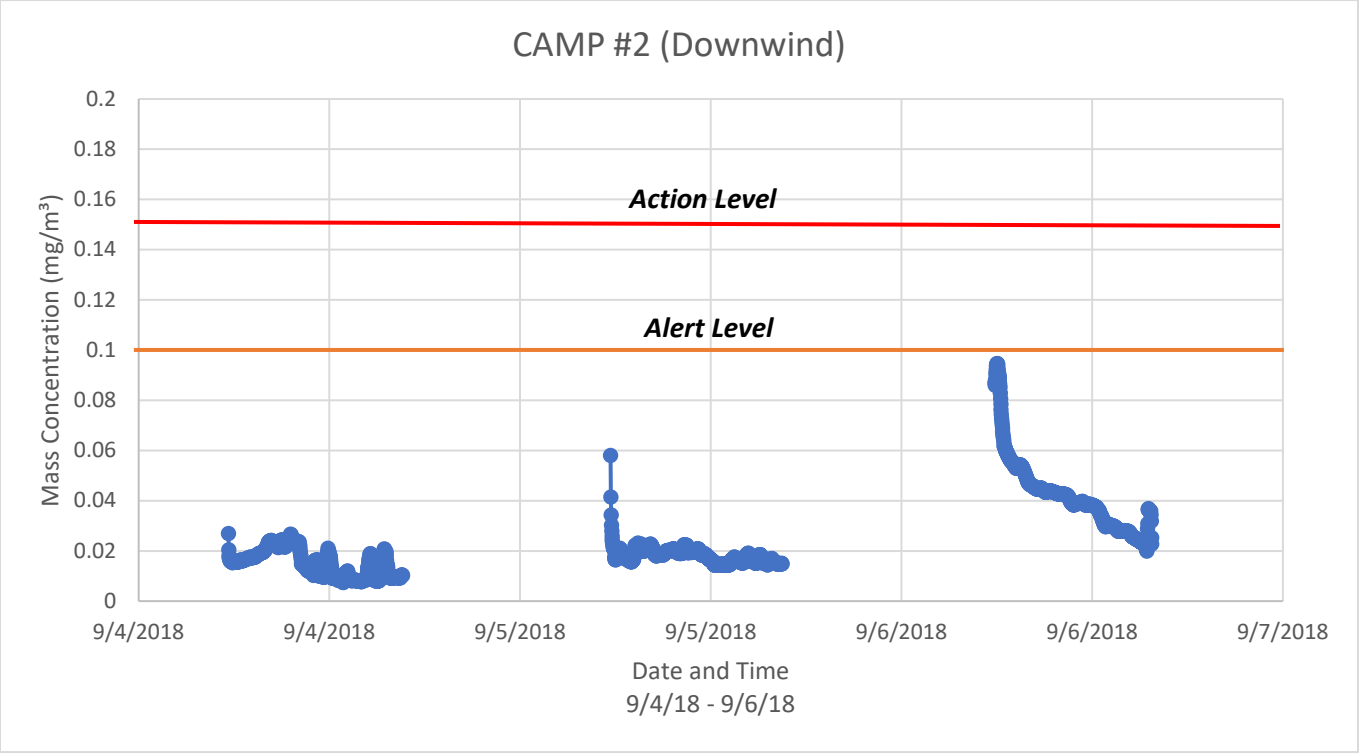
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



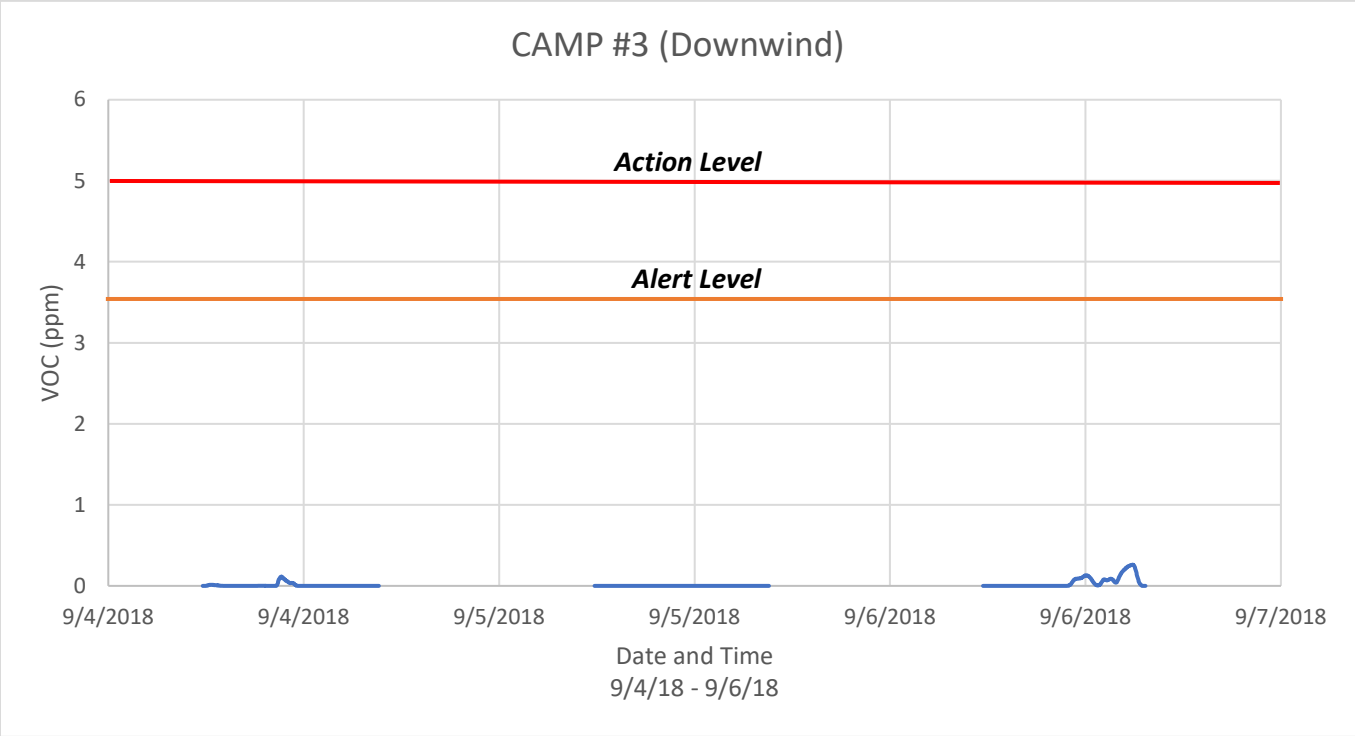
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



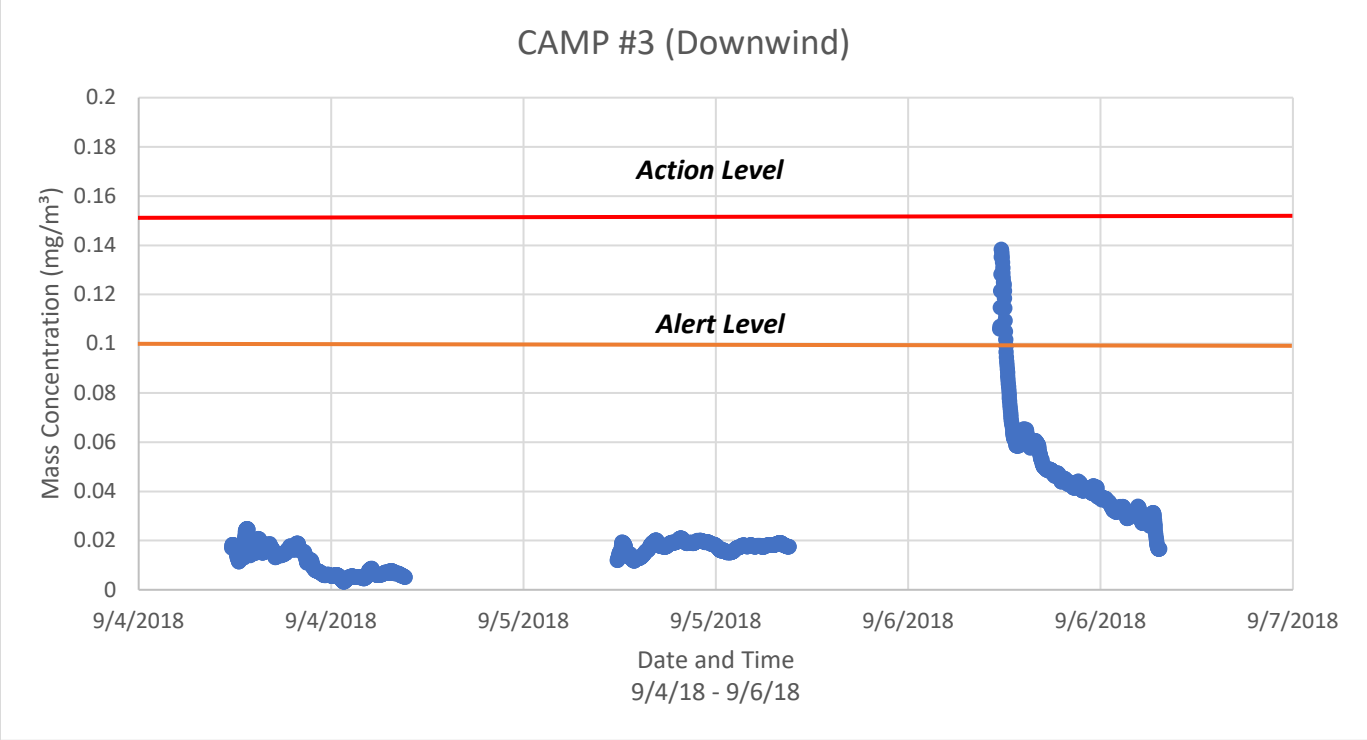
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

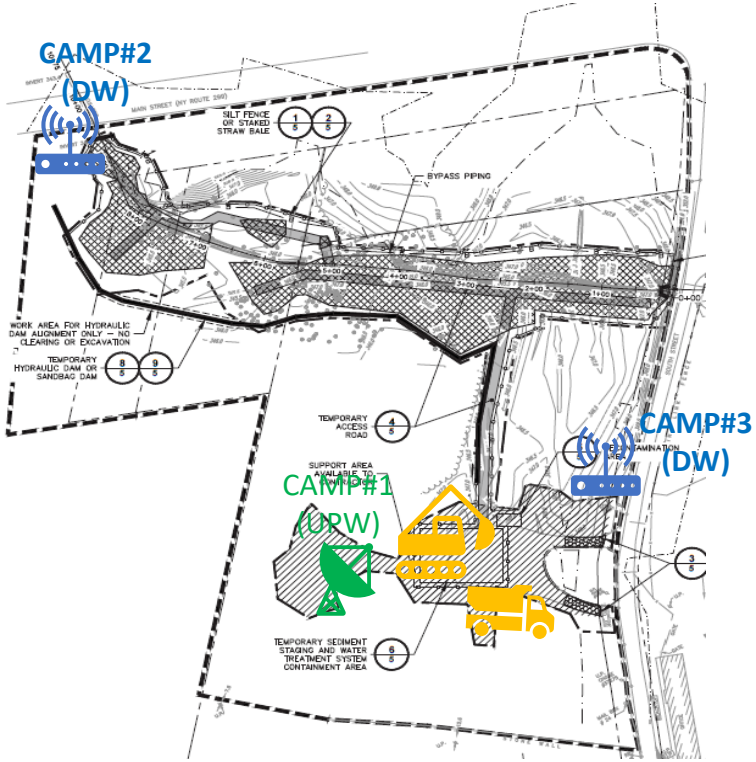
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***3-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Tuesday	***4-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***5-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Thursday	***6-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Friday	***7-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Saturday	***8-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Sunday	***9-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A

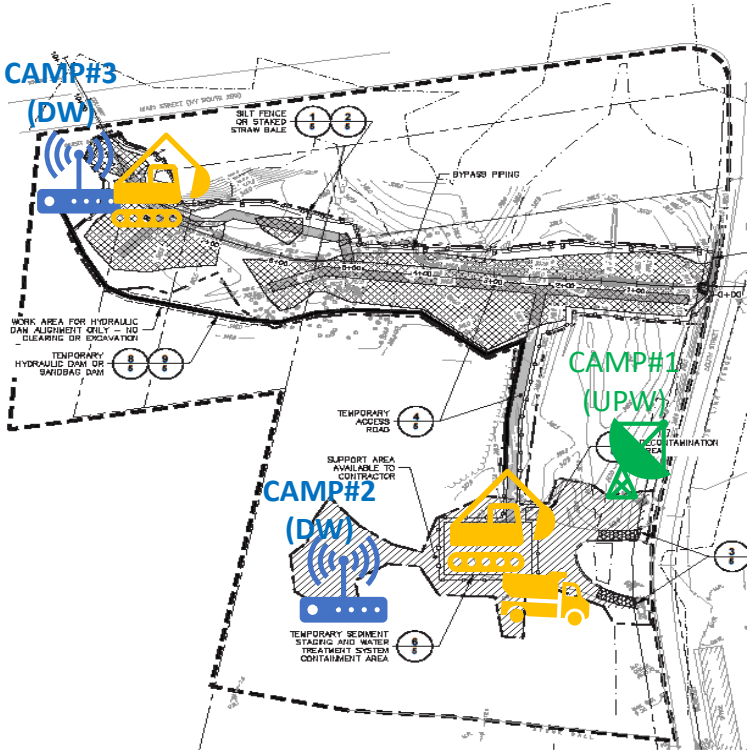
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

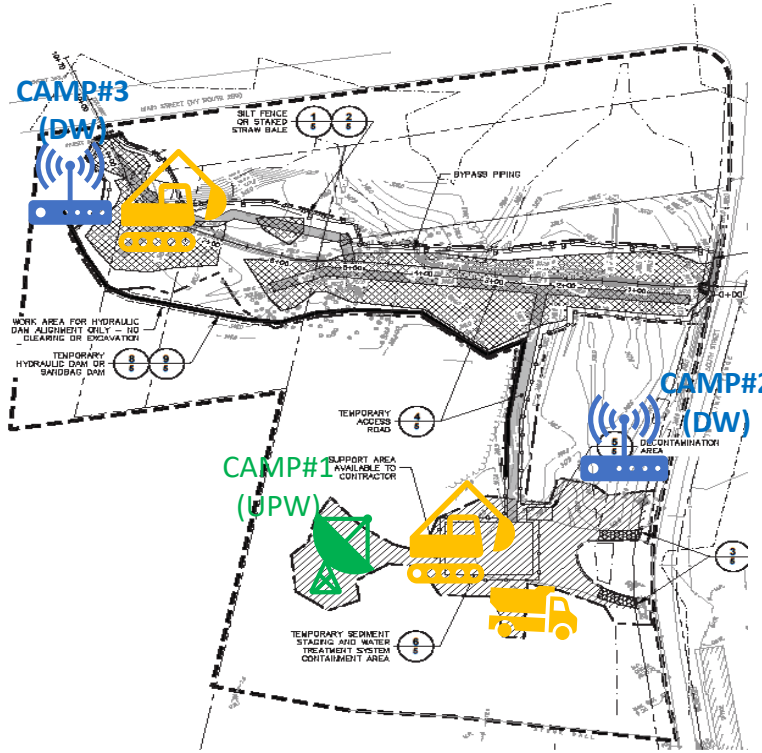
9/4/2018



9/5/2018



9/6/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **9-10-2018 to 9-16-2018.** There were seven (7) days of no intrusive/excavation work, however, work conducted requiring CAMP datalogging was the decontamination of equipment and materials. The site was also performing WTS operations and dewatering excavation area.

No exceedances of the 15-minute average concentrations were recorded on the VOC and Dust collecting equipment at downwind monitoring locations. Looking at each of the CAMP data charts and focusing on the dust data for day 9/15/18 and 9/16/18 for CAMP #2, and 9/16/18 for CAMP #3, you will notice that all those two have high readings in the morning, after being calibrated. Having done some research to back our concern, we can confidently say that high humidity had a profound effect on the readings early in the humid mornings (please note weather summary for those days).

To further elaborate on these readings not being exceedances to require an action movement, we set our camps up roughly between 0530 and 0600 which is well before any deconning work has been performed. Our deconning work didn't start until around 0630 or later and would not correlate with the readings depicted of the morning of 9/15/18 and 9/16/18.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

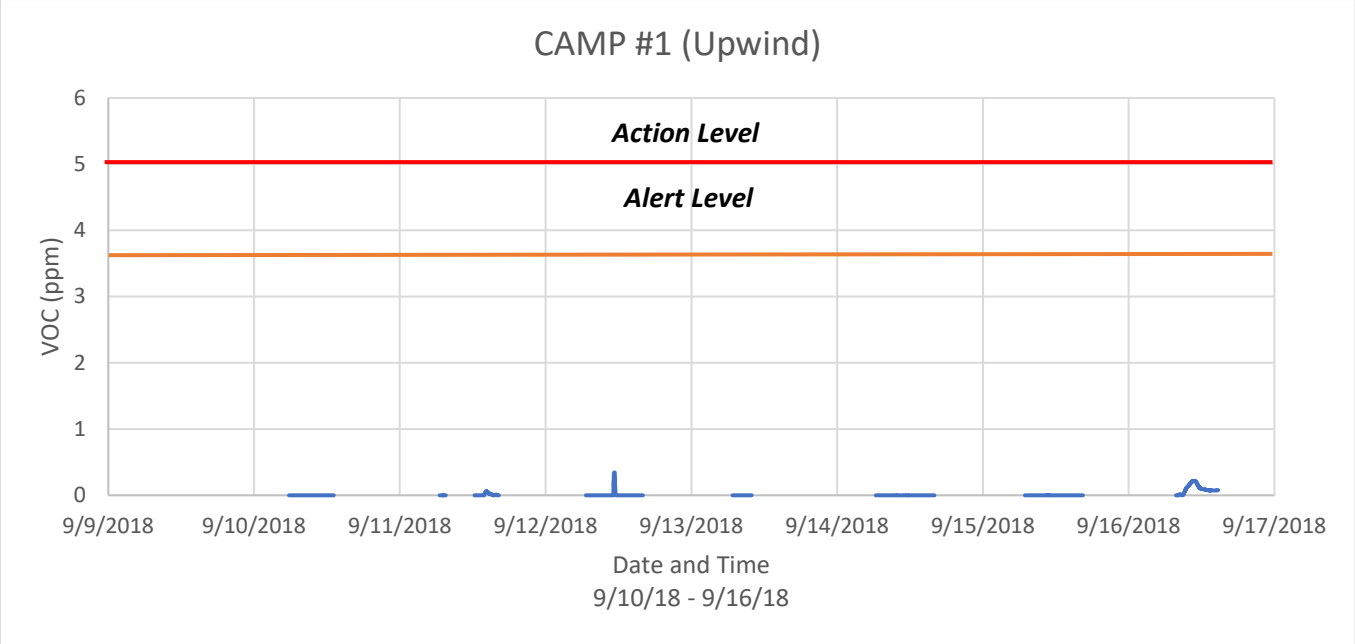
Day	Date (2018)	Remedial Activities Summary
Monday	***10-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Tuesday	***11-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Wednesday	***12-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Thursday	***13-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Friday	***14-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Saturday	***15-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Sunday	***16-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***10-Sep***	1 – 7	NNE – NNE	51 – 57	94 – 93	1.15
Tuesday	***11-Sep***	1 – 1	NNE – ENE	58 – 73	97 – 85	0.23
Wednesday	***12-Sep***	1 – 1	N – NE	66 – 70	97 – 93	1.74
Thursday	***13-Sep***	1 – 3	N – ESE	67 – 77	97 – 78	0.04
Friday	***14-Sep***	1 – 4	ENE – NE	68 – 69	95 – 86	0.00
Saturday	***15-Sep***	1 – 2	SSE – SE	66 – 84	93 – 57	0.00
Sunday	***16-Sep***	1 – 1	N – NW	65 – 85	92 – 67	0.01

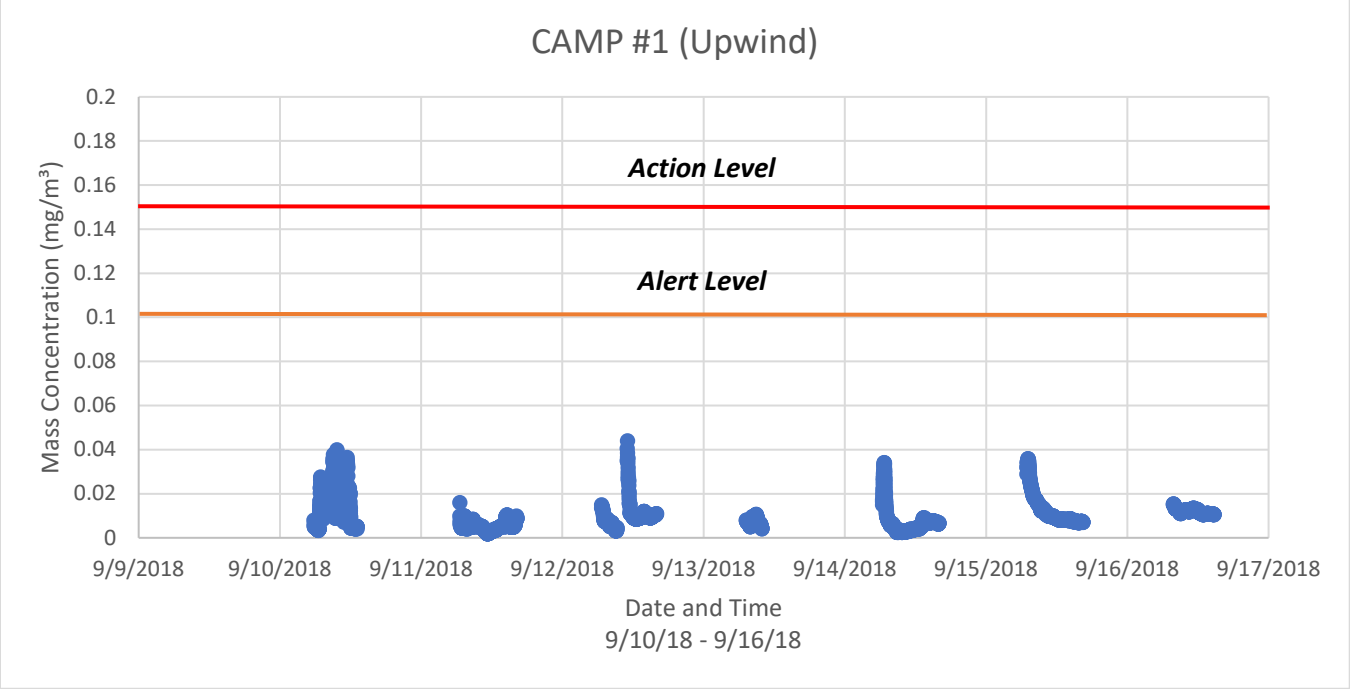
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



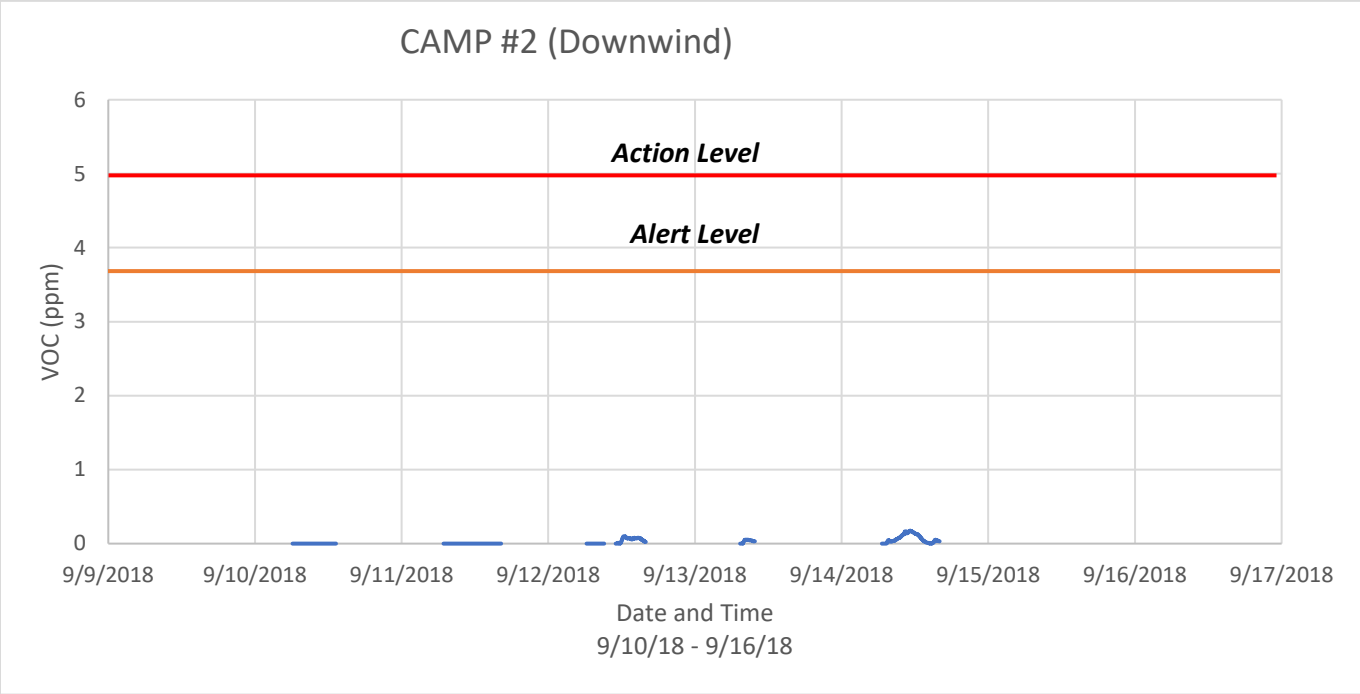
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



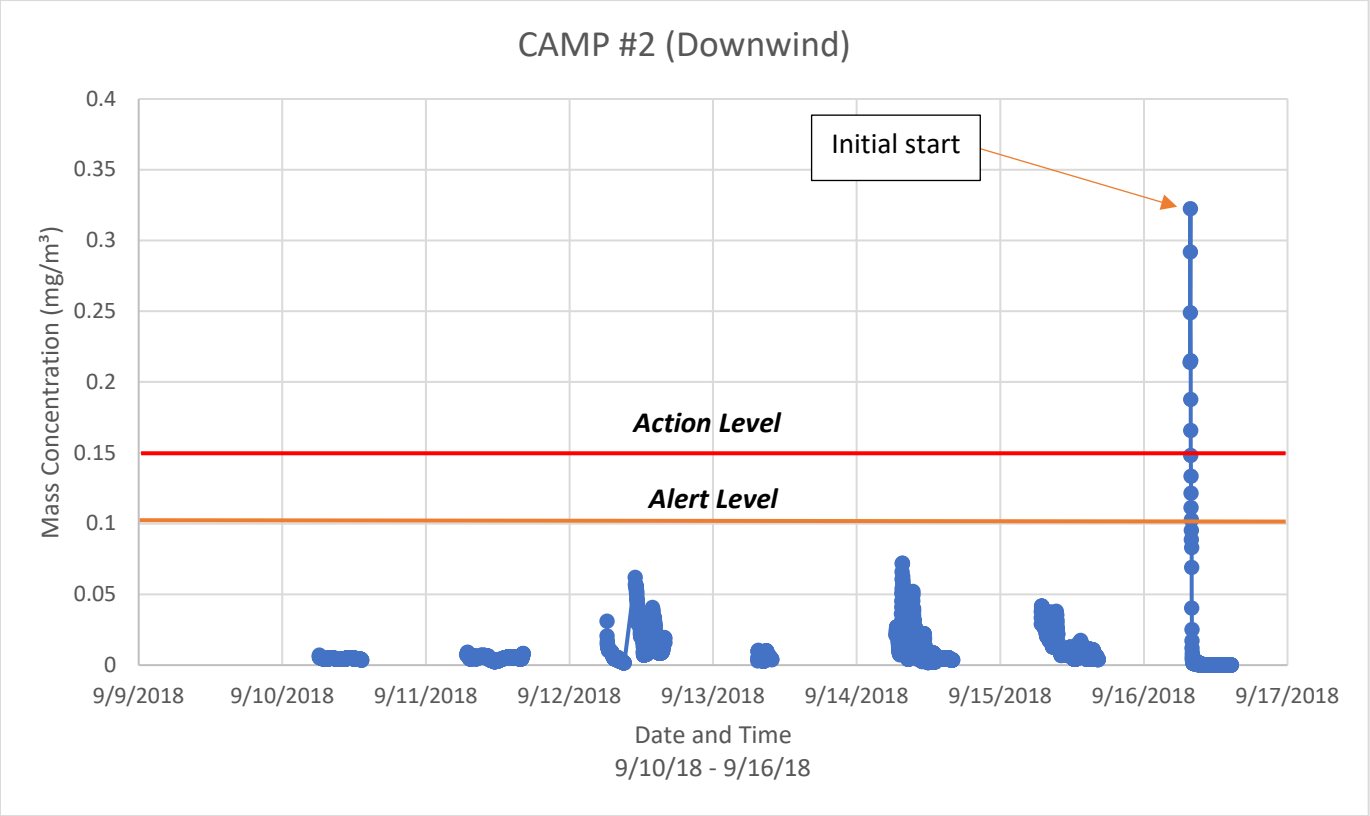
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



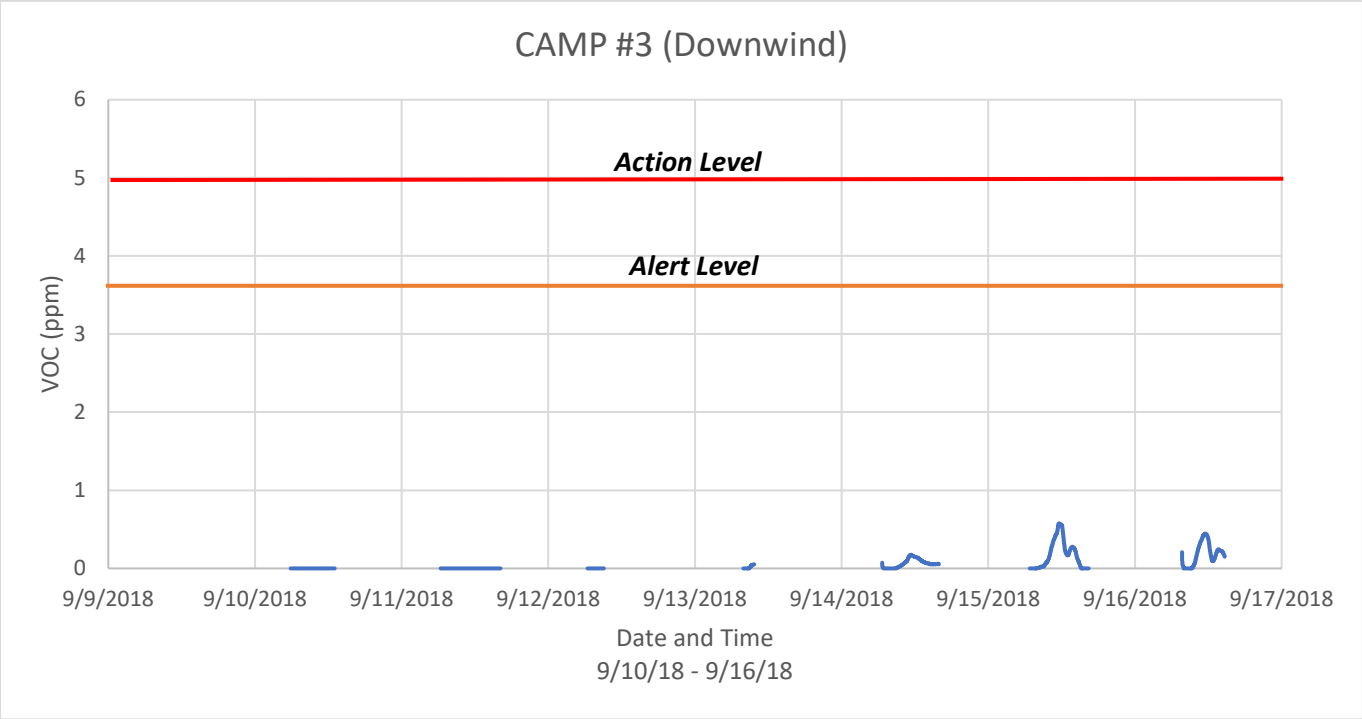
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



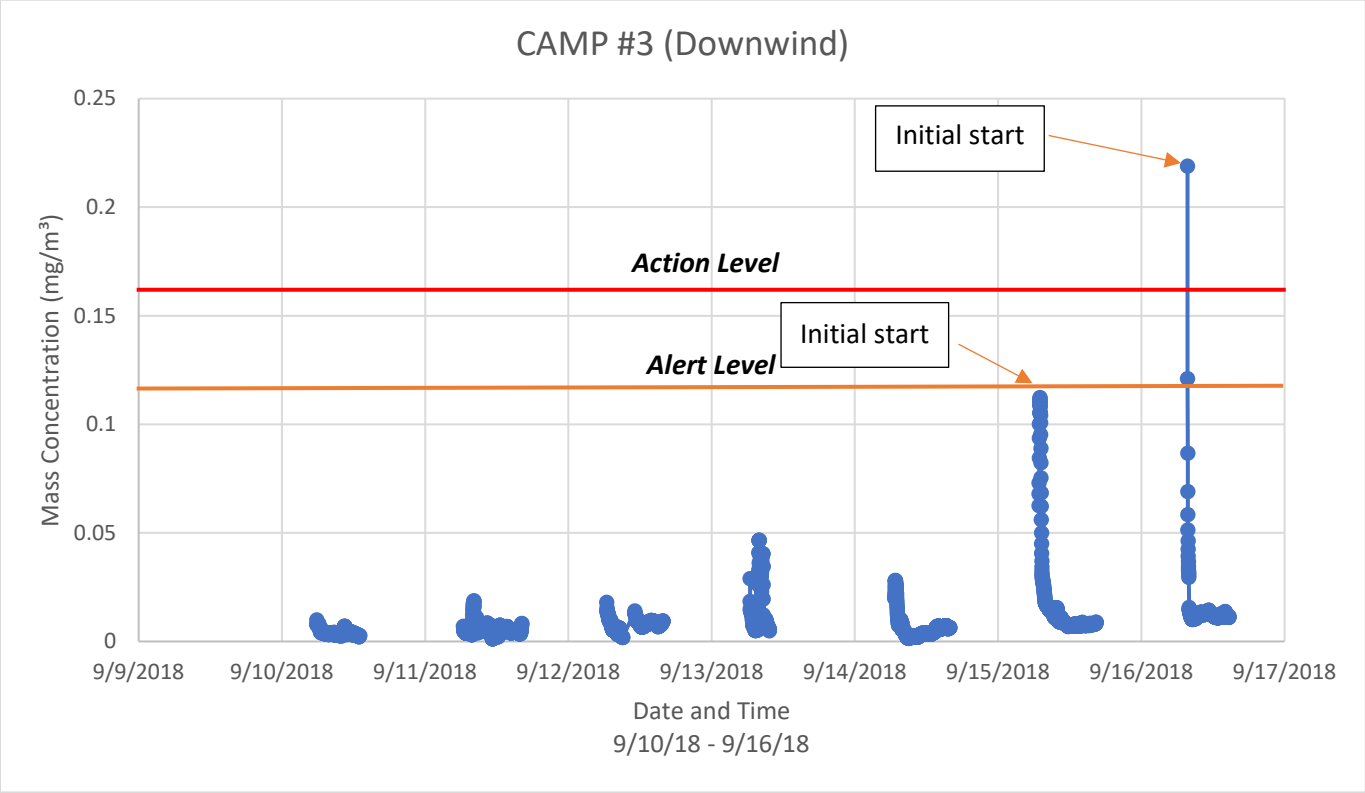
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

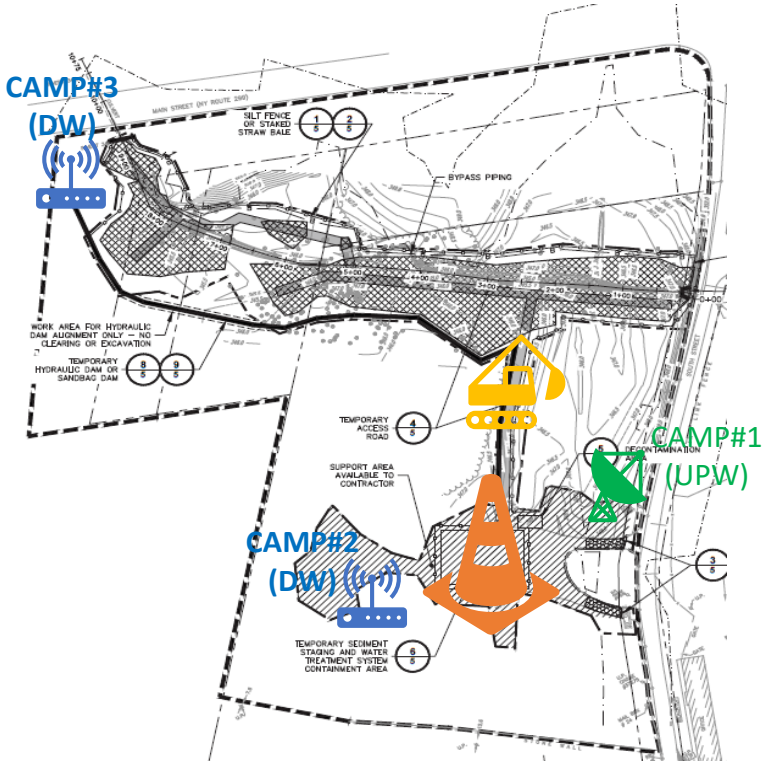
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***10-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Tuesday	***11-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***12-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Thursday	***13-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Friday	***14-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Saturday	***15-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Sunday	***16-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A

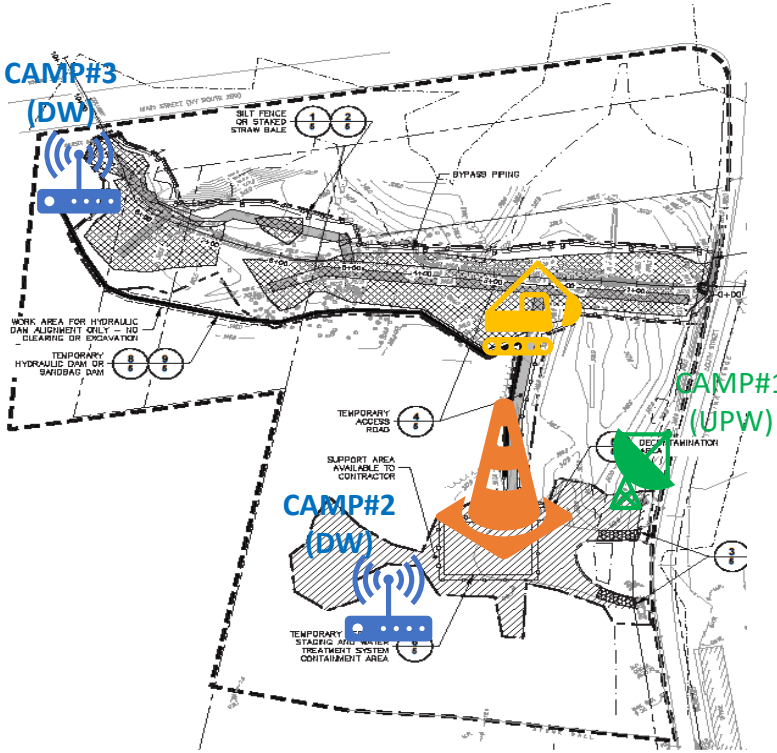
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

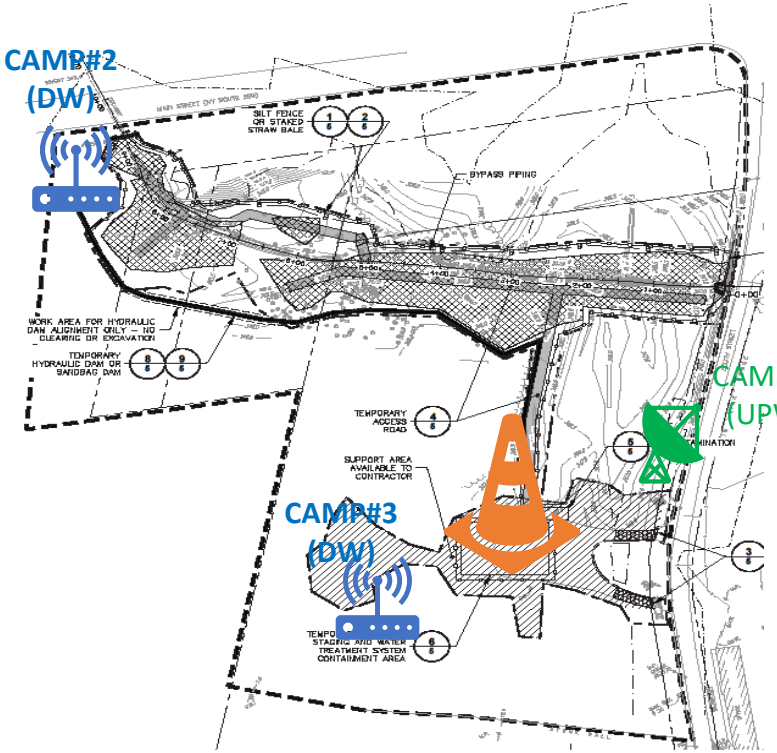
9/10/2018



9/11/2018

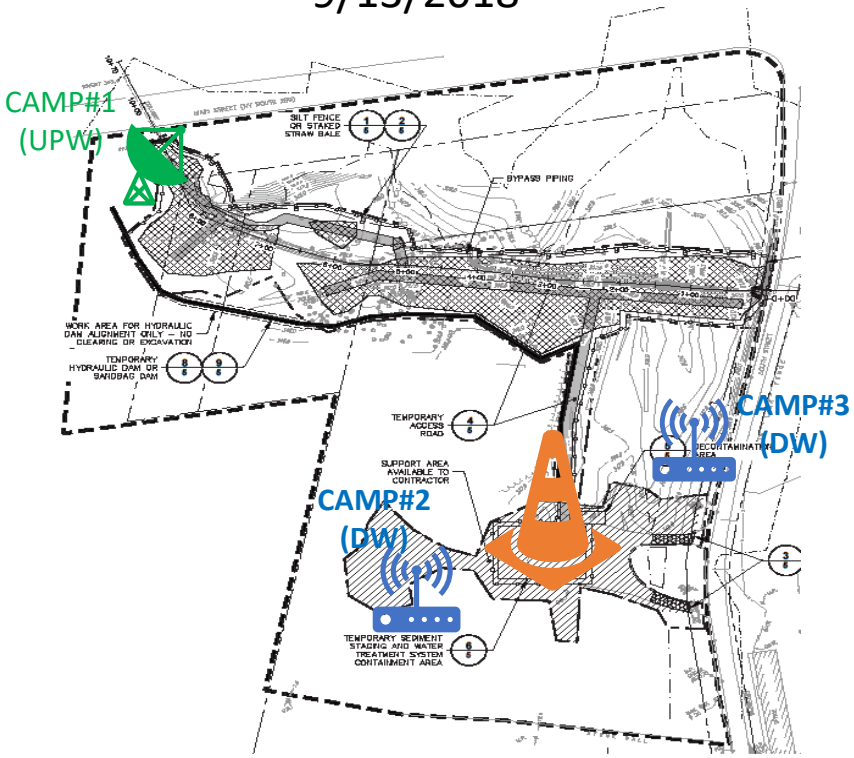


9/12/2018

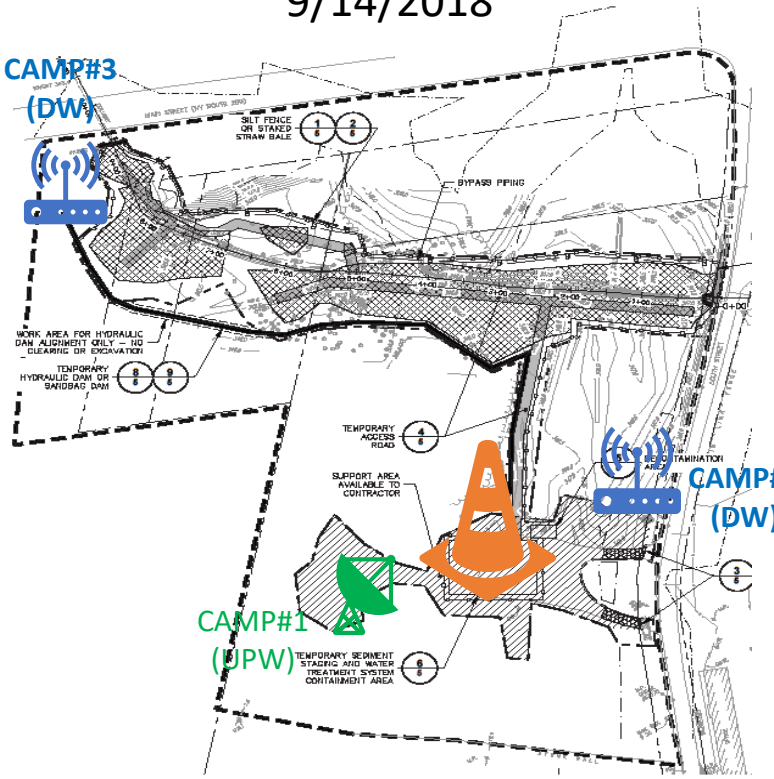


CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

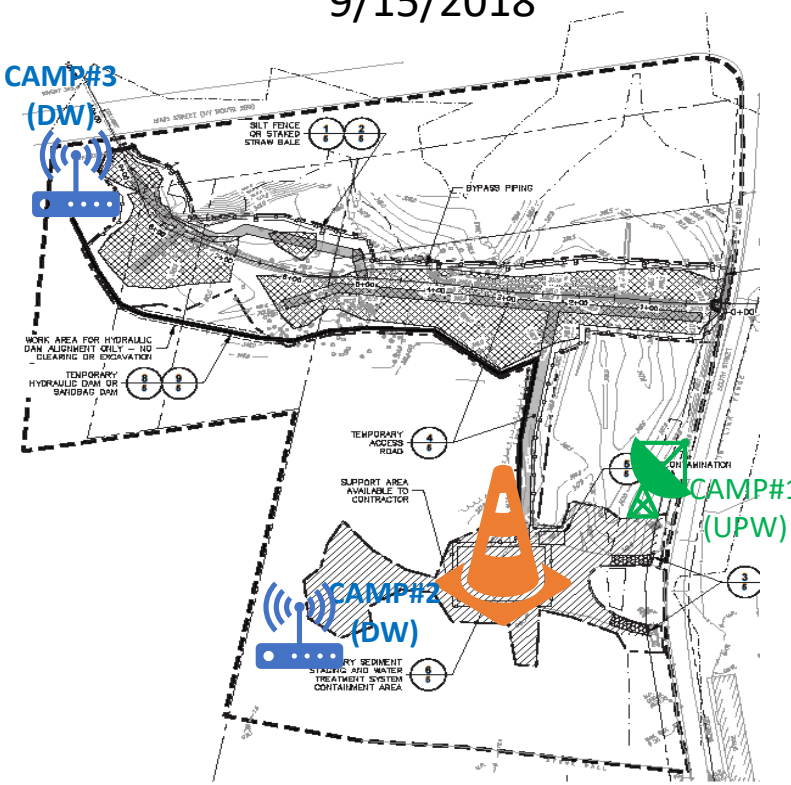
9/13/2018



9/14/2018

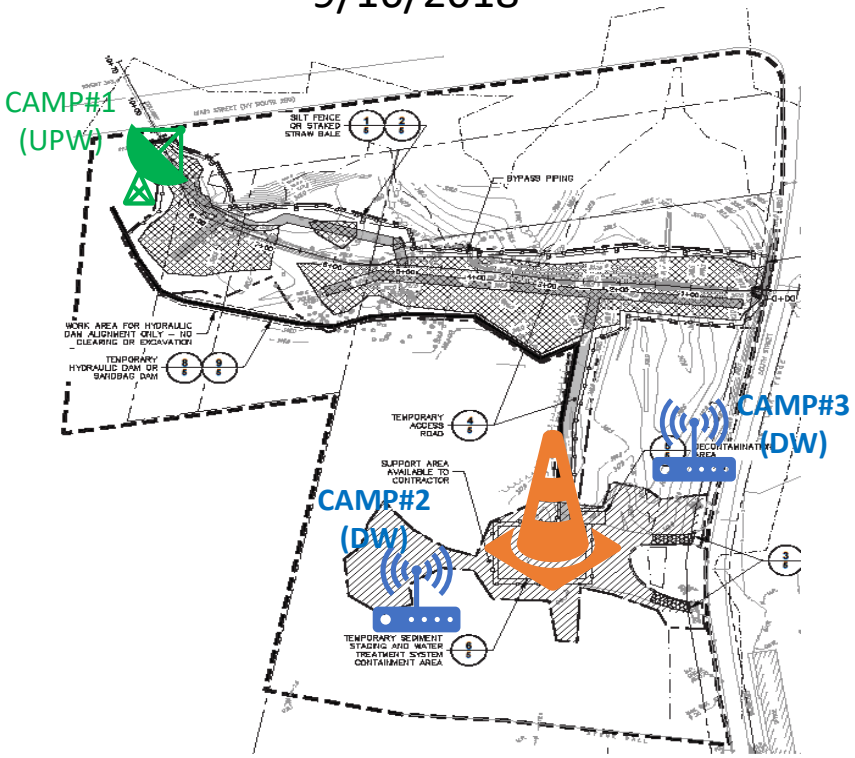


9/15/2018



CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

9/16/2018



From: Mancroni, Wayne <WMancroni@cenhud.com>
Sent: Thursday, September 13, 2018 4:00 PM
To: Deroberts, Christopher; Kohler, Amanda; Ketcham, Lance; Kroening, Matthew; Jonathan LeMessurier (jlemessurier@abscope.com); Justin VanCoughnett (jvancoughnett@abscope.com); Robert Drabot (rdrabot@abscope.com); Rob Gray
Cc: Kiszkiel, Eric
Subject: FW: Temporary Suspension of Daily Camp Monitoring-Elting's Corners

---

From: Thompson, Kiera A (DEC) [mailto:kiera.thompson@dec.ny.gov]
Sent: Thursday, September 13, 2018 2:29 PM
To: Mancroni, Wayne
Cc: Kulow, Kristin (HEALTH); Carpenter, Kevin J (DEC)
Subject: RE: Temporary Suspension of Daily Camp Monitoring-Elting's Corners

** THIS IS AN EXTERNAL EMAIL ** Use caution before opening links / attachments. Never supply UserID/PASSWORD information.

Wayne:

The NYSDEC in consultation with the NYSDOH concurs with this temporary proposal to suspend the full CAMP requirements during backfill activities, while maintaining visual monitoring, dust control measures, and simplified particulate monitoring.

Thanks,

Kiera Thompson
Project Manager, Division of Environmental Remediation

New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7014
P: (518) 402-9662 | F: (518) 402-8050 | kiera.thompson@dec.ny.gov

www.dec.ny.gov[dec.ny.gov] | [facebook.com] | [twitter.com]

From: Mancroni, Wayne [mailto:WMancroni@cenhud.com]
Sent: Thursday, September 13, 2018 12:02 PM
To: Thompson, Kiera A (DEC) <kiera.thompson@dec.ny.gov>
Subject: Temporary Suspension of Daily Camp Monitoring-Elting's Corners
Importance: High

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

Kiera: Per our weekly status meeting on site Tuesday, September 11th Central Hudson offers the following:

> As discussed during the September 11, 2018 progress meeting, the intrusive, impacted material handling activities (including excavation, mat road removal, and off-site disposal) is substantially complete. Some impacted materials remain at the staging area and will remain there pending completion of the water treatment system operation along with final demobilization. Currently, all remaining impacted materials are covered and protected from precipitation and wind and will remain covered going forward.
>
> Based on the above, the project is proposing to temporarily suspend the full CAMP monitoring during the upcoming backfill activities when only clean material will be managed/handled onsite. Visual monitoring and dust controls will continue to be implemented during material placement to mitigate nuisance dust from leaving the site. Additionally, a simplified particulate monitoring program will be implemented during backfill and will be accomplished periodically (2-4 times per day) measuring dust at the perimeter of the work zone using a personal handheld dust monitor.
>
> Full CAMP monitoring will resume when additional handling of the impacted material in the staging area is performed.

Thank-you,
Wayne J. Mancroni
Manager-Environmental Affairs
Central Hudson Gas & Electric Corporation
284 South Avenue
Poughkeepsie, NY 12601

Office-845 486-5534

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Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **9-17-2018 to 9-23-2018.** There were four (4) days of no intrusive/excavation work, however, work conducted requiring CAMP datalogging was the decontamination of equipment and materials. The site was also performing WTS operations and dewatering excavation area.

No exceedances of the 15-minute average concentrations were recorded on the VOC and Dust collecting equipment at downwind monitoring locations. Looking at each of the CAMP data charts and focusing on the dust data for day 9/17/18 and 9/19/19 for CAMP #1, and 9/20/18 for CAMP #2, you will notice those have spikes of quick recordings. CAMP #1 is presumed spike from LRT technician working in general area on 9/17/18, and the 9/19/18 reading is due to humidity. CAMP #2 was shifted when a delivery with straw bales was delivered and placed in the cab of a vehicle while the bales were unloaded to keep out of the way and undamaged. The door to the cab of the vehicle was open, but the CAMP itself was not outside until the delivery was complete.

Please take note that there was no CAMP #2 reading on 9/17/18 due to Netronix Thiamis breakdown and we had to overnight a new system to be ready to go next day. CAMP #2 was up and running the next day.

Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

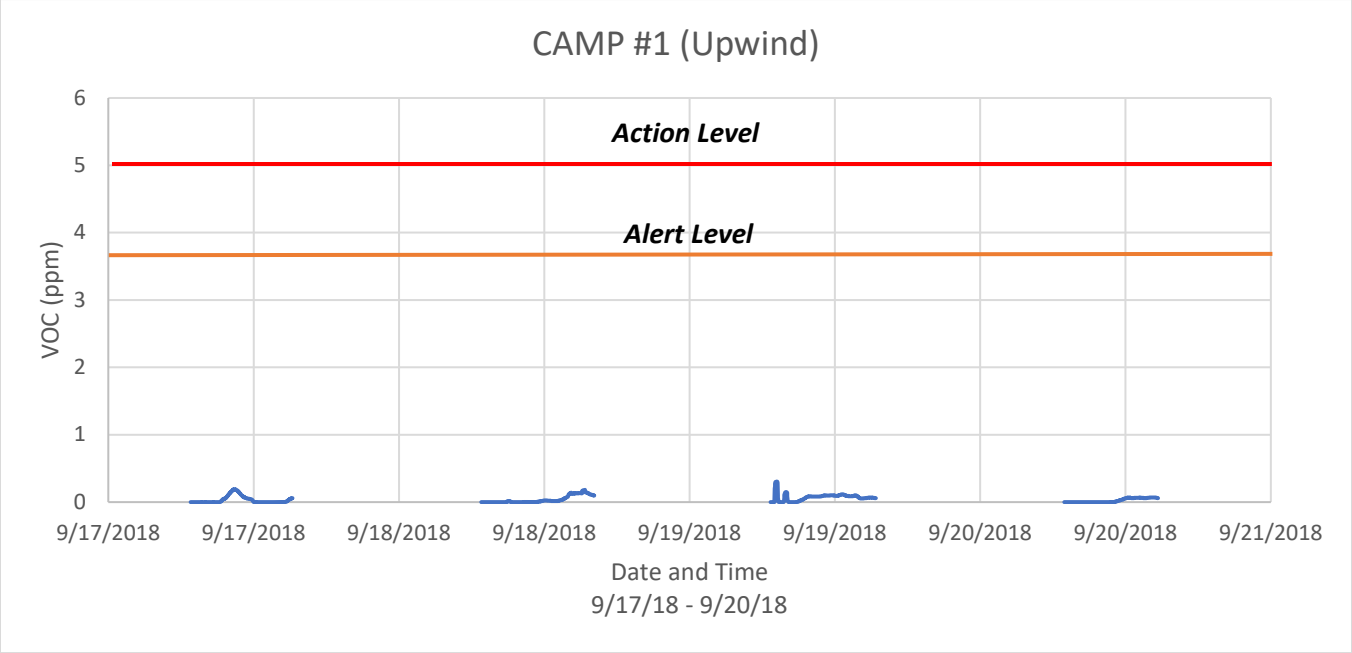
Day	Date (2018)	Remedial Activities Summary
Monday	***17-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Tuesday	***18-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Wednesday	***19-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Thursday	***20-Sep***	No intrusive work. Operated WTS, dewatered excavation cells, and matt decon.
Friday	***21-Sep***	No intrusive work. Operated WTS and dewatered excavation cells.
Saturday	***22-Sep***	No intrusive work. Imported backfill, operated WTS and dewatered excavation cells.
Sunday	***23-Sep***	No intrusive work. Operated WTS and dewatered excavation cells.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***17-Sep***	1 – 7	SSE – SSE	62 – 78	97 – 65	0.23
Tuesday	***18-Sep***	2 – 3	N – NNE	73 – 78	96 – 81	1.27
Wednesday	***19-Sep***	1 – 7	N – NE	66 – 76	97 – 71	0.01
Thursday	***20-Sep***	4 – 3	N – E	58 – 68	91 – 78	0.00
Friday	***21-Sep***	1 – 4	ESE – NE	65 – 69	89 – 86	0.02
Saturday	***22-Sep***	1 – 2	NE – NE	63 – 66	90 – 57	0.00
Sunday	***23-Sep***	4 – 2	NE – NNE	52 – 72	94 – 67	0.00

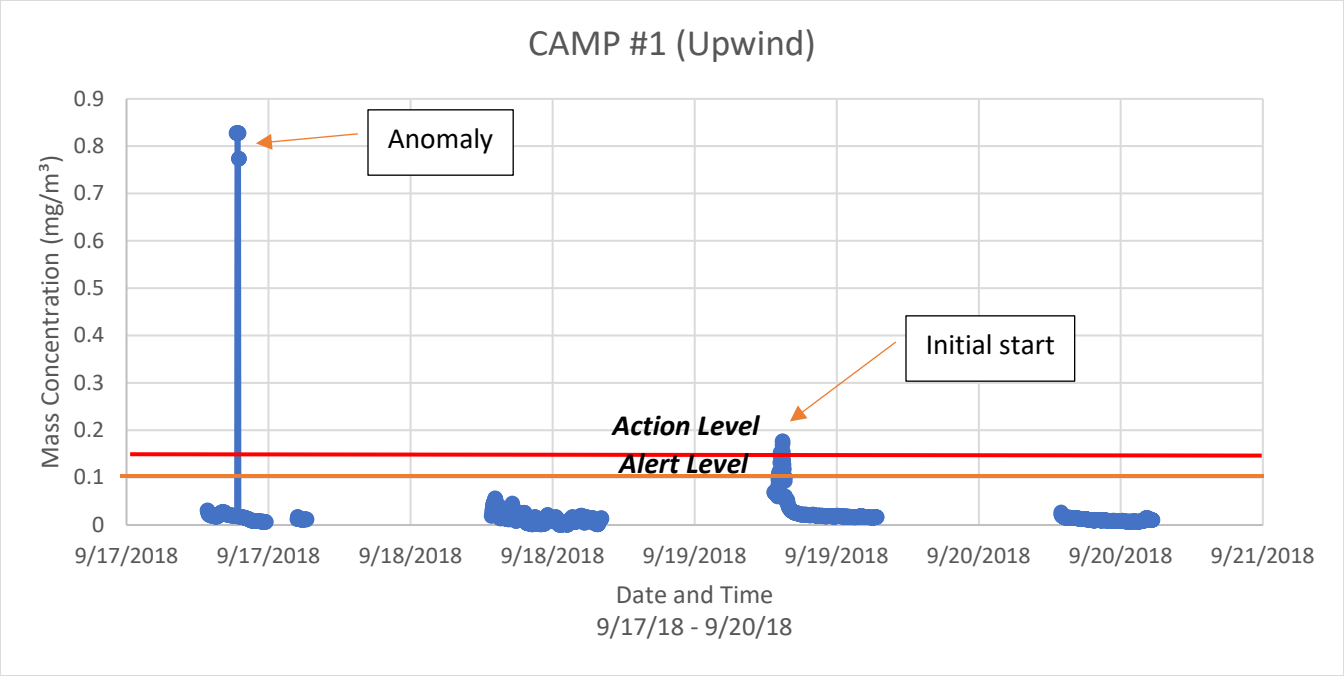
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



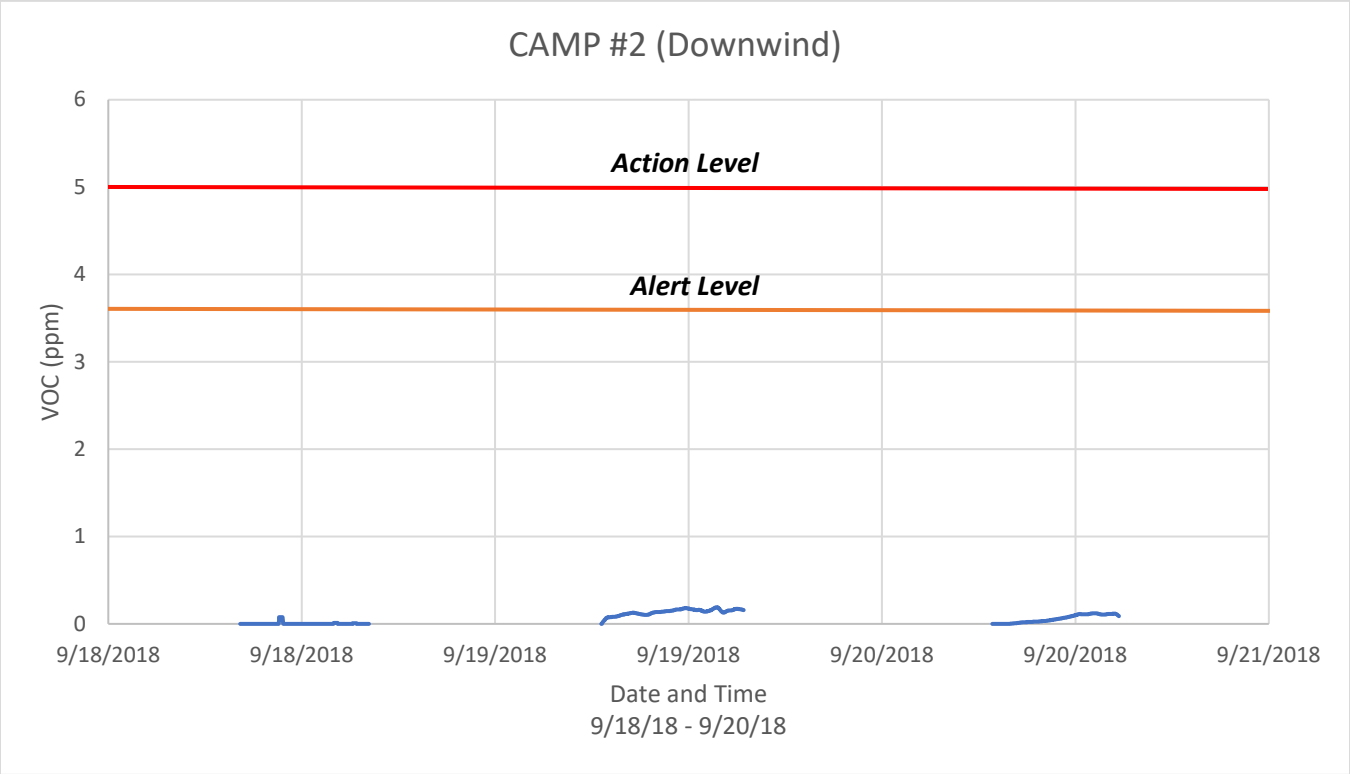
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



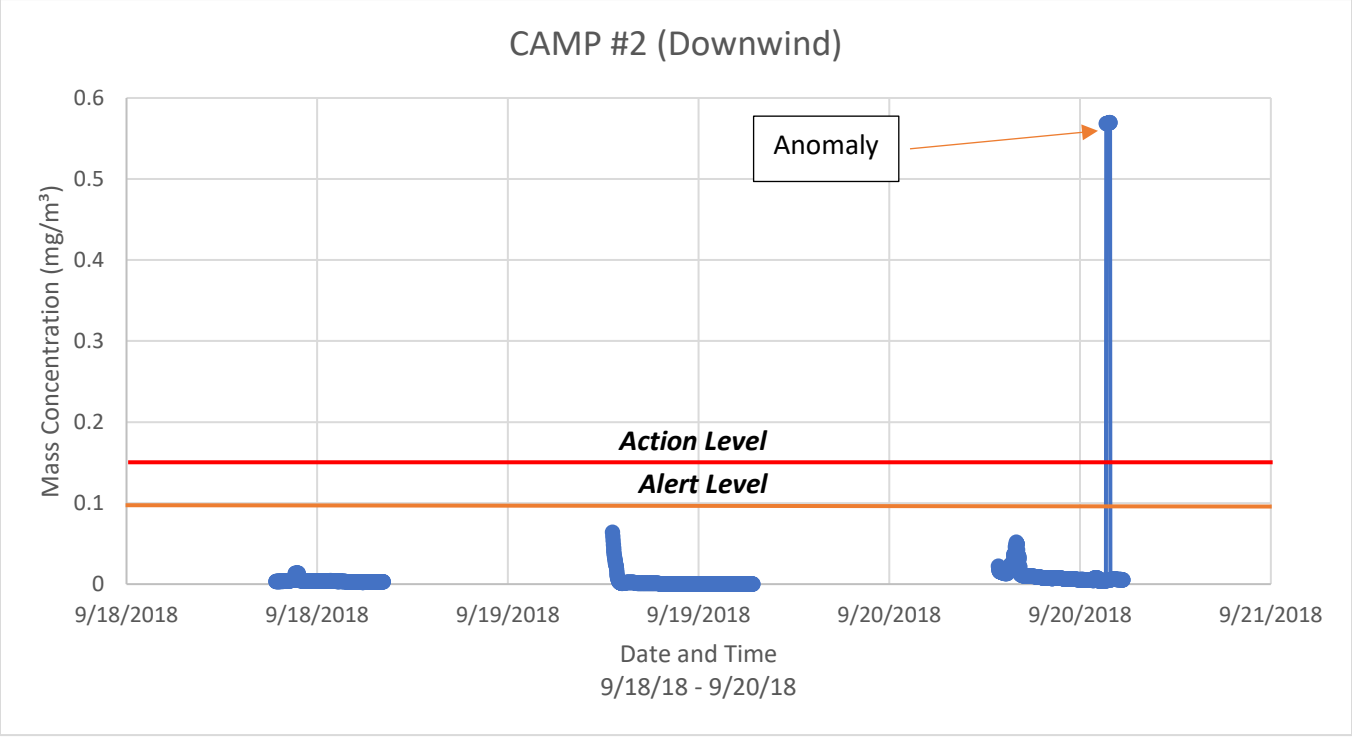
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



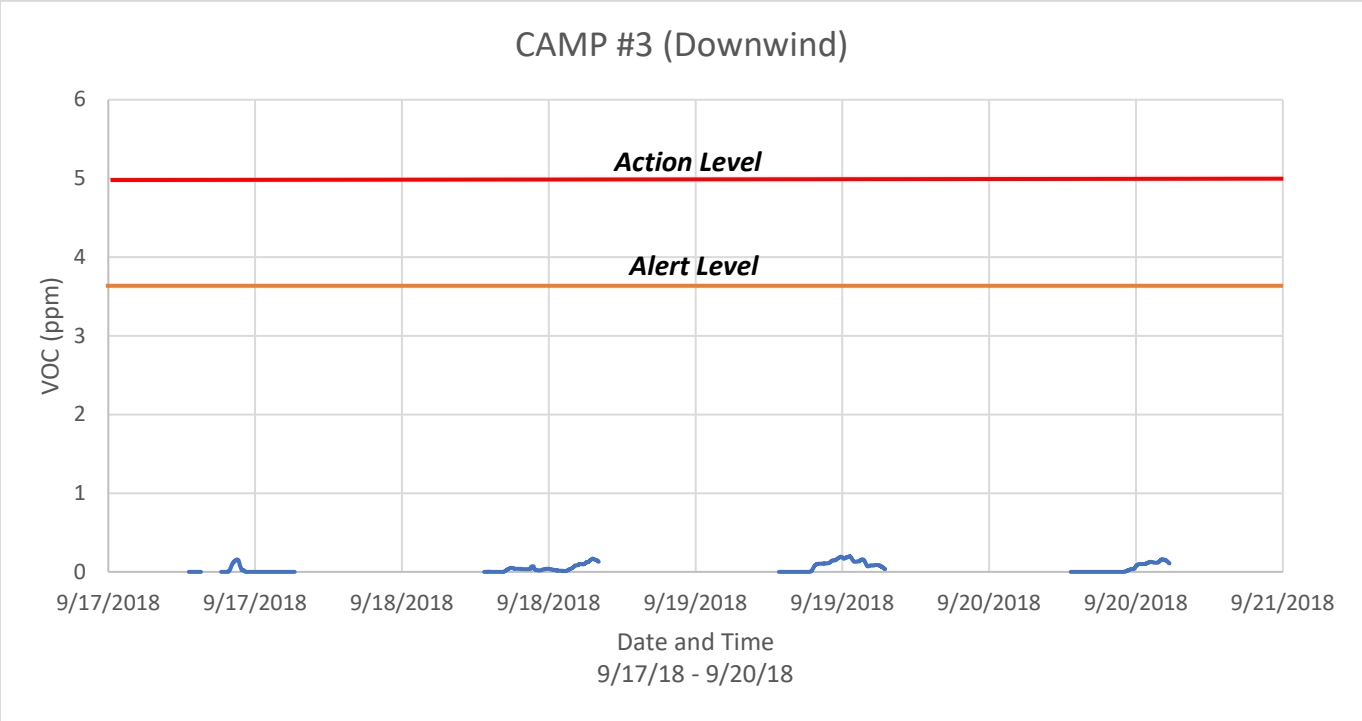
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



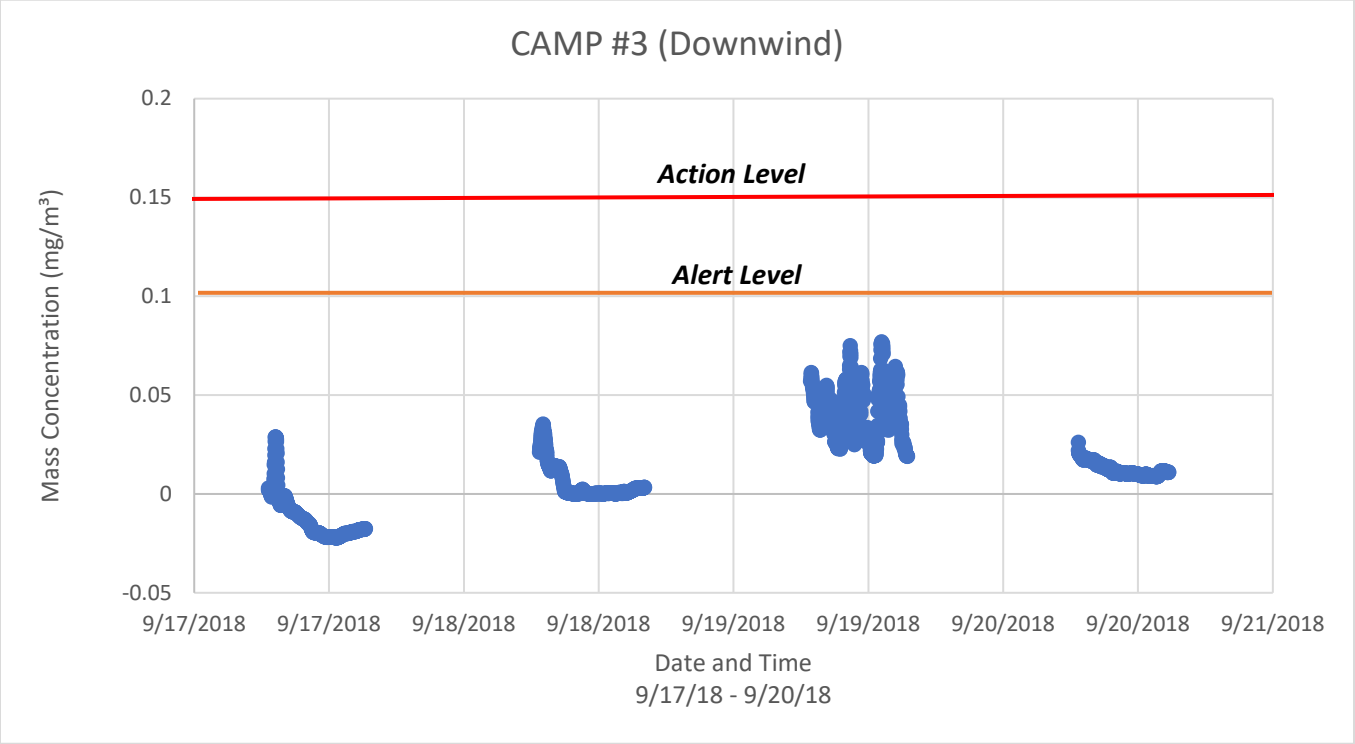
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

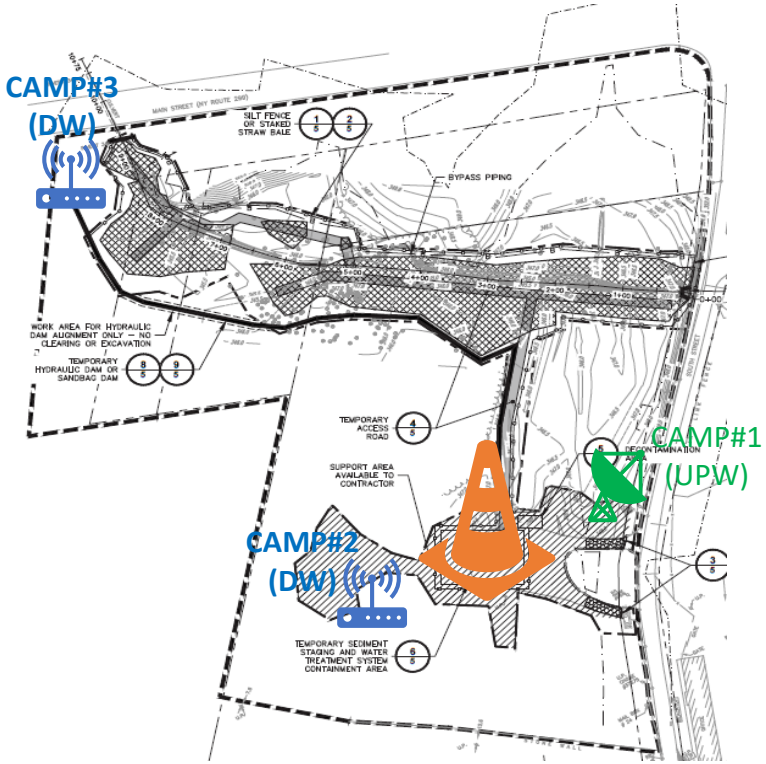
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***17-Sep***	Datalogging.	No Datalogging.	Datalogging.	Netronix Thiamis inoperable.	New parts ordered.
Tuesday	***18-Sep***	Issues Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***19-Sep***	Datalogging.	Datalogging.	Datalogging. Shifted CAMP location.	N/A	N/A
Thursday	***20-Sep***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Friday	***21-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Saturday	***22-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A
Sunday	***23-Sep***	No Datalogging.	No Datalogging.	No Datalogging.	N/A	N/A

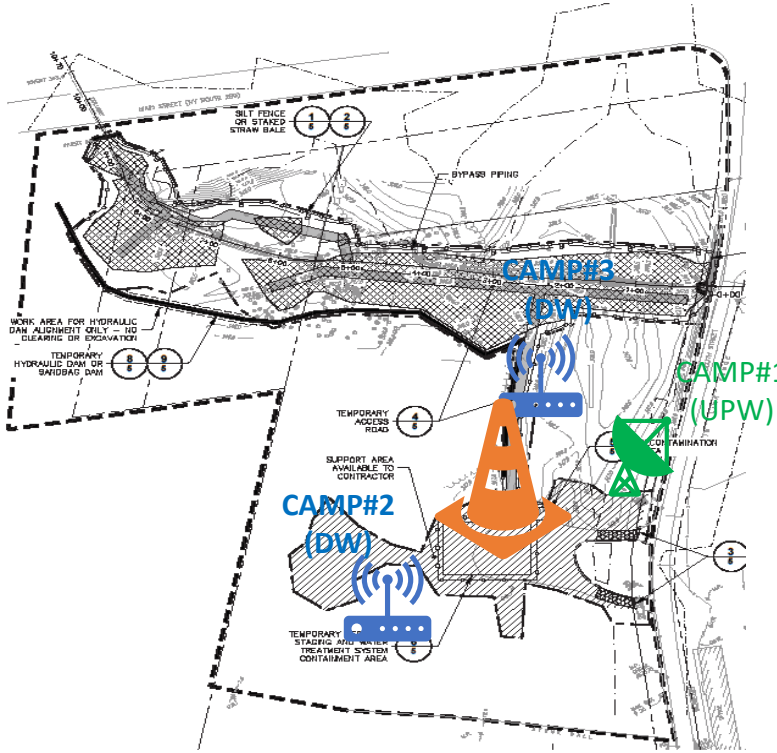
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

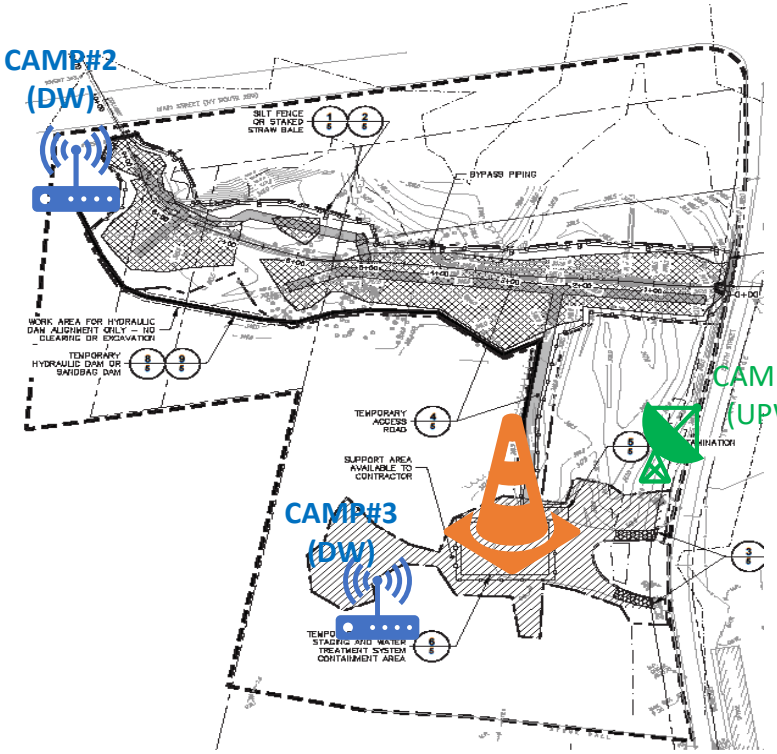
9/17/2018



9/18/2018

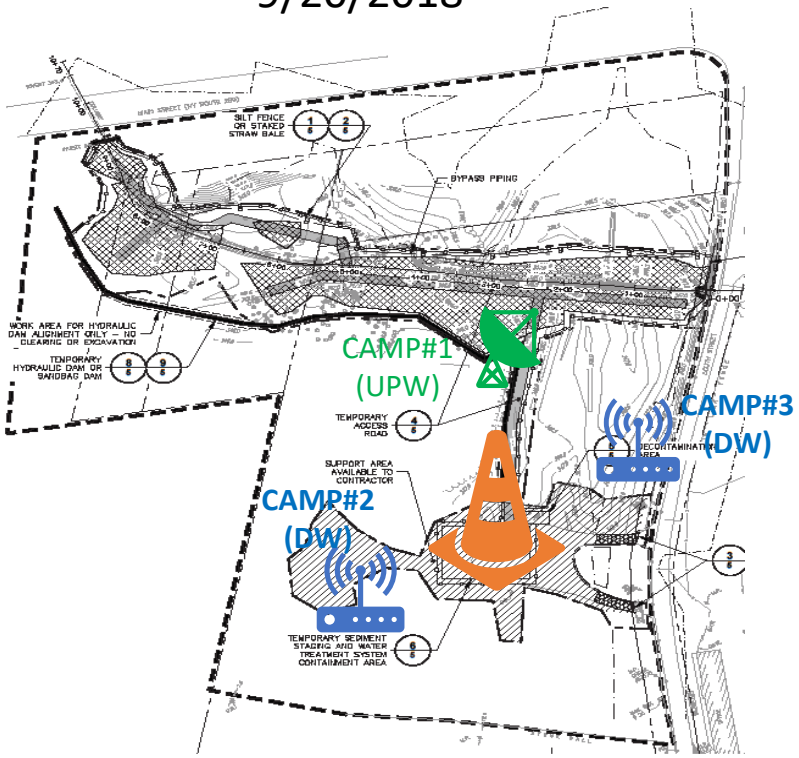


9/19/2018



CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

9/20/2018



Weekly Operations Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **9-24-2018 to 9-30-2018.** There were two (2) days of backfill work. The site was also performing WTS operations and dewatering excavation area.

No exceedances of the instantaneous readings were noted.

Air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***24-Sep***	1 – 8	NE – NE	50 – 60	95 – 77	0.01
Tuesday	***25-Sep***	1 – 1	N – NNE	51 – 56	95 – 97	1.50
Wednesday	***26-Sep***	1 – 2	S – S	66 – 80	98 – 78	0.01
Thursday	***27-Sep***	4 – 3	NE – E	55 – 68	87 – 78	0.00
Friday	***28-Sep***	6 – 1	N – NE	52 – 61	95 – 82	0.77
Saturday	***29-Sep***	1 – 3	NW – NNW	52 – 66	98 – 60	0.00
Sunday	***30-Sep***	2 – 5	NW – SW	58 – 63	81 – 70	0.01

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***24-Sep***	Backfill operations, operated WTS, and dewatered excavation cells.
Tuesday	***25-Sep***	No backfill work. WTS maintenance and dewatered excavation cells.
Wednesday	***26-Sep***	Backfill operations, operated WTS, and dewatered excavation cells.
Thursday	***27-Sep***	No intrusive work. Operated WTS and dewatered excavation cells.
Friday	***28-Sep***	No intrusive work. Imported backfill, operated WTS, and dewatered excavation cells.
Saturday	***29-Sep***	No intrusive work. Imported backfill, operated WTS, and dewatered excavation cells.
Sunday	***30-Sep***	No backfill work. WTS maintenance and dewatered excavation cells.

Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m³)	Notes:
Monday	***24-Sep***	8:00	0.001	
		12:00	0.004	
		14:45	0.002	
Tuesday	***25-Sep***	--	NM	
		--	NM	
		--	NM	
Wednesday	***26-Sep***	7:00	0.004	
		11:00	0.002	
		14:30	0.005	
Thursday	***27-Sep***	--	NM	
		--	NM	
		--	NM	
Friday	***28-Sep***	--	NM	
		--	NM	
		--	NM	
Saturday	***29-Sep***	--	NM	
		--	NM	
		--	NM	
Sunday	***30-Sep***	--	NM	
		--	NM	
		--	NM	

*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Weekly Operations Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **10-1-2018 to 10-7-2018.** There were six (6) days of backfill work. The site was also importing backfill and dewatering excavation areas.

No exceedances of the instantaneous readings were noted.

Air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***1-Oct***	1 – 7	SW – NW	50 – 61	96 – 85	0.00
Tuesday	***2-Oct***	1 – 5	NNE – ENE	55 – 64	97 – 97	0.55
Wednesday	***3-Oct***	1 – 5	NNE – NE	58 – 69	97 – 80	0.30
Thursday	***4-Oct***	2 – 5	SSE – SSE	55 – 71	88 – 83	0.00
Friday	***5-Oct***	6 – 5	N – NE	52 – 61	95 – 82	0.00
Saturday	***6-Oct***	2 – 1	N – S	54 – 61	87 – 95	0.00
Sunday	***7-Oct***	5 – 6	SW – SE	70 – 74	92 – 86	0.01

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***1-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Tuesday	***2-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Wednesday	***3-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Thursday	***4-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Friday	***5-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Saturday	***6-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Sunday	***7-Oct***	No backfill work. WTS maintenance and dewatered excavation cells.

Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m³)	Notes:
Monday	***1-Oct***	9:00	0.002	
		12:00	0.001	
		16:00	0.004	
Tuesday	***2-Oct***	8:00	0.004	
		11:00	0.002	
		15:00	0.004	
Wednesday	***3-Oct***	8:00	0.003	
		10:00	0.008	
		15:00	0.005	
Thursday	***4-Oct***	7:50	0.003	
		11:40	0.005	
		14:50	0.002	
Friday	***5-Oct***	8:10	0.007	
		11:00	0.004	
		15:25	0.005	
Saturday	***6-Oct***	8:15	0.005	
		11:10	0.003	
		15:45	0.005	
Sunday	***7-Oct***	--	NM	
		--	NM	
		--	NM	

*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Weekly Operations Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **10-8-2018 to 10-15-2018.** There were four (4) days of backfill work. The site was also importing backfill and dewatering excavation areas.

No exceedances of the instantaneous readings were noted.

Air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***8-Oct***	5 – 1	N – NW	54 – 58	91 – 97	0.00
Tuesday	***9-Oct***	1 – 6	SSE – SSE	63 – 77	97 – 79	0.02
Wednesday	***10-Oct***	1 – 1	S – S	69 – 79	96 – 75	0.00
Thursday	***11-Oct***	2 – 5	S – SSE	72 – 71	91 – 83	0.85
Friday	***12-Oct***	2 – 9	N – NNW	56 – 55	88 – 51	0.26
Saturday	***13-Oct***	1 – 7	SW – W	46 – 55	87 – 54	0.15
Sunday	***14-Oct***	3 – 9	SW – SW	39 – 55	93 –54	0.00

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***8-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Tuesday	***9-Oct***	Backfill operations and dewatered excavation cells.
Wednesday	***10-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Thursday	***11-Oct***	Backfill operations and dewatered excavation cells.
Friday	***12-Oct***	Imported backfill and dewatered excavation cells.
Saturday	***13-Oct***	Imported backfill and dewatered excavation cells.
Sunday	***14-Oct***	Stockpile management and dewatered excavation cells.

Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m³)	Notes:
Monday	***8-Oct***	8:00	0.006	
		12:00	0.002	
		16:00	0.003	
Tuesday	***9-Oct***	8:15	0.003	
		10:00	0.008	
		14:00	0.007	
Wednesday	***10-Oct***	8:00	0.004	
		12:00	0.006	
		16:00	0.002	
Thursday	***11-Oct***	7:50	0.003	
		10:15	0.005	
		--	NM	Torrential Rain
Friday	***12-Oct***	--	NM	
		--	NM	
		--	NM	
Saturday	***13-Oct***	--	NM	
		--	NM	
		--	NM	
Sunday	***14-Oct***	--	NM	
		--	NM	
		--	NM	

*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **10-15-2018 to 10-21-2018.** There were roughly three (3) days of decontamination of equipment and materials that required CAMP datalogging.

No exceedances of the 15-minute average concentrations were recorded on the VOC and Dust collecting equipment at downwind monitoring locations. Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry.

Post decontamination operations and shifting to backfill, air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. We even measured backfill readings during decon as a precaution. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***15-Oct***	1 – 5	SW – SSW	47 – 61	96 – 94	0.04
Tuesday	***16-Oct***	1 – 7	SSW – SW	42 – 55	71 – 50	0.00
Wednesday	***17-Oct***	1 – 10	W – WNW	35 – 54	95 – 54	0.00
Thursday	***18-Oct***	1 – 8	W – W	38 – 48	60 – 42	0.00
Friday	***19-Oct***	1 – 4	S – SSW	31 – 59	93 – 39	0.00
Saturday	***20-Oct***	6 – 6	W – W	50 – 57	92 – 54	0.02
Sunday	***21-Oct***	11 – 1	W – NW	41 – 44	65 – 39	0.10

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***15-Oct***	No backfill operations. Dewatered excavation cells and decon of WTS vessels.
Tuesday	***16-Oct***	No backfill operations. Dewatered excavation cells and decon of WTS vessels.
Wednesday	***17-Oct***	Backfill operations and dewatered excavation cells, and decon of WTS vessels.
Thursday	***18-Oct***	Backfill operations and dewatered excavation cells.
Friday	***19-Oct***	Backfill operations and dewatered excavation cells.
Saturday	***20-Oct***	Backfill operations and dewatered excavation cells.
Sunday	***21-Oct***	No intrusive work. Site housekeeping and dewatered cells.

Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

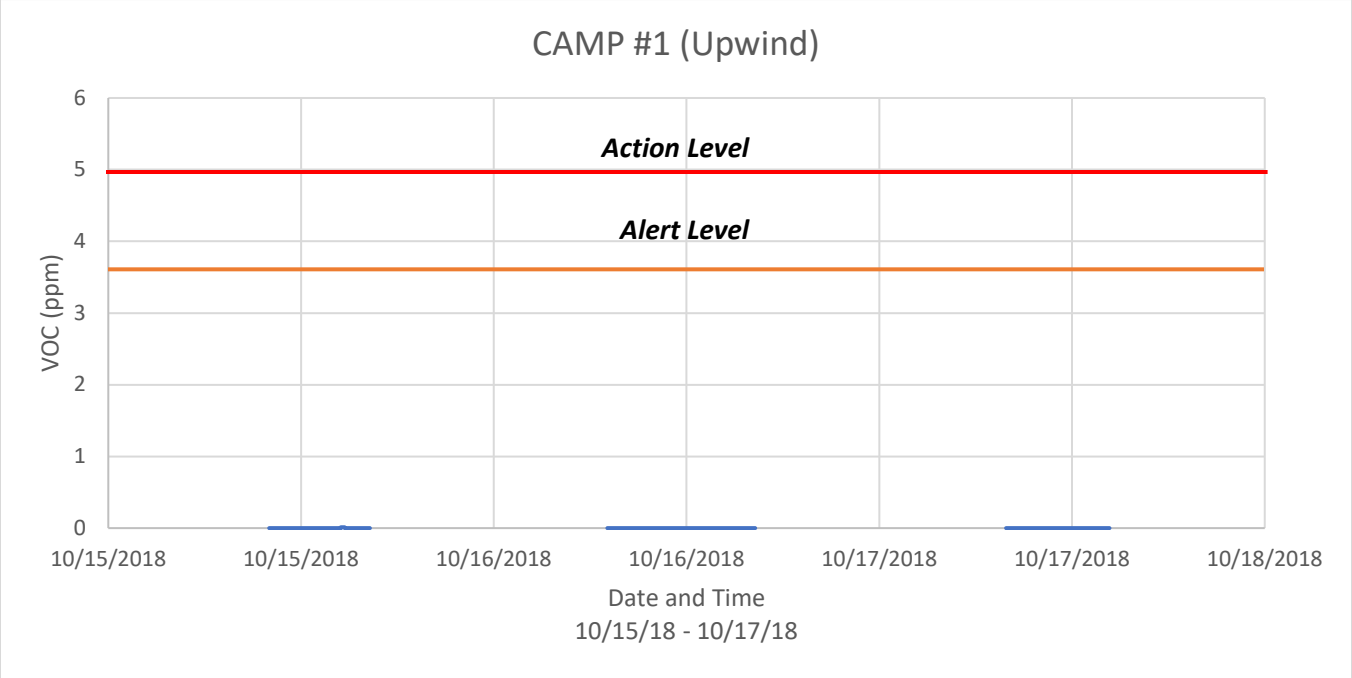
Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***15-Oct***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Tuesday	***16-Oct***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***17-Oct***	Datalogging.	No Datalogging.	Datalogging.	N/A	N/A
Thursday	***18-Oct***	NR	NR	NR	N/A	N/A
Friday	***19-Oct***	NR	NR	NR	N/A	N/A
Saturday	***20-Oct***	NR	NR	NR	N/A	N/A
Sunday	***21-Oct***	NR	NR	NR	N/A	N/A

*N/A – Non-Applicable

*NR – Not Required

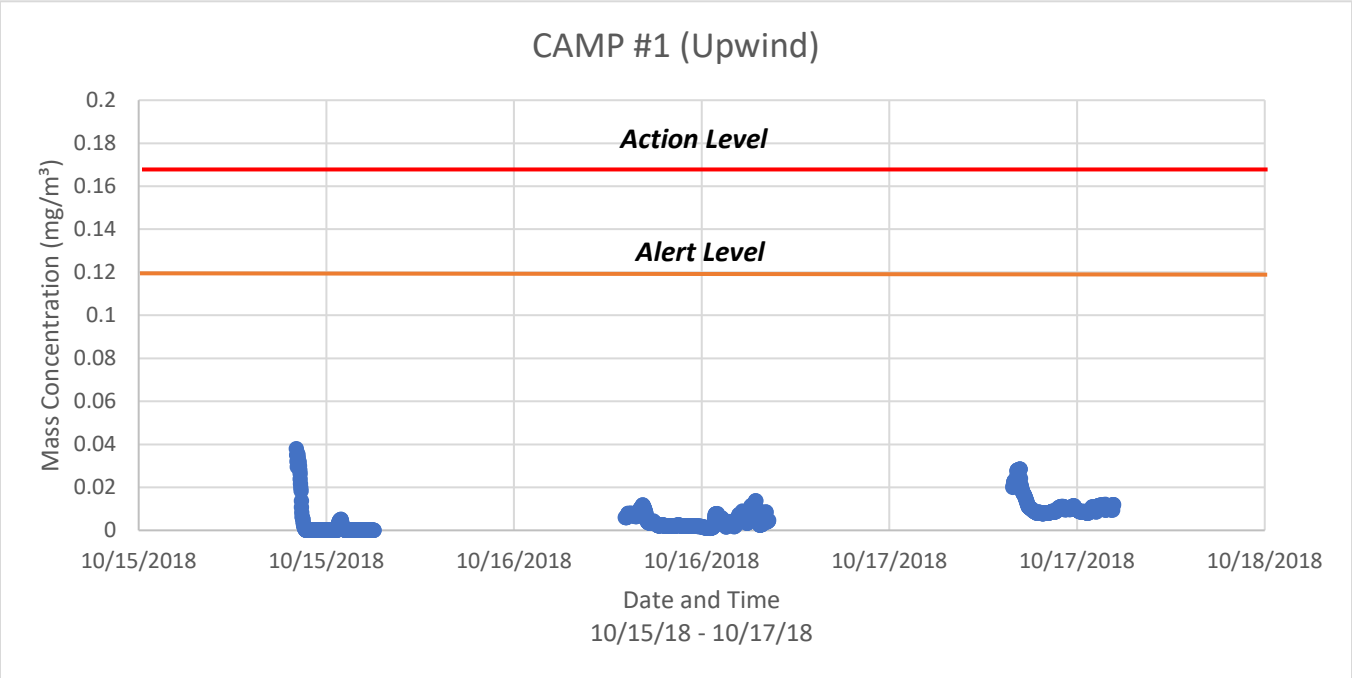
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



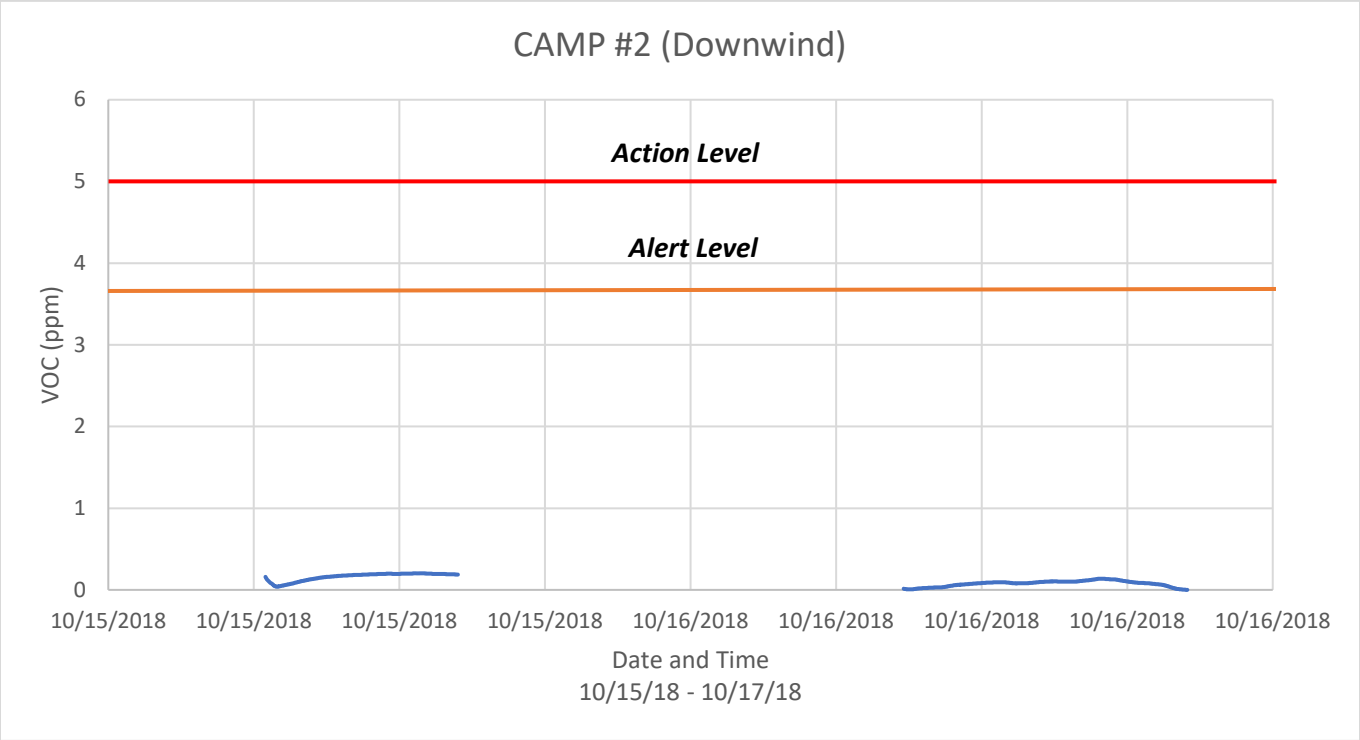
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



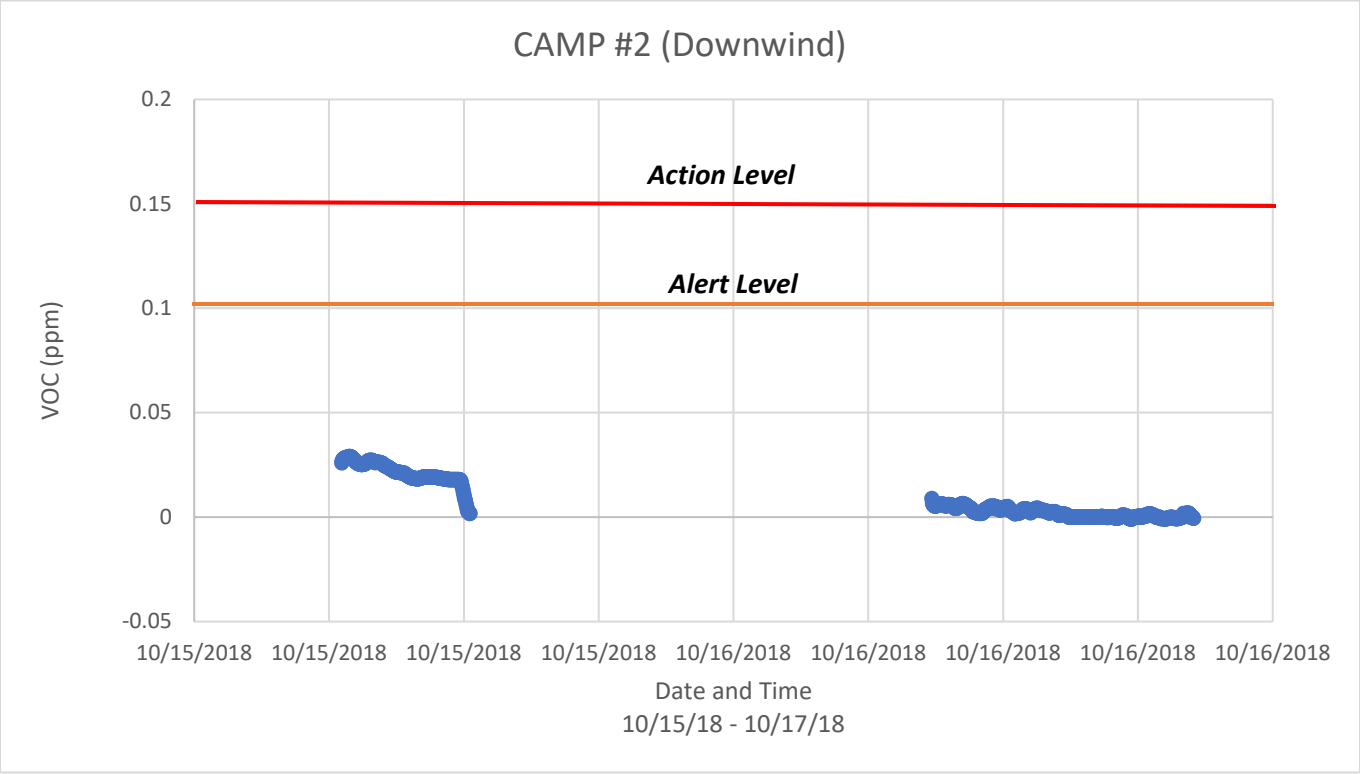
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



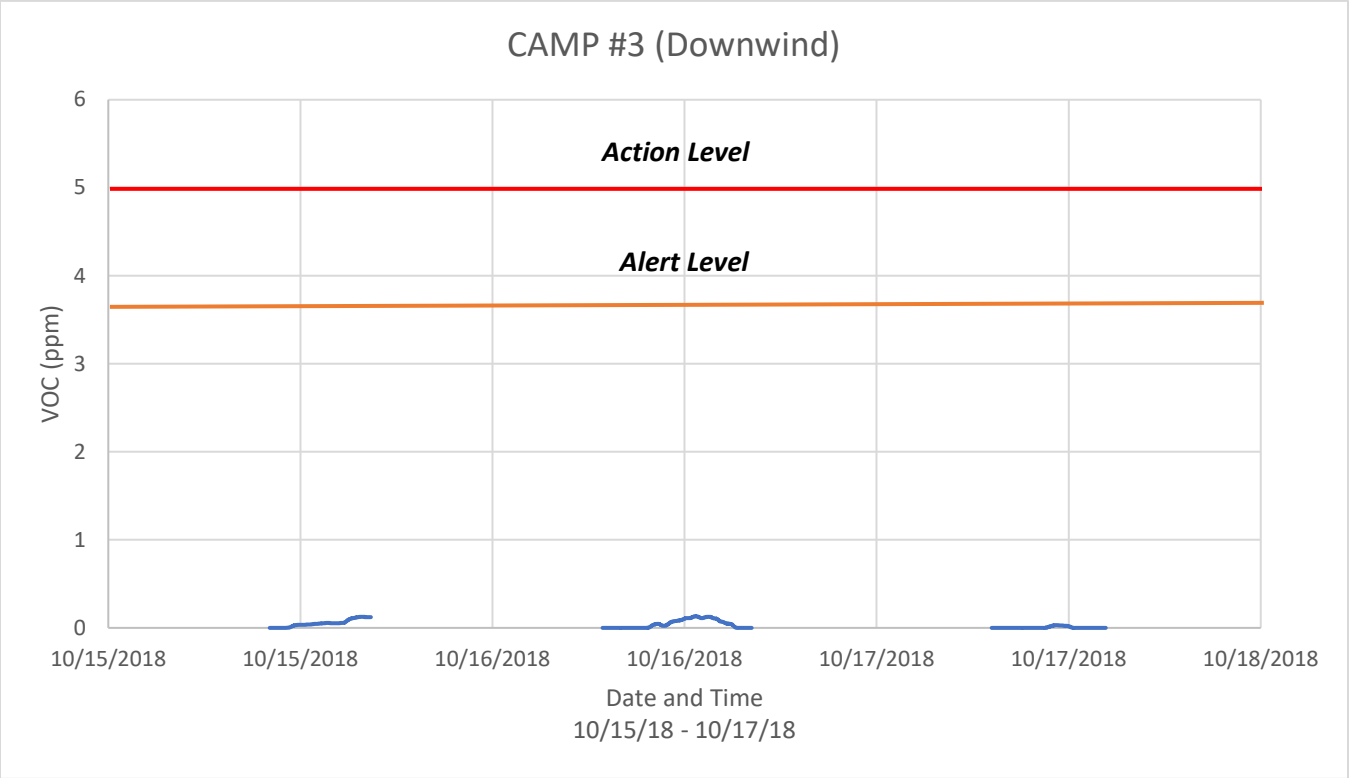
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



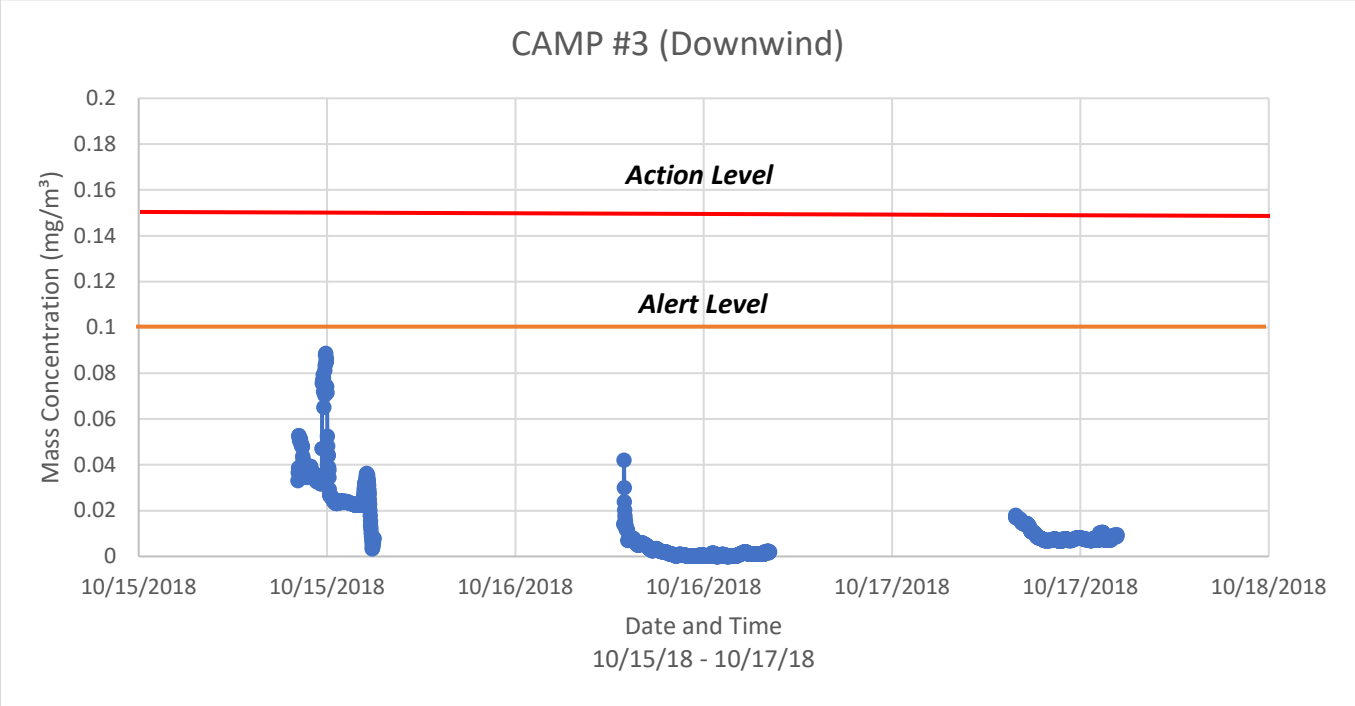
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Backfill Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m³)	Notes:
Monday	***15-Oct***	See Graphs of CAMP results		
				No manual dust monitoring performed.
Tuesday	***16-Oct***	See Graphs of CAMP results		
				No manual dust monitoring performed.
Wednesday	***17-Oct***	8:15	0.007	Monitoring along with CAMP monitoring
		11:30	0.008	Monitoring along with CAMP monitoring
		15:00	0.005	Monitoring along with CAMP monitoring
Thursday	***18-Oct***	8:00	0.003	
		11:00	0.008	
		15:00	0.009	
Friday	***19-Oct***	8:00	0.004	
		11:00	0.008	
		15:50	0.009	
Saturday	***20-Oct***	8:20	0.006	
		--	NM	Stopped backfill
		--	NM	
Sunday	***21-Oct***	--	NM	
		--	NM	
		--	NM	

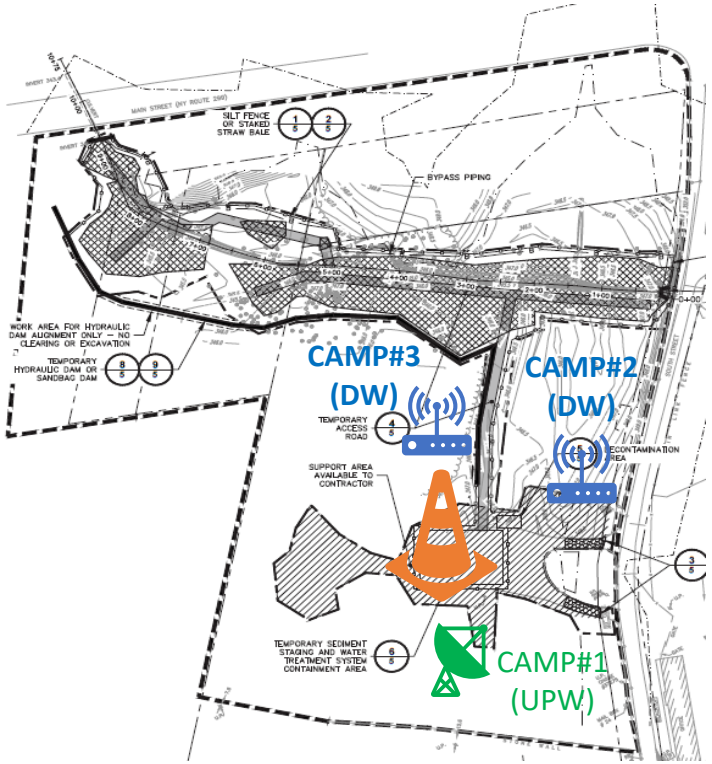
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

*NM – Not Measured

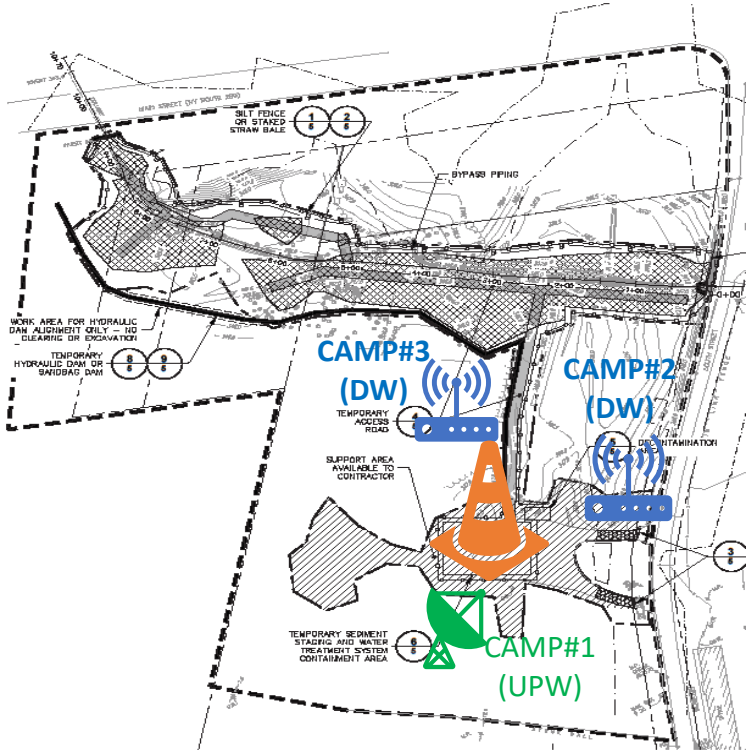
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

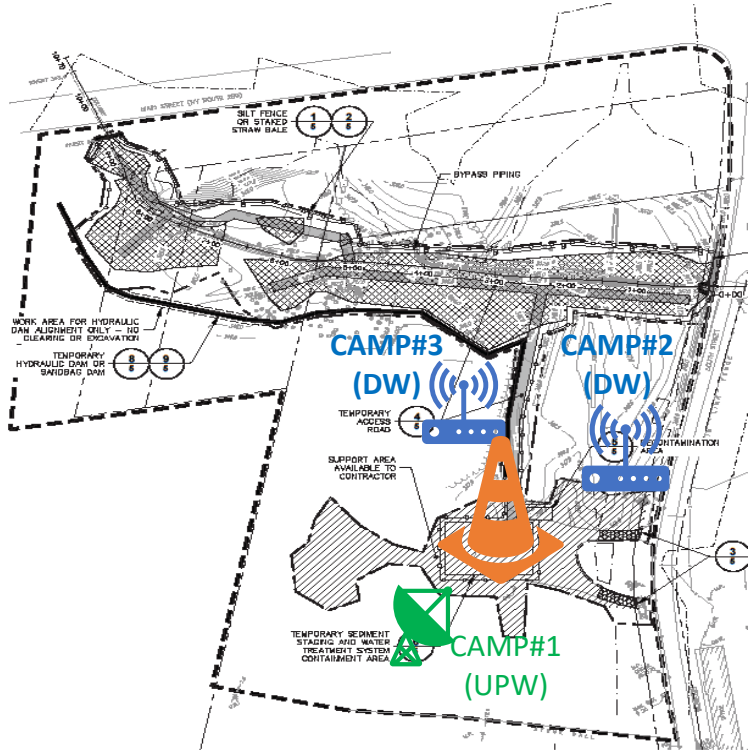
10/15/2018



10/16/2018



10/17/2018



Weekly Operations Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **10-22-2018 to 10-28-2018.** There were five (5) days of backfill work. The site was also importing backfill and dewatering excavation areas.

No exceedances of the instantaneous readings were noted.

Air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***22-Oct***	7 – 5	S – SSW	35 – 48	82 – 57	0.00
Tuesday	***23-Oct***	3 – 3	SE – ESE	42 – 51	81 – 81	0.22
Wednesday	***24-Oct***	3 – 1	WSW – W	44 – 49	83 – 59	0.00
Thursday	***25-Oct***	3 – 7	SE – W	36 – 45	87 – 62	0.00
Friday	***26-Oct***	1 – 9	NNW – NNW	32 – 55	94 – 51	0.00
Saturday	***27-Oct***	9 – 11	N – NW	38 – 42	92 – 94	0.88
Sunday	***28-Oct***	1 – 2	NE – SW	43 – 49	96 –76	0.05

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***22-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Tuesday	***23-Oct***	Backfill operations and dewatered excavation cells.
Wednesday	***24-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Thursday	***25-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Friday	***26-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Saturday	***27-Oct***	Dewatered excavation cells and light duty site work.
Sunday	***28-Oct***	Dewatered excavation cells and rinsed equipment.

Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m³)	Notes:
Monday	***22-Oct***	8:00	0.003	
		12:10	0.002	
		16:10	0.004	
Tuesday	***23-Oct***	8:15	0.006	
		11:00	0.005	
		15:00	0.007	
Wednesday	***24-Oct***	8:20	0.002	
		12:20	0.001	
		16:00	0.005	
Thursday	***25-Oct***	8:50	0.004	
		10:15	0.006	
		16:05	0.006	
Friday	***26-Oct***	8:35	0.002	
		11:30	0.005	
		15:00	0.004	
Saturday	***27-Oct***	--	NM	
		--	NM	
		--	NM	
Sunday	***28-Oct***	--	NM	
		--	NM	
		--	NM	

*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Weekly Operations Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **10-29-2018 to 11-04-2018.** There were five (5) days of backfill work. The site was also importing backfill and dewatering excavation areas.

No exceedances of the instantaneous readings were noted.

Air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***29-Oct***	1 – 8	NW – W	46 – 52	96 – 66	0.19
Tuesday	***30-Oct***	1 – 1	N – NW	39 – 53	87 – 47	0.00
Wednesday	***31-Oct***	1 – 2	N – ENE	30 – 62	95 – 48	0.00
Thursday	***1-Nov***	2 – 2	SE –NE	52 – 53	95 – 86	0.01
Friday	***2-Nov***	2 – 9	WSW – W	56 – 64	97 – 88	0.52
Saturday	***3-Nov***	1 – 13	S – SW	54 – 50	97 – 58	1.17
Sunday	***4-Nov***	1 – 2	N – NE	33 – 41	93 –74	0.00

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***29-Oct***	Backfill operations, and dewatered excavation cells.
Tuesday	***30-Oct***	Backfill operations, imported backfill and dewatered excavation cells.
Wednesday	***31-Oct***	Backfill operations, imported backfill, and dewatered excavation cells.
Thursday	***1-Nov***	Backfill operations, imported backfill, and dewatered excavation cells.
Friday	***2-Nov***	Backfill operations and dewatered excavation cells.
Saturday	***3-Nov***	Dewatered excavation cells and light duty site work.
Sunday	***4-Nov***	Dewatered excavation cells and light duty site work.

Backfill Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m^3)	Notes:
Monday	***29-Oct***	8:00	0.005	
		12:00	0.005	
		16:00	0.003	
Tuesday	***30-Oct***	8:30	0.002	
		11:20	0.002	
		15:45	0.004	
Wednesday	***31-Oct***	8:25	0.002	
		12:40	0.006	
		15:00	0.005	
Thursday	***1-Nov***	8:30	0.002	
		10:55	0.003	
		16:00	0.003	
Friday	***2-Nov***	8:05	0.002	
		11:30	0.006	
		14:00	0.004	
Saturday	***3-Nov***	--	NM	
		--	NM	
		--	NM	
Sunday	***4-Nov***	--	NM	
		--	NM	
		--	NM	

*Alert Level -> Δ> 0.10 mg/m^3, Action Level -> Δ> 0.15 mg/m^3

**NM – Not Measured

Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **11-5-2018 to 11-11-2018.** There were roughly five (5) days of loading out impacted soils that required CAMP datalogging.

A few exceedances of the 15-minute average concentrations were recorded on the Dust collecting equipment at upwind and downwind monitoring locations. Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry.

It is presumed that the initial startup was the reason for exceedance as after calibration, the equipment was running properly with no alert or action item needing to be taken. The CAMP setups working in the rainy conditions all day on Tuesday, 11/6/18, may be the reason for the subsequent issues with recording data for the days to follow for select CAMPs.

Post decontamination operations and shifting to backfill, air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. We even measured backfill readings during decon as a precaution. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***5-Nov***	1 – 2	NE – N	39 – 46	92 – 95	0.21
Tuesday	***6-Nov***	4 – 7	NE – ESE	46 – 55	97 – 50	0.60
Wednesday	***7-Nov***	1 – 4	SW – S	50 – 57	69 – 50	0.00
Thursday	***8-Nov***	1 – 3	W – NW	34 – 46	90 – 52	0.00
Friday	***9-Nov***	1 – 10	N – NNW	31 – 39	94 – 93	0.41
Saturday	***10-Nov***	8 – 14	SW – W	41 – 37	81 – 34	0.06
Sunday	***11-Nov***	4 – 4	SW – N	30 – 39	68 – 41	0.00

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***5-Nov***	Backfill operations, imported backfill, loaded out impacted material, and dewatered excavation cells.
Tuesday	***6-Nov***	Backfill operations, loaded out impacted material, and dewatered excavation cells.
Wednesday	***7-Nov***	Backfill operations, loaded out impacted material, and dewatered excavation cells.
Thursday	***8-Nov***	Backfill operations, imported backfill, loaded out impacted material, and dewatered excavation cells.
Friday	***9-Nov***	Backfill operations, imported backfill, loaded out impacted material, and dewatered excavation cells.
Saturday	***10-Nov***	Dewatered excavation cells.
Sunday	***11-Nov***	Dewatered excavation cells.

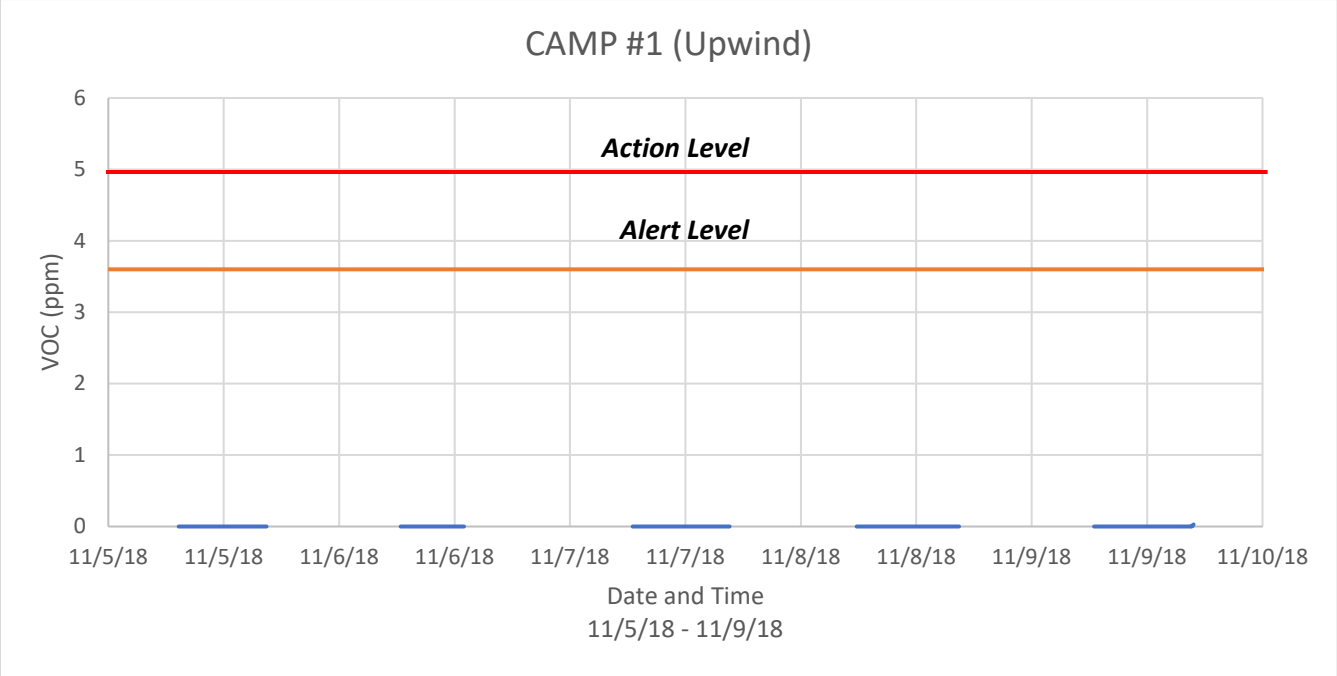
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***5-Nov***	DustTrak not datalogging.	Datalogging.	Datalogging.	N/A	N/A
Tuesday	***6-Nov***	Datalogging.	Datalogging.	Datalogging.	N/A	N/A
Wednesday	***7-Nov***	Datalogging.	No Datalogging for DustTrak. Could not troubleshoot.	No Datalogging for DustTrak. Could not troubleshoot.	N/A	N/A
Thursday	***8-Nov***	Datalogging	No Datalogging for VOC. Could not troubleshoot.	Datalogging.	Initial CAMP #1 startup with calibration exceedance.	None Taken due to calibration sequence.
Friday	***9-Nov***	Datalogging.	No Datalogging for DustTrak and VOC. Could not troubleshoot.	Datalogging.	Initial CAMP #3 start up with calibration exceedance.	None Taken due to calibration sequence.
Saturday	***10-Nov***	NR	NR	NR	N/A	N/A
Sunday	***11-Nov***	NR	NR	NR	N/A	N/A

*N/A – Non-Applicable, *NR – Not Required

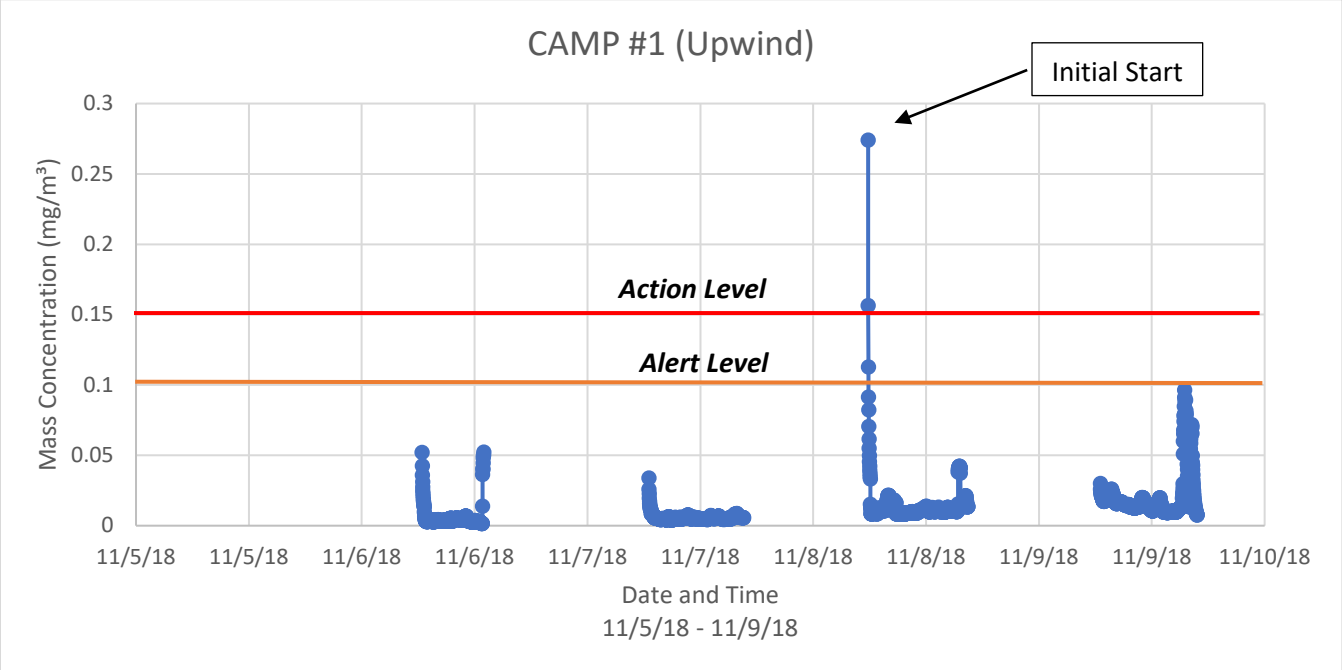
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



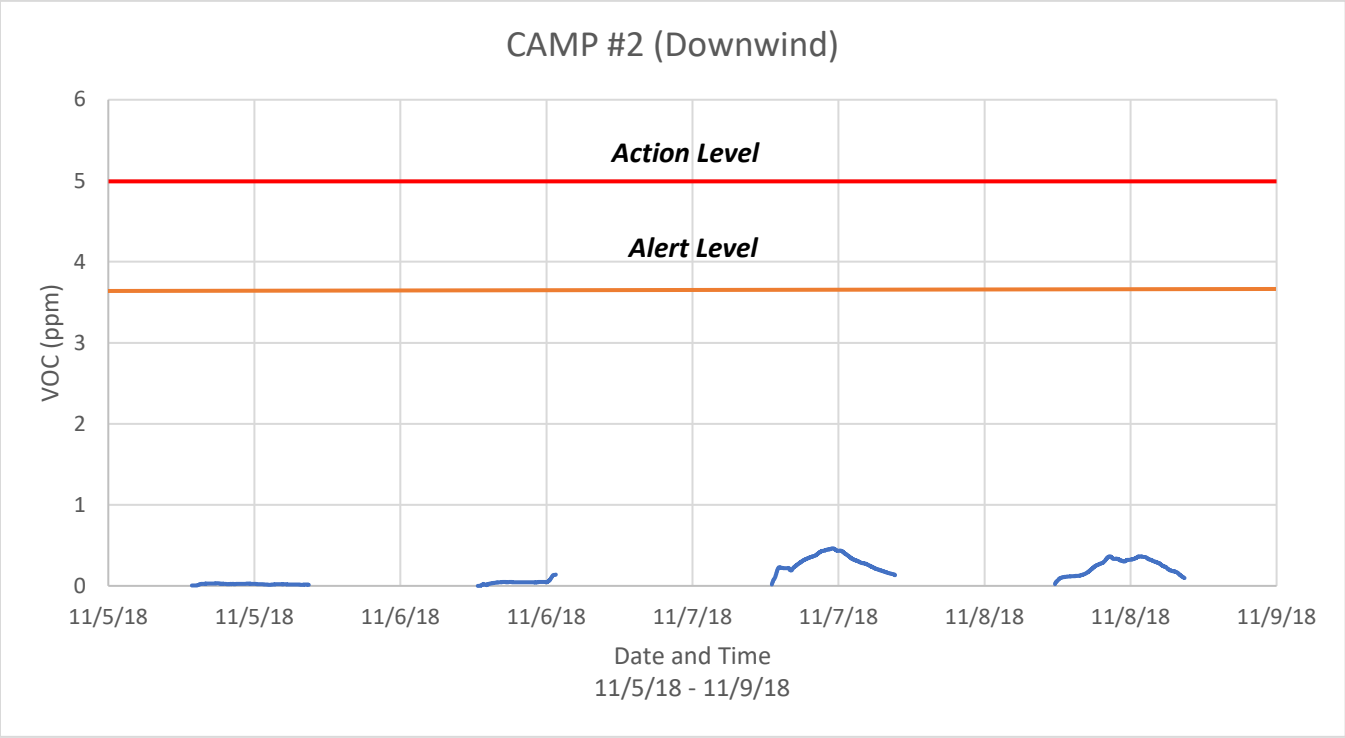
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



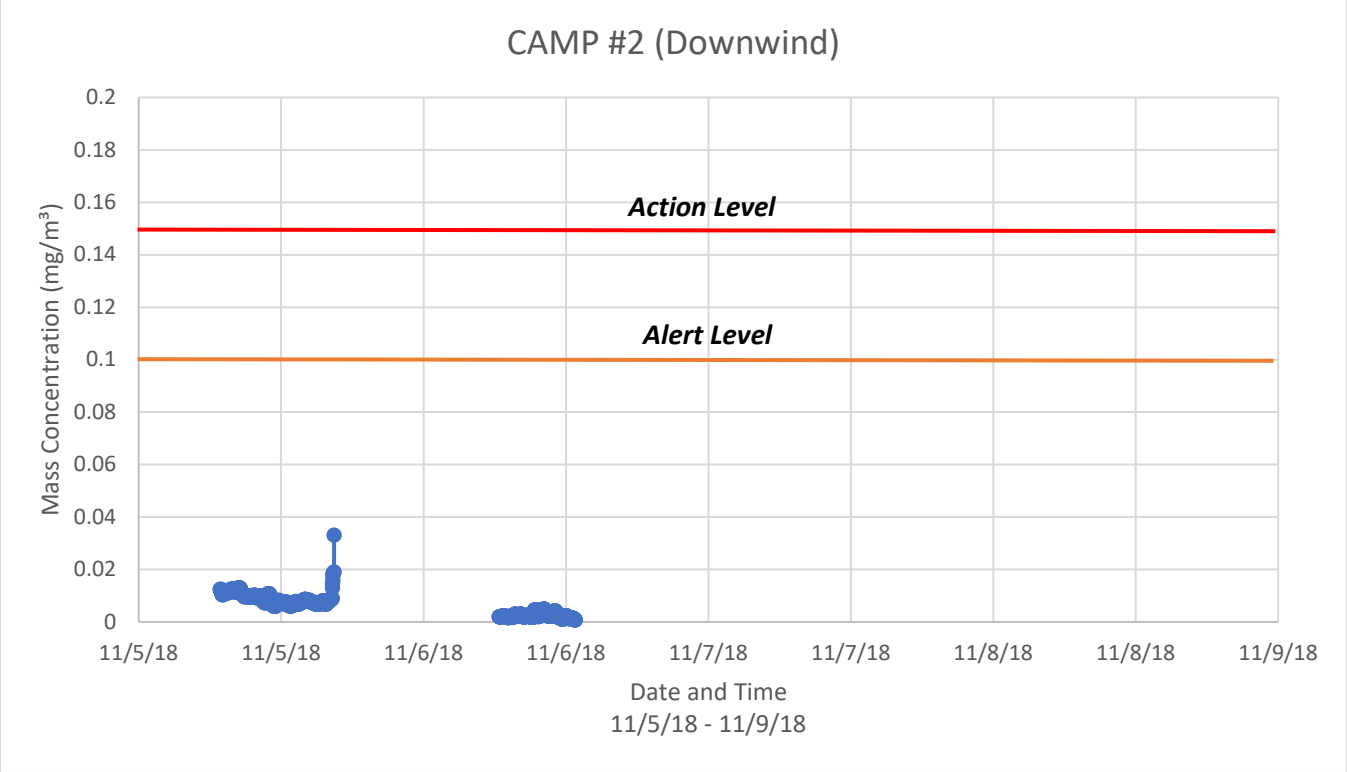
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



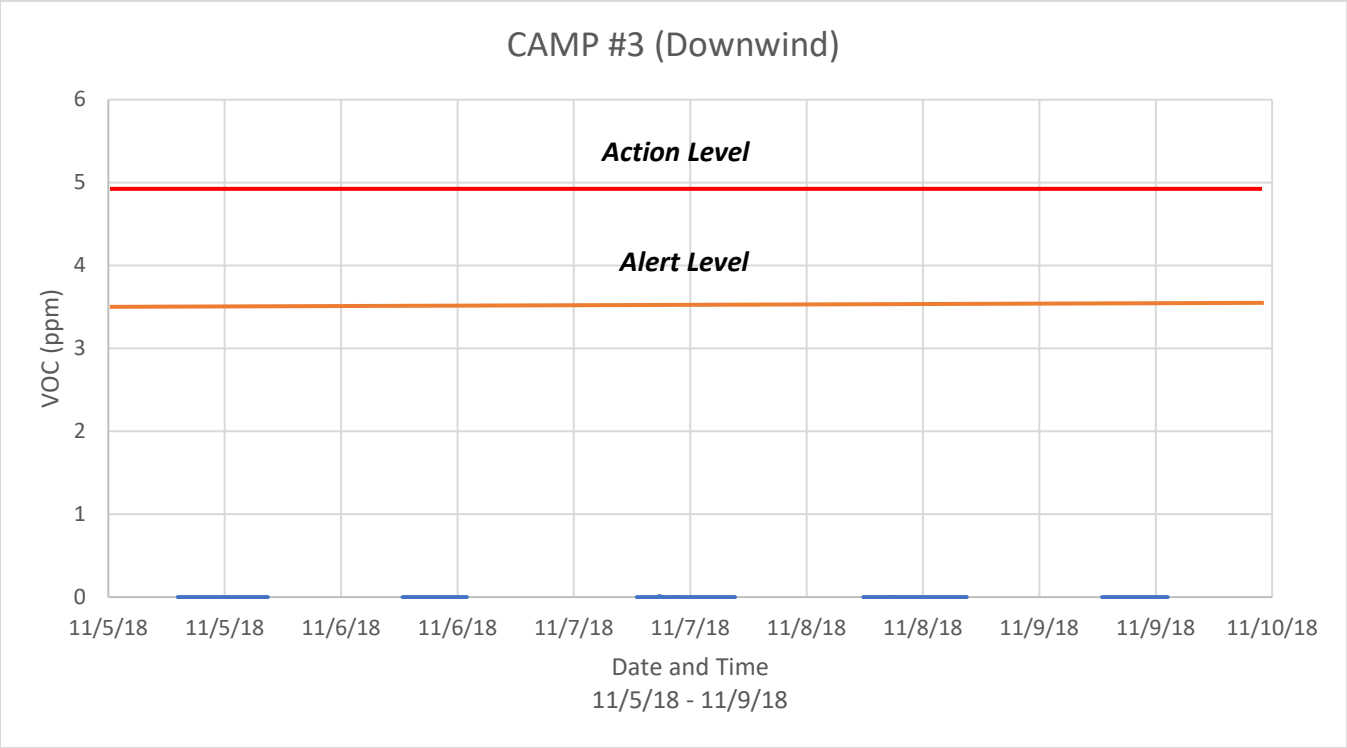
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



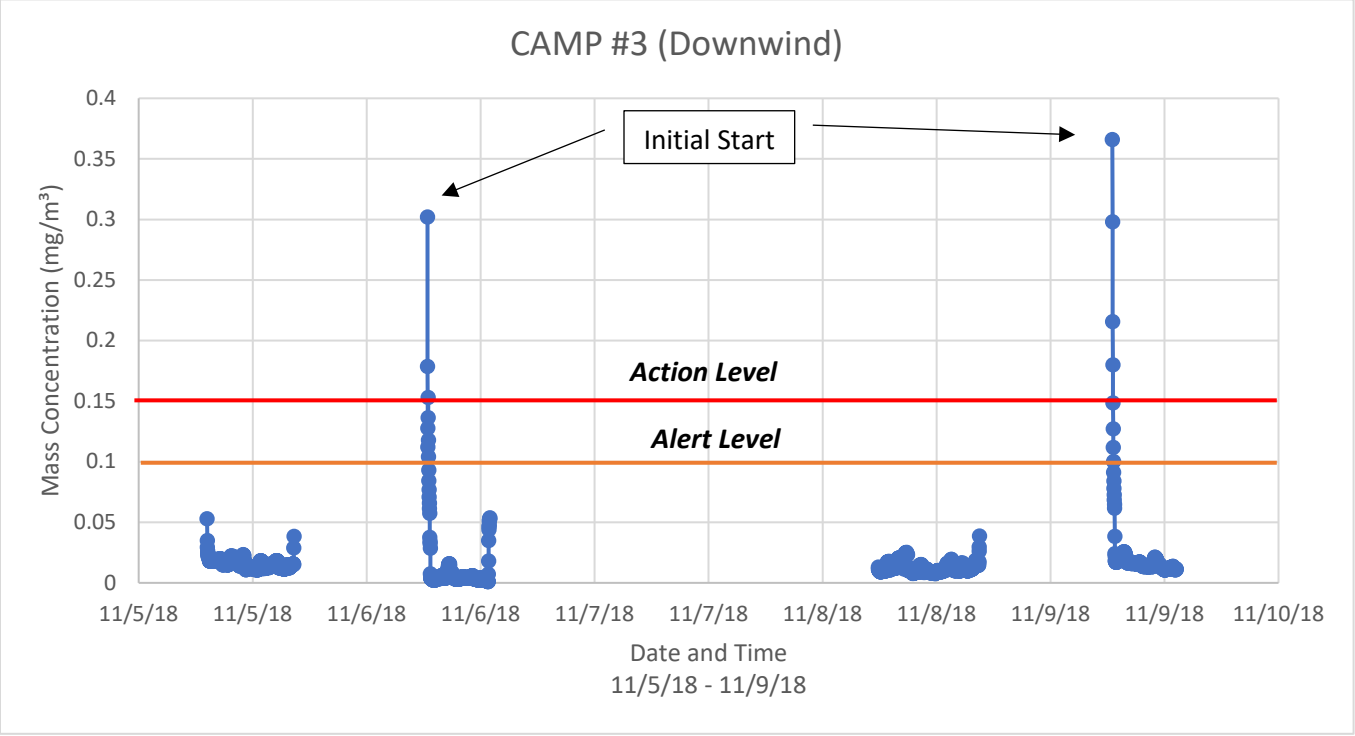
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Backfill Operations Air Monitoring Weekly Summary

Central Hudson Gas & Electric Corporation

Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m³)	Notes:
Monday	***5-Nov***	8:00	0.004	
		12:45	0.002	
		14:00	0.001	
Tuesday	***6-Nov***	8:20	0.005	
		11:00	0.002	
		15:10	0.002	
Wednesday	***7-Nov***	7:50	0.004	
		10:20	0.008	
		15:35	0.003	
Thursday	***8-Nov***	7:55	0.003	
		11:20	0.005	
		14:50	0.002	
Friday	***9-Nov***	8:15	0.006	
		11:45	0.002	
		15:25	0.001	
Saturday	***10-Nov***	--	NM	
		--	NM	
		--	NM	
Sunday	***11-Nov***	--	NM	
		--	NM	
		--	NM	

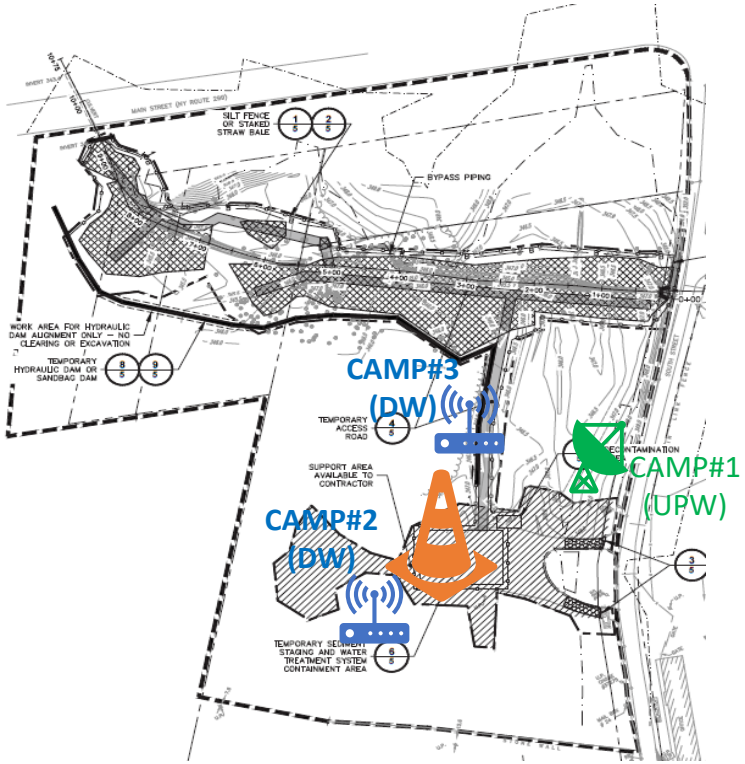
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

*NM – Not Measured

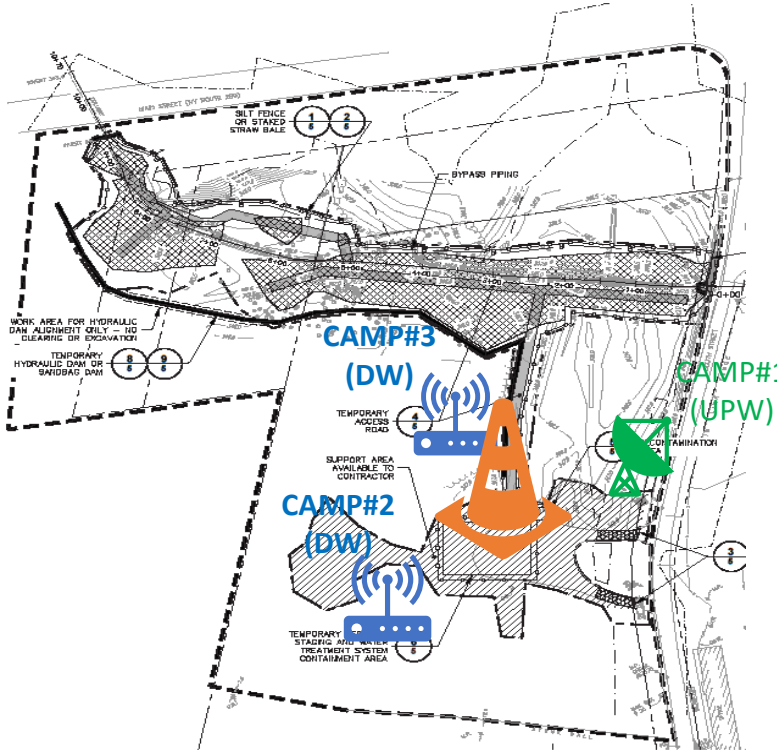
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

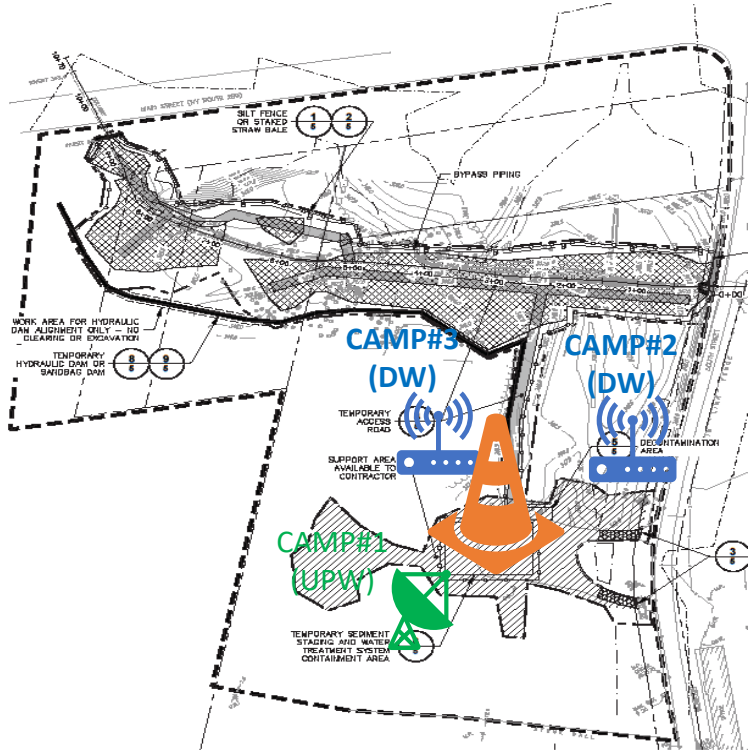
11/5/2018



11/6/2018

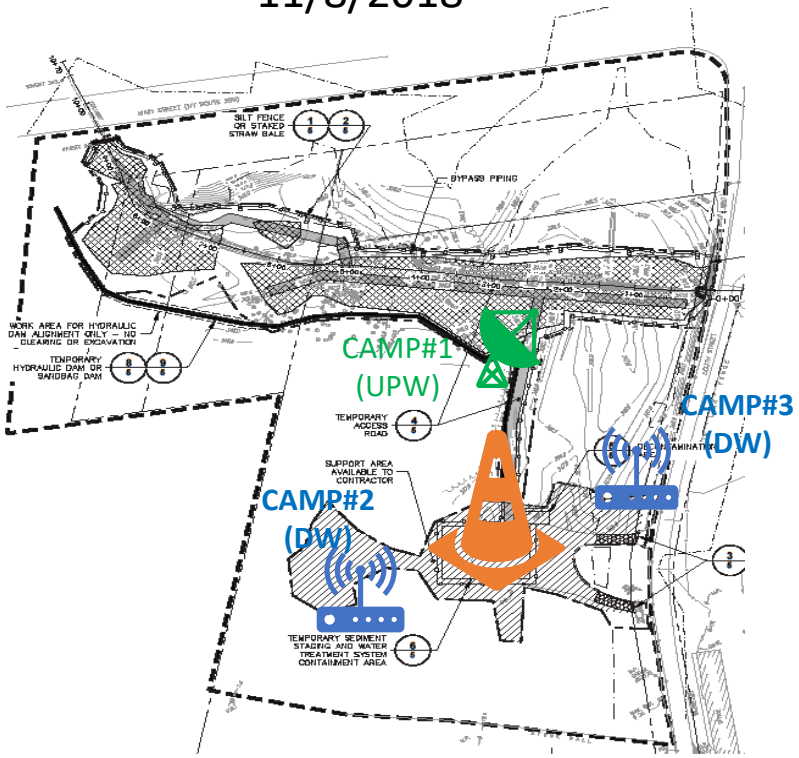


11/7/2018

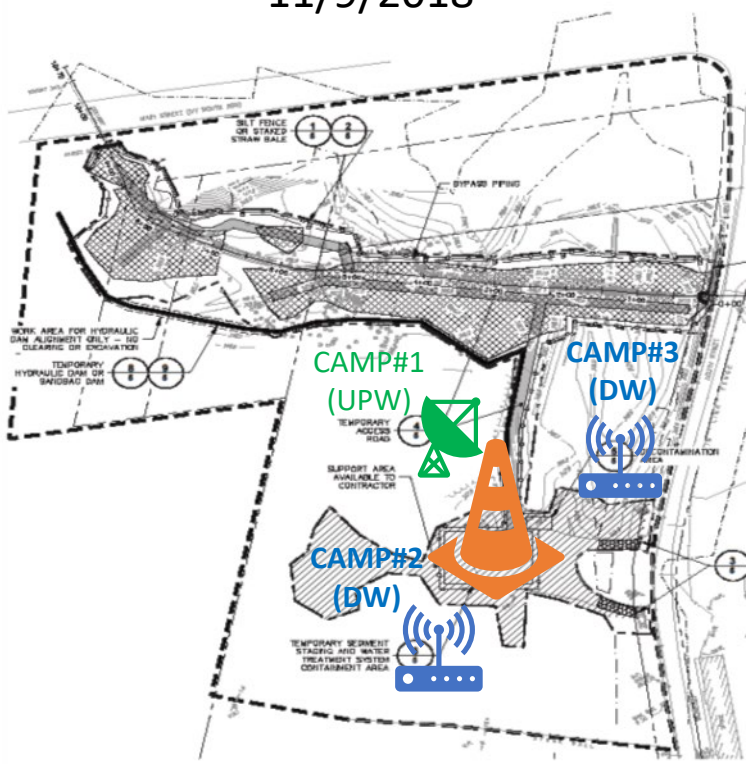


CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

11/8/2018



11/9/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **11-12-2018 to 11-18-2018.** There were roughly three (3) days of loading out impacted soils that required CAMP datalogging.

A few exceedances of the 15-minute average concentrations were recorded on the Dust collecting equipment at upwind and downwind monitoring locations. Air monitoring data was collected via three (3) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry.

It is presumed that the initial startup was the reason for exceedance as after calibration, the equipment was running properly with no alert or action item needing to be taken.

Post decontamination operations and shifting to backfill, air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. We even measured backfill readings during decon as a precaution. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***12-Nov***	1 – 3	WSW – S	24 – 46	79 – 39	0.02
Tuesday	***13-Nov***	3 – 4	NNW – WNW	37 – 41	100 – 81	0.91*
Wednesday	***14-Nov***	9 – 12	W – NNW	43 – 32	43 – 39	0.00
Thursday	***15-Nov***	1 – 3	NNW – NW	25 – 29	67 – 62	0.00
Friday	***16-Nov***	2 – 3	NW – W	33 – 37	95 – 80	0.25*
Saturday	***17-Nov***	8 – 10	SW – W	39 – 43	69 – 52	0.00
Sunday	***18-Nov***	1 – 3	ESE – E	30 – 37	84 – 60	0.00

*Rain precipitation accumulation reading, only.
Note: The site received roughly 10" of medium-heavy snow from very late Monday night until late Tuesday morning. The rest of the week, minimal snow accumulation occurred.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***12-Nov***	Backfill operations, imported backfill, loaded out impacted material, and dewatered excavation cells.
Tuesday	***13-Nov***	No backfill operations, only dewatered cells and cleaned matts.
Wednesday	***14-Nov***	Backfill operations, and dewatered excavation cells.
Thursday	***15-Nov***	Backfill operations, washed matts, and dewatered excavation cells.
Friday	***16-Nov***	No backfill operations, snow removal, only dewatered excavation cells.
Saturday	***17-Nov***	Dewatered excavation cells.
Sunday	***18-Nov***	Dewatered excavation cells.

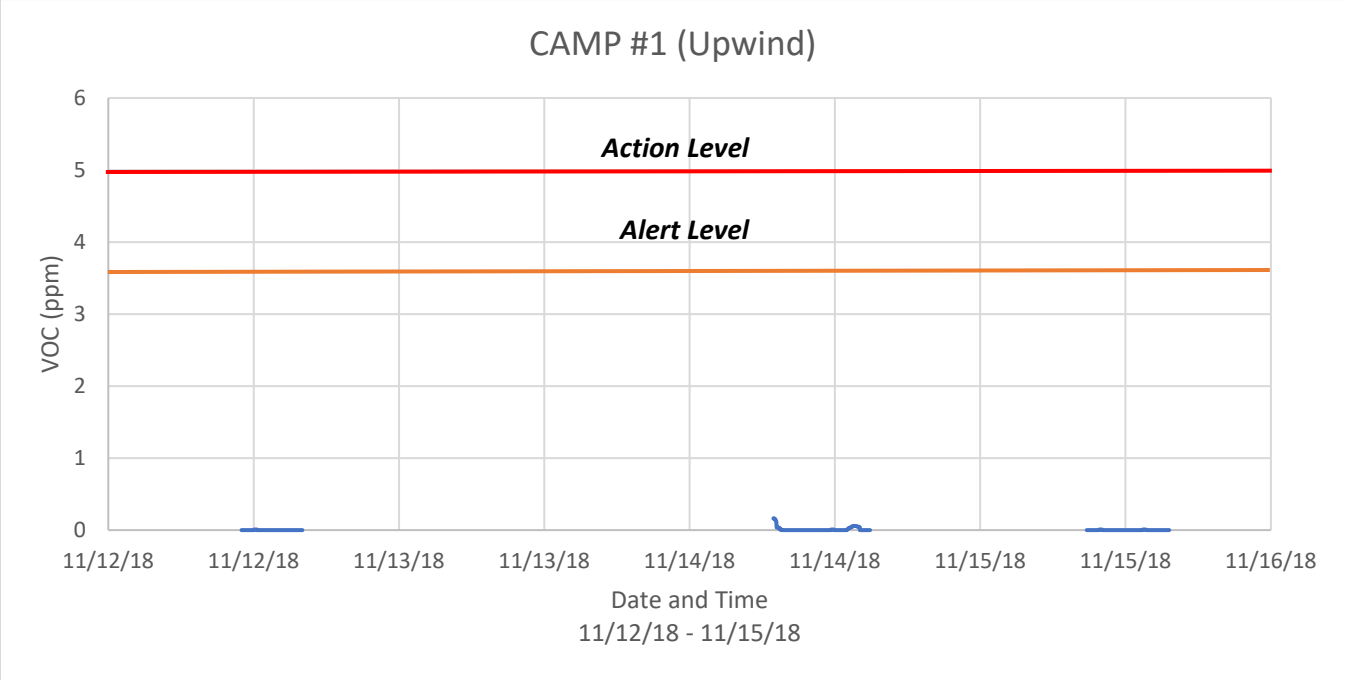
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***12-Nov***	Datalogging.	Datalogging.	Datalogging.	Initial CAMP #1 startup with calibration exceedance.	None Taken due to calibration sequence.
Tuesday	***13-Nov***	NR	NR	NR	N/A	N/A
Wednesday	***14-Nov***	Datalogging.	Datalogging.	Datalogging.	Initial CAMP #1 & #3 startup with calibration exceedance.	None Taken due to calibration sequence.
Thursday	***15-Nov***	Datalogging	Datalogging.	Datalogging.	Initial CAMP #1 startup with calibration exceedance.	None Taken due to calibration sequence.
Friday	***16-Nov***	NR	NR	NR	N/A	N/A
Saturday	***17-Nov***	NR	NR	NR	N/A	N/A
Sunday	***18-Nov***	NR	NR	NR	N/A	N/A

*N/A – Non-Applicable, *NR – No Recording

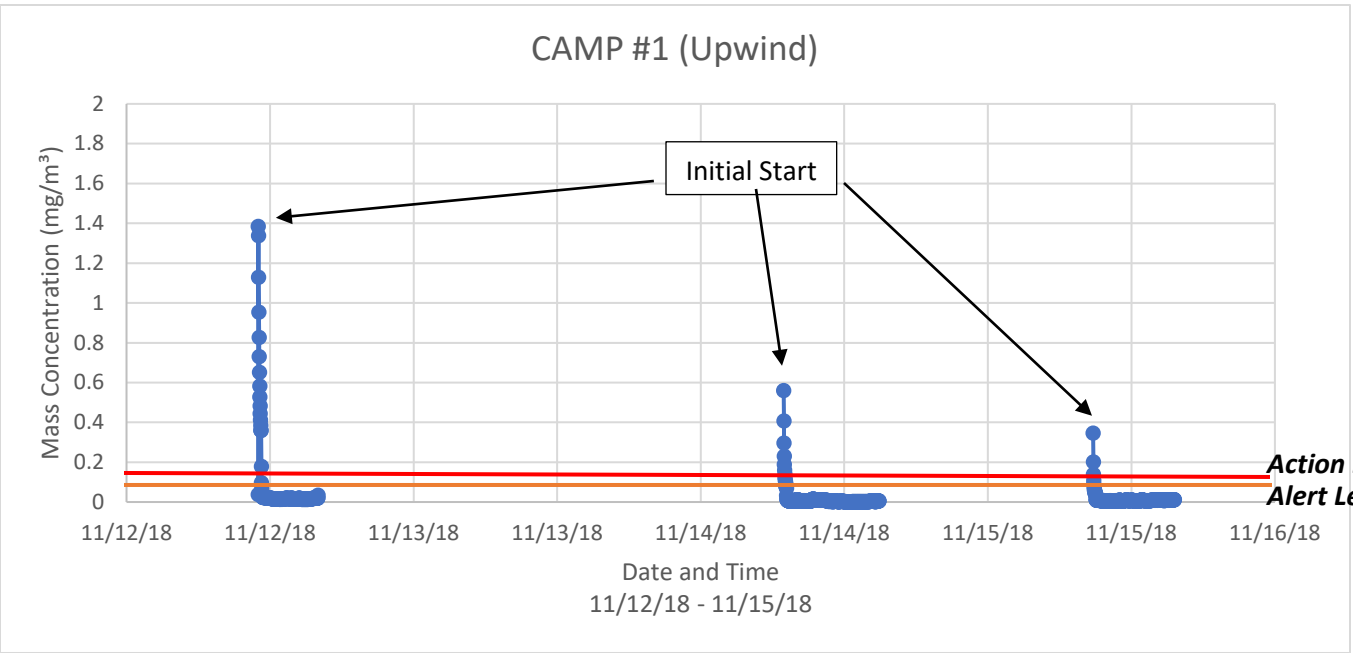
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



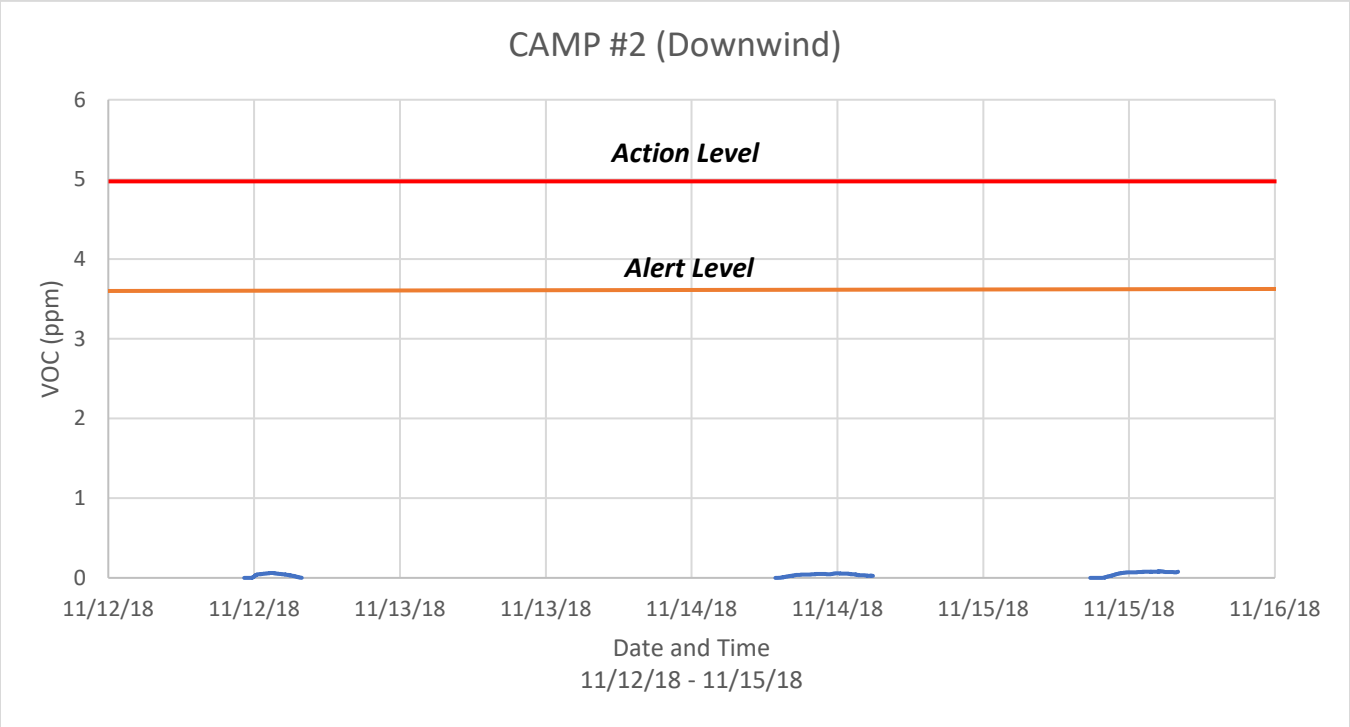
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



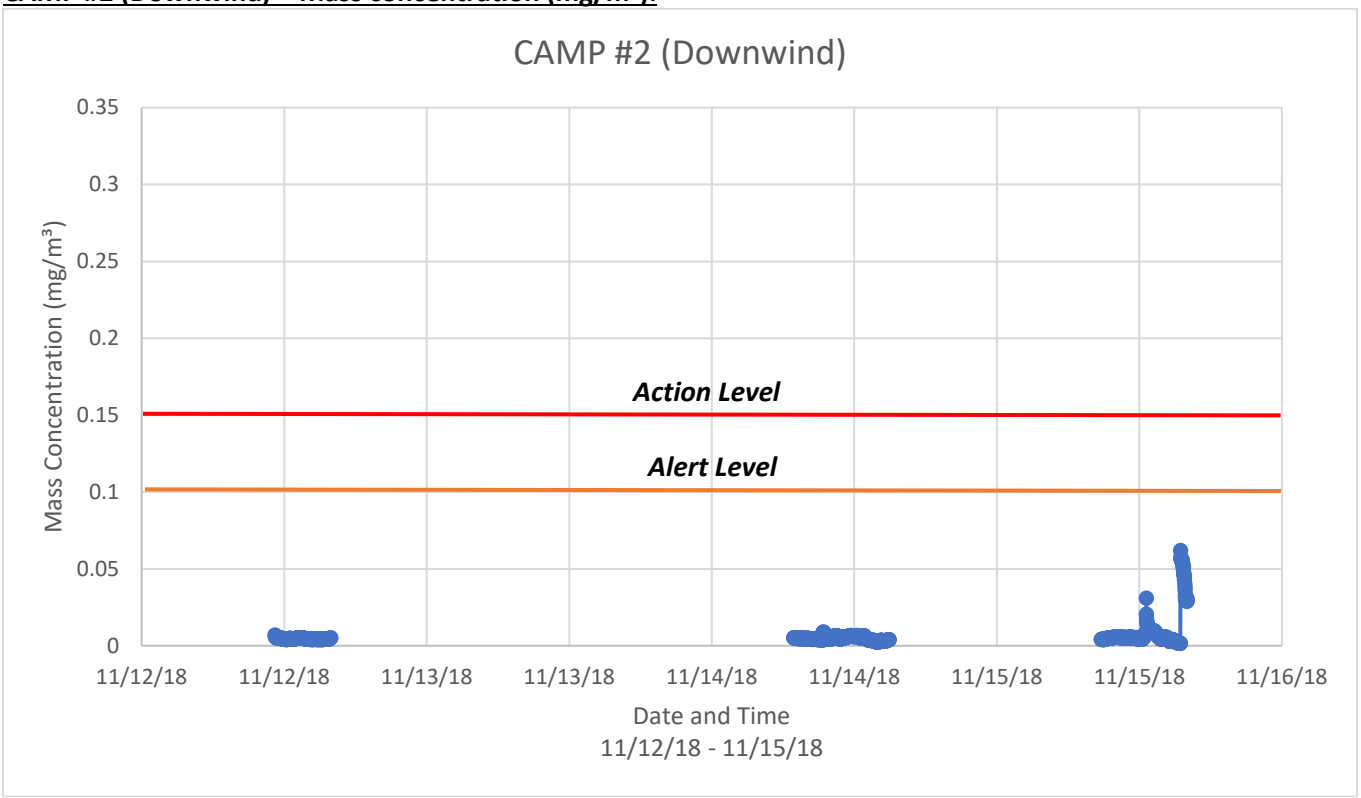
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #2 (Downwind) – VOC (ppm):



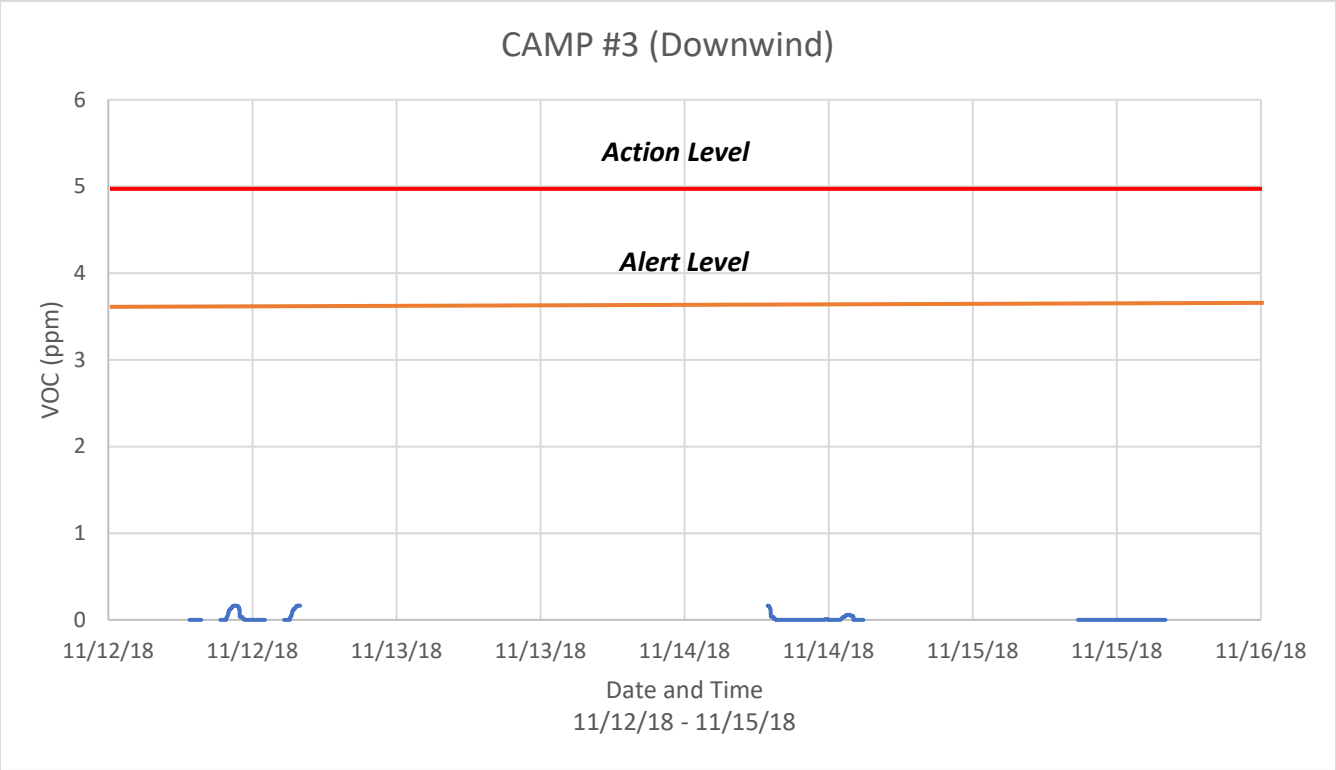
*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #2 (Downwind) – Mass concentration (mg/m³):



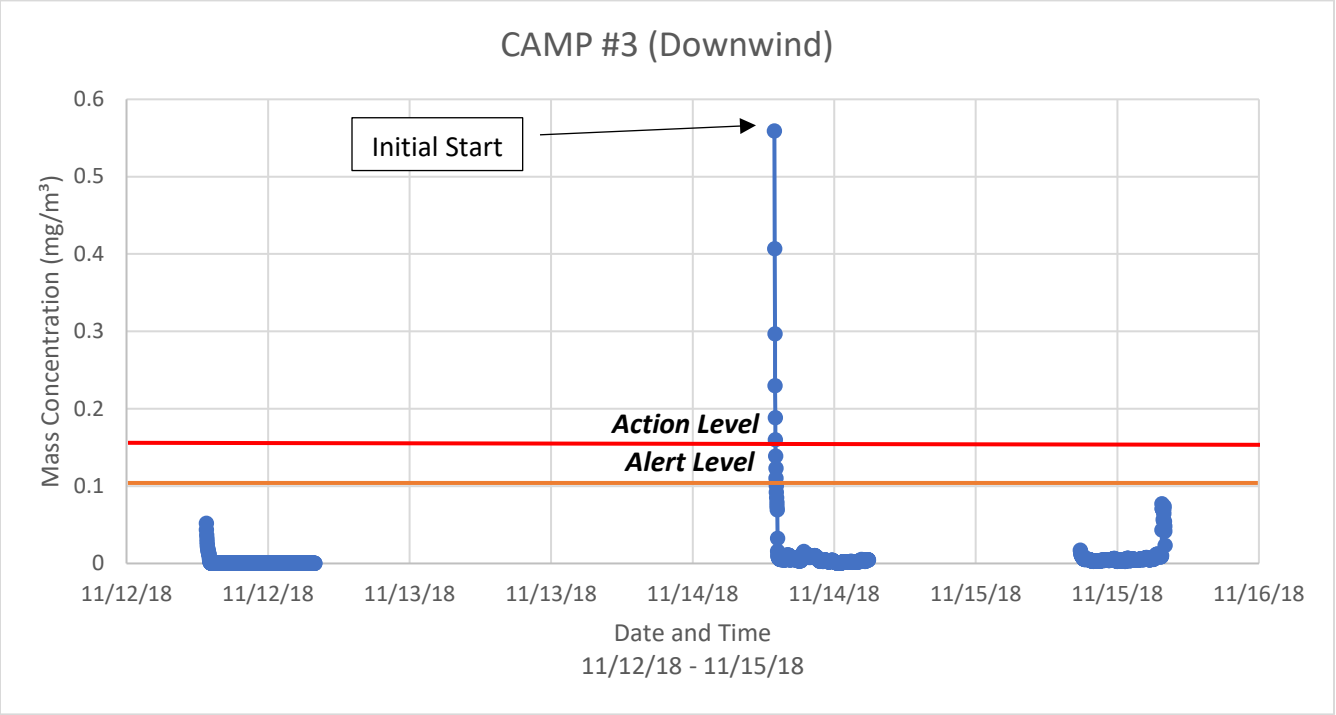
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Backfill Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m^3)	Notes:
Monday	***12-Nov***	7:30	0.001	
		11:40	0.003	
		14:00	0.002	
Tuesday	***13-Nov***	--	NM	Heavy Snow fall and afternoon drizzle.
		--	NM	
		--	NM	
Wednesday	***14-Nov***	8:05	0.001	
		11:45	0.005	
		16:00	0.005	
Thursday	***15-Nov***	7:55	0.003	
		10:20	0.002	
		13:50	0.001	
Friday	***16-Nov***	--	NM	
		--	NM	
		--	NM	
Saturday	***17-Nov***	--	NM	
		--	NM	
		--	NM	
Sunday	***18-Nov***	--	NM	
		--	NM	
		--	NM	

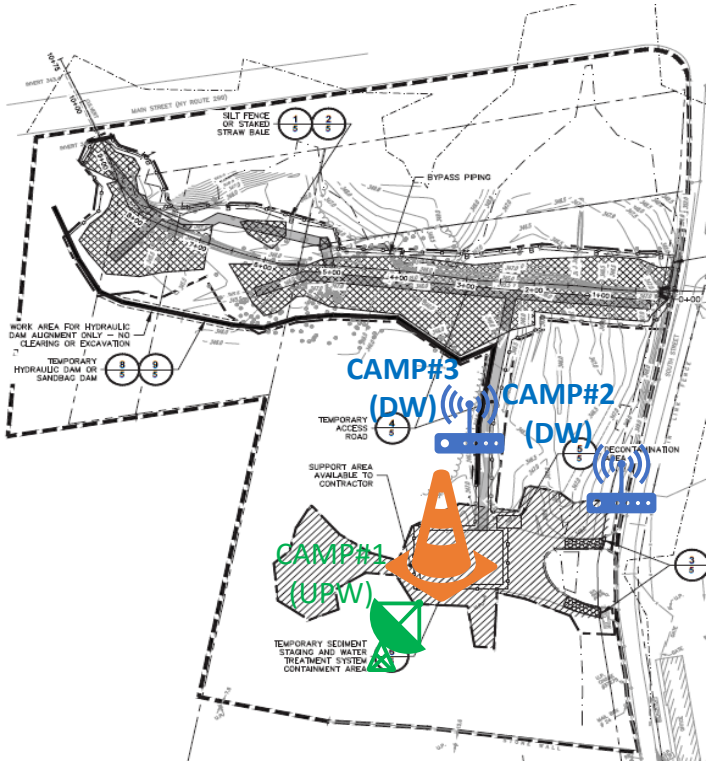
*Alert Level -> Δ> 0.10 mg/m^3, Action Level -> Δ> 0.15 mg/m^3

*NM – Not Measured

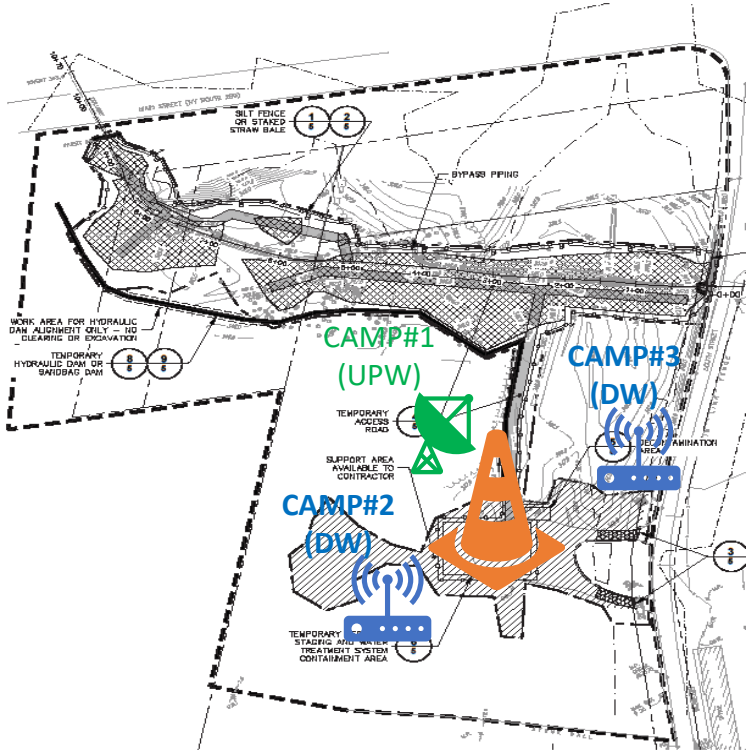
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

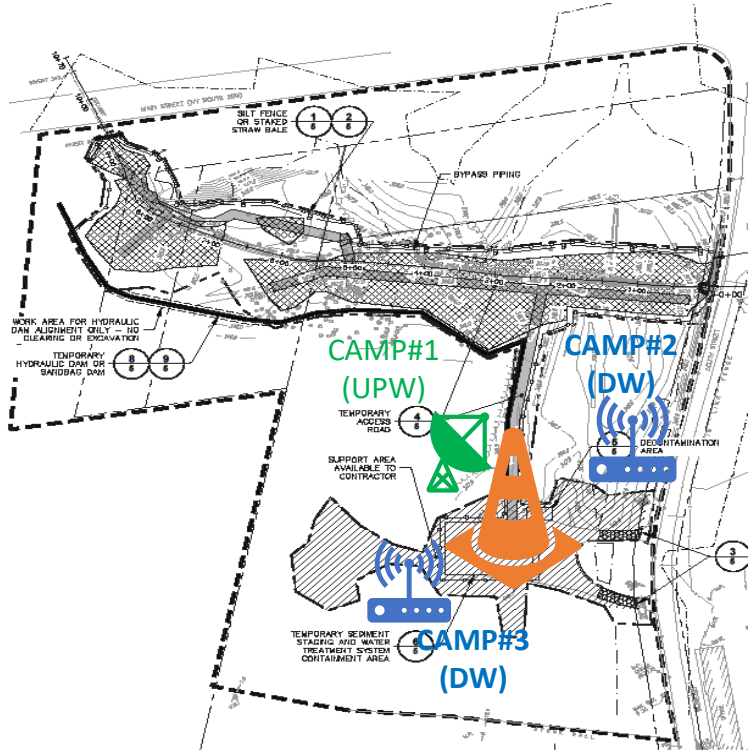
11/12/2018



11/14/2018



11/15/2018



Weekly Camp Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for community air monitoring data collected at the Elting's Corner Facility site on **11-19-2018 to 11-25-2018.** There were roughly two (2) days of loading out impacted soils that required CAMP datalogging.

Air monitoring data was collected via two (2) portable air quality monitoring stations located around the site perimeter of which two were placed downwind and one upwind each day. Each monitoring station was set up with the following equipment; RAE MiniRAE 3000 PID, TSI 8530 DustTrak II, and Netronix Thiamis 820/820G providing telemetry.

A few exceedances of the 15-minute average concentrations were recorded on the Dust collecting equipment at upwind and downwind monitoring locations. It is presumed that the initial startup was the reason for exceedance as after calibration, the equipment was running properly with no alert or action item needing to be taken.

Post decontamination operations and shifting to backfill, air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. We even measured backfill readings during spraying and cleaning as a precaution. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity.

With impacted material and deconning of tools and equipment being complete, future work zone air-monitoring will be conducted if it is assumed there will be dust-generating work each day. This will be done via one (1) portable air quality monitoring taking dust/particulate machine.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***19-Nov***	1 – 1	N – NW	34 – 38	95 – 94	0.15*
Tuesday	***20-Nov***	6 – 4	NNW – WNW	34 – 41	96 – 81	0.02*
Wednesday	***21-Nov***	9 – 12	W – NNW	43 – 32	43 – 39	0.00
Thursday	***22-Nov***	7 – 12	WNW – N	15 – 21	47 – 34	0.00
Friday	***23-Nov***	3 – 3	N – SSE	7 – 28	77 – 23	0.00
Saturday	***24-Nov***	3 – 3	E – NNW	23 – 37	67 – 60	0.33*
Sunday	***25-Nov***	3 – 3	NNW – E	37 – 42	93 – 81	0.23*

*Rain precipitation accumulation reading, only.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***19-Nov***	Backfill operations, imported backfill, loaded out impacted material, and dewatered excavation cells.
Tuesday	***20-Nov***	Backfill operations, imported backfill, loaded out impacted material, and dewatered excavation cells.
Wednesday	***21-Nov***	Backfill operations, and dewatered excavation cells.
Thursday	***22-Nov***	No Work.
Friday	***23-Nov***	Site walk, filling pumps but no work with machines and equipment.
Saturday	***24-Nov***	No Work.
Sunday	***25-Nov***	Site walk, filling pumps but no work with machines and equipment.

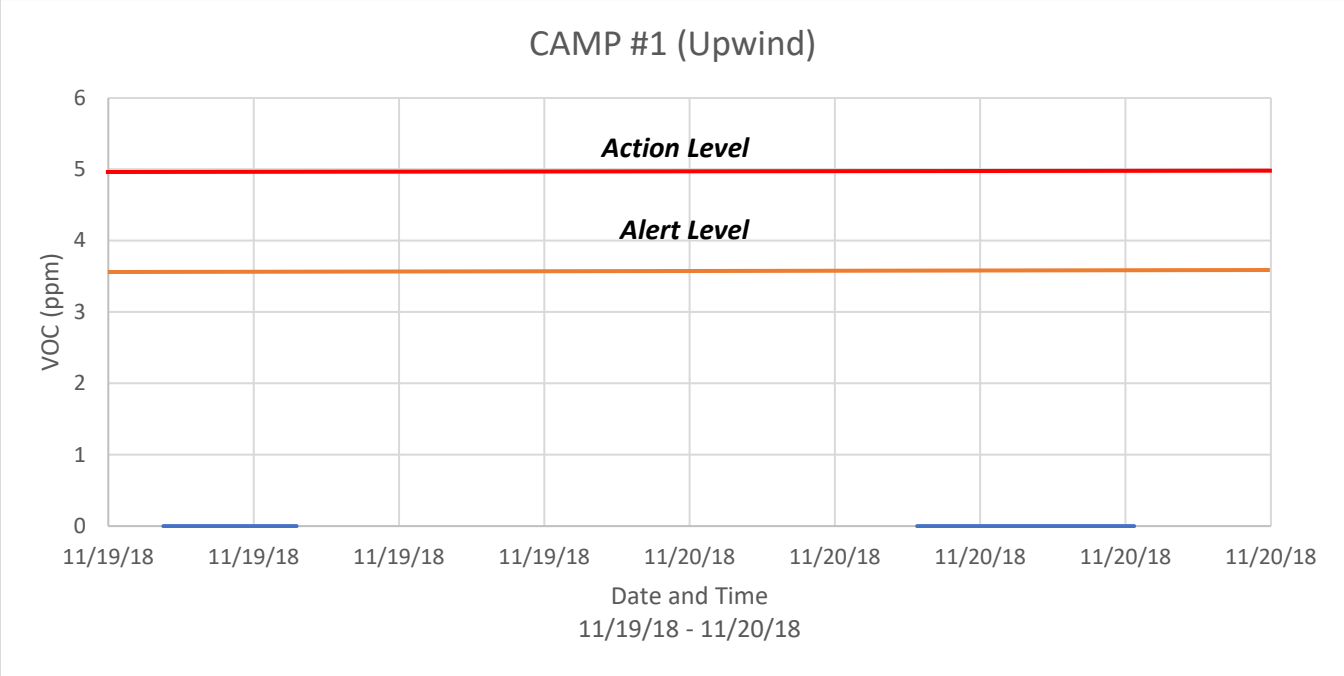
Alert and Action Levels
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	CAMP #1	CAMP #2	CAMP #3	Alert Cause	Actions Taken
Monday	***19-Nov***	Datalogging.	Inoperable.	Datalogging.	Initial CAMP #1 & #3 startup with calibration exceedance.	None Taken due to calibration sequence.
Tuesday	***20-Nov***	Datalogging.	Inoperable.	Datalogging.	Initial CAMP #3 startup with calibration exceedance.	None Taken due to calibration sequence.
Wednesday	***21-Nov***	NR	NR	NR	N/A	N/A
Thursday	***22-Nov***	NR	NR	NR	N/A	N/A
Friday	***23-Nov***	NR	NR	NR	N/A	N/A
Saturday	***24-Nov***	NR	NR	NR	N/A	N/A
Sunday	***25-Nov***	NR	NR	NR	N/A	N/A

*N/A – Non-Applicable, *NR – No Recording

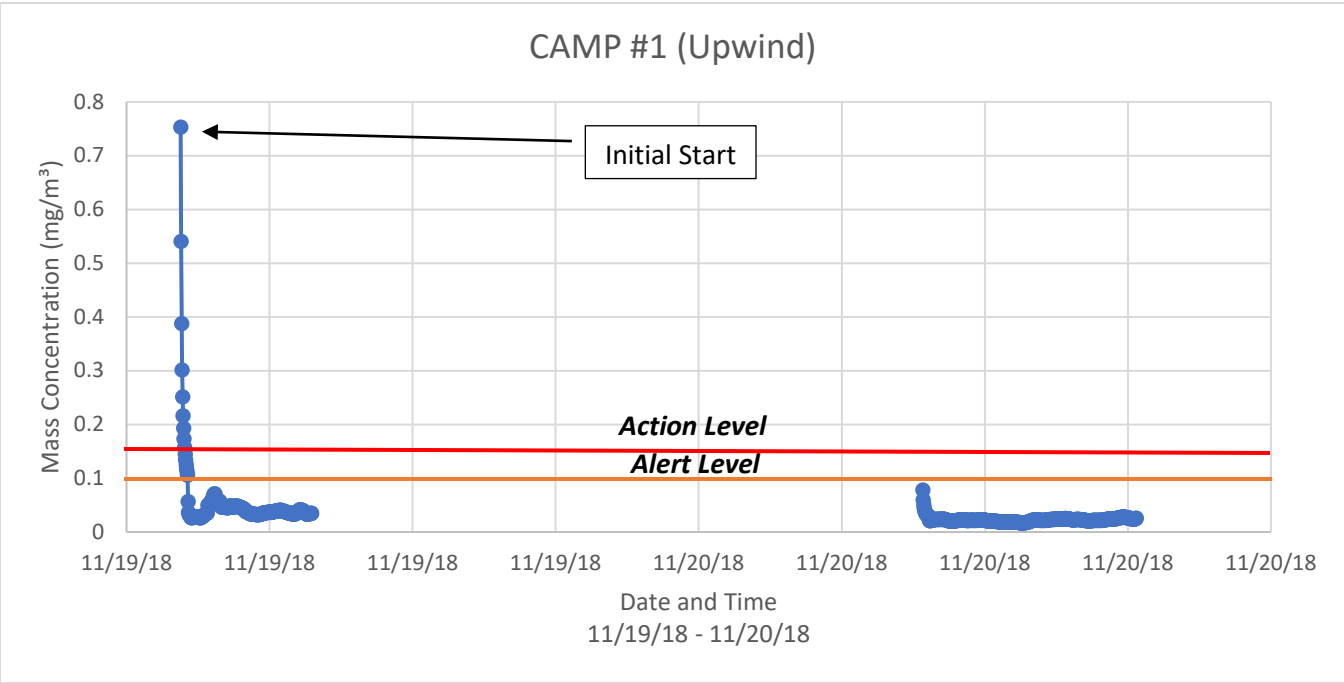
Community Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

CAMP #1 (Upwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #1 (Upwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

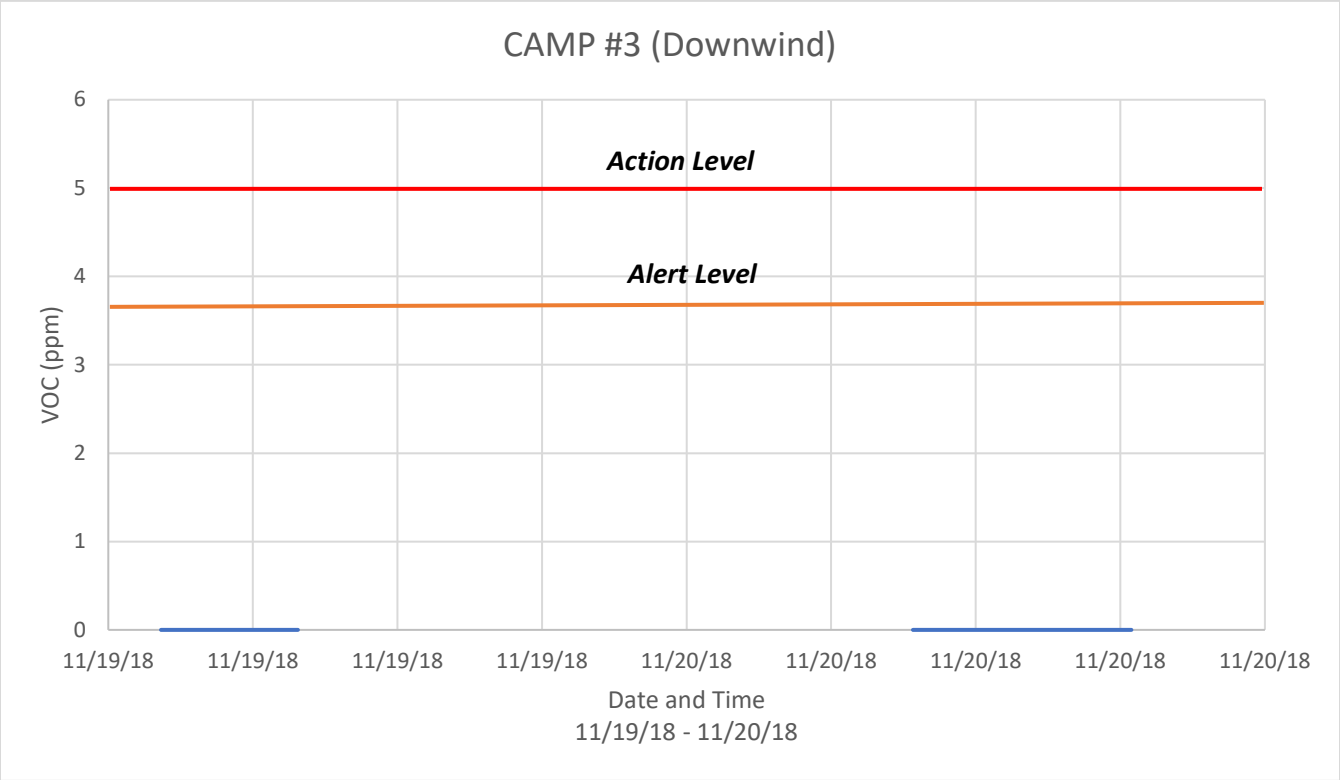
CAMP #2 (Downwind) – VOC (ppm):

System malfunction. Third party was notified but due to limited work this week, would not be able to replace in time. Decided to perform work with one upwind and one downwind.

CAMP #2 (Downwind) – Mass concentration (mg/m³):

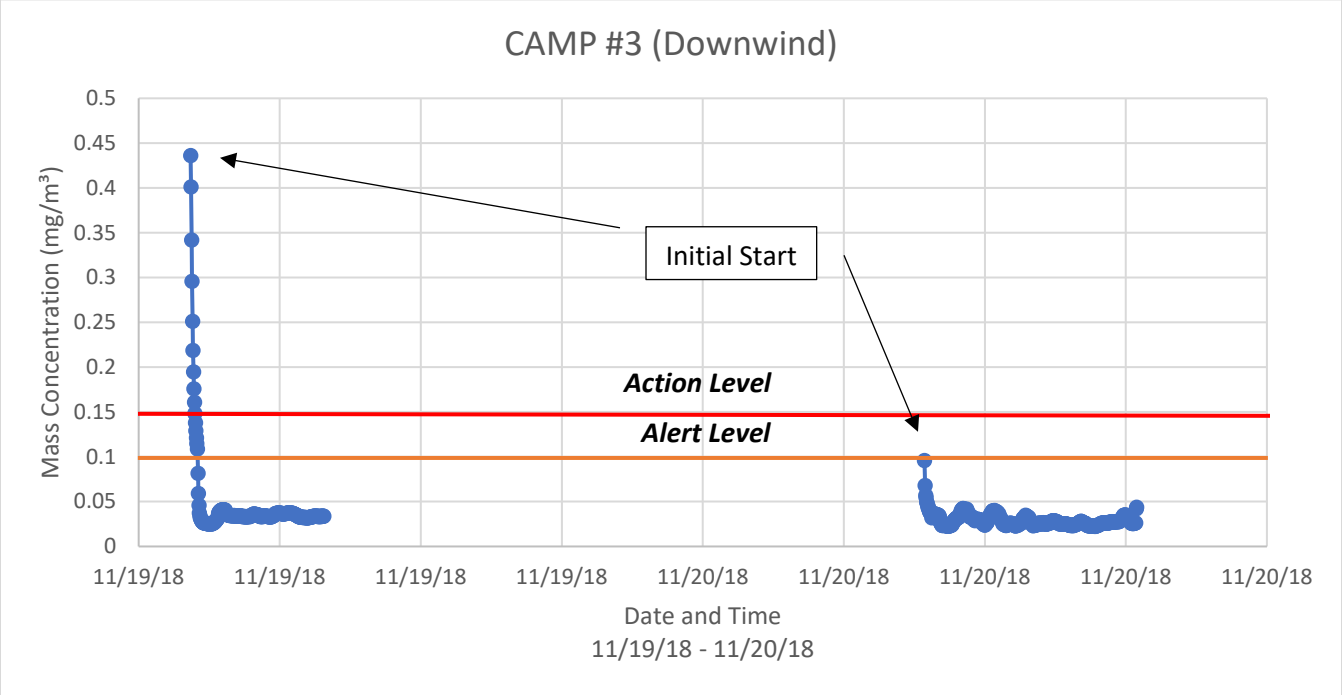
System malfunction. Third party was notified but due to limited work this week, would not be able to replace in time. Decided to perform work with one upwind and one downwind.

CAMP #3 (Downwind) – VOC (ppm):



*Alert Level -> Δ=3.7ppm, Action Level -> Δ=5.0ppm

CAMP #3 (Downwind) – Mass concentration (mg/m³):



*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

Backfill Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m³)	Notes:
Monday	***19-Nov***	8:30	0.001	
		11:40	0.006	
		13:00	0.002	
Tuesday	***20-Nov***	8:05	0.006	
		11:45	0.005	
		15:00	0.005	
Wednesday	***21-Nov***	7:55	0.002	
		10:20	0.002	
		13:05	0.001	
Thursday	***22-Nov***	--	NM	
		--	NM	
		--	NM	
Friday	***23-Nov***	--	NM	
		--	NM	
		--	NM	
Saturday	***24-Nov***	--	NM	
		--	NM	
		--	NM	
Sunday	***25-Nov***	--	NM	
		--	NM	
		--	NM	

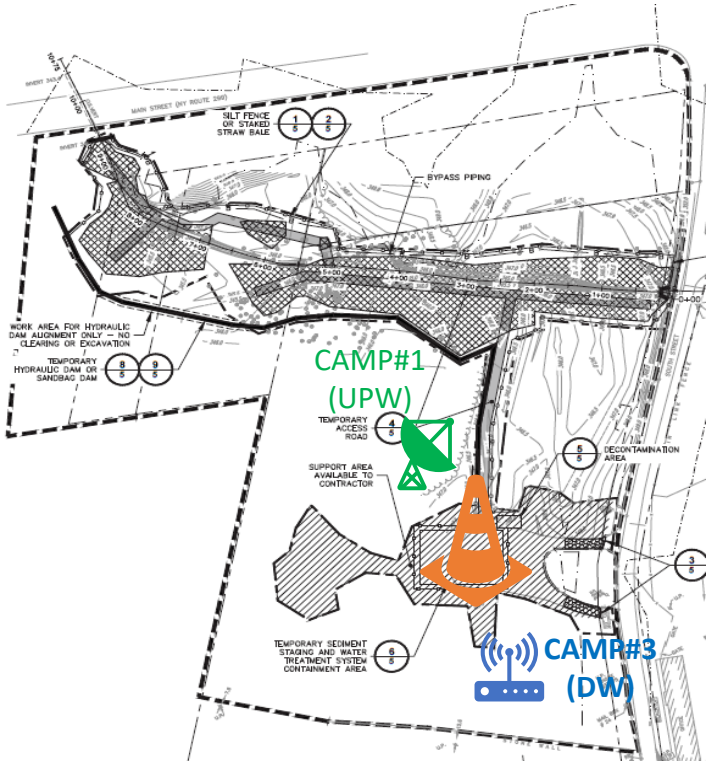
*Alert Level -> Δ> 0.10 mg/m³, Action Level -> Δ> 0.15 mg/m³

*NM – Not Measured

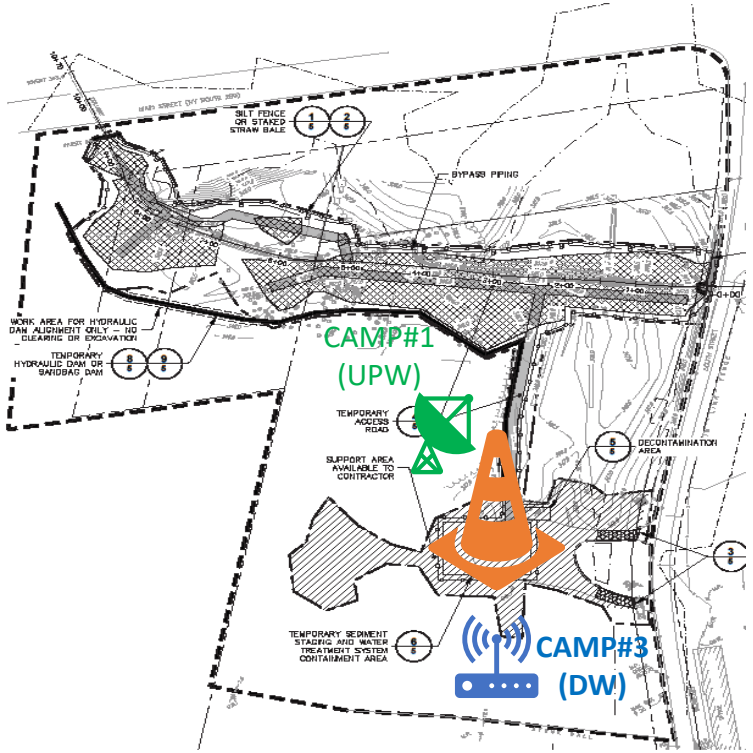
-- Monitoring Locations to Follow --

CAMP Monitoring Locations
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

11/19/2018



11/20/2018



Weekly Operations Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for work zone air monitoring data collected at the Elting's Corner Facility site on **11-26-2018 to 12-02-2018.** There were three (3) days of backfill work. The site was also importing backfill and dewatering excavation areas.

No exceedances of the instantaneous readings were noted.

Air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. The on-site Davis Vantage Pro2 Plus weather station provided meteorological data, which consisted of wind direction and wind speed, temperature, and relative humidity. Future air monitoring reports requiring weather data will be provided by the WeatherBug application instead of the onsite Davis Vantage Pro2 Plus weather station.

With impacted material and deconning of tools and equipment being complete, work zone air-monitoring will be conducted if it is assumed there will be dust-generating work each day. This will be done via with the one (1) portable air quality monitoring taking dust/particulate machine.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***26-Nov***	1 – 6	WNW – N	33 – 46	96 – 92	0.28*
Tuesday	***27-Nov***	1 – 10	N – NW	37 – 39	96 – 60	0.17*
Wednesday	***28-Nov***	12 – 2	WSW – ENE	35 – 62	59 – 48	0.00
Thursday	***29-Nov***	5 – 11	WSW –NNW	37 – 43	65 – 48	0.00
Friday	***30-Nov***	1 – 9	N – N	30 – 64	86 – 88	0.00
Saturday	***1-Dec***	1 – 3	E – ENE	28 – 39	92 – 69	0.10*
Sunday	***2-Dec***	4 – 3	NNW – WNW	39 – 44	100 –93	0.46*

*Rain precipitation accumulation reading, only.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***26-Nov***	Backfill operations, and dewatered excavation cells.
Tuesday	***27-Nov***	Backfill operations, imported backfill, and site restoration.
Wednesday	***28-Nov***	Backfill operations, imported backfill, and site restoration.
Thursday	***29-Nov***	Site Restoration.
Friday	***30-Nov***	Site Restoration.
Saturday	***1-Dec***	No sitework.
Sunday	***2-Dec***	No sitework.

Backfill Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m^3)	Notes:
Monday	***26-Nov***	7:40	0.003	
		11:35	0.005	
		15:20	0.004	
Tuesday	***27-Nov***	8:10	0.002	
		12:30	0.002	
		14:05	0.007	
Wednesday	***28-Nov***	7:50	0.005	
		12:35	0.006	
		14:20	0.003	
Thursday	***29-Nov***	8:00	0.001	
		11:55	0.003	
		15:00	0.005	
Friday	***30-Nov***	7:05	0.002	
		12:35	0.002	
		--	NM	
Saturday	***1-Dec***	--	NM	
		--	NM	
		--	NM	
Sunday	***2-Dec***	--	NM	
		--	NM	
		--	NM	

*Alert Level -> Δ> 0.10 mg/m^3, Action Level -> Δ> 0.15 mg/m^3

**NM – Not Measured

Weekly Operations Report
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Abscope Environmental, Inc. is presenting a summary for work zone air monitoring data collected at the Elting's Corner Facility site on **12-03-2018 to 12-07-2018.** There were four (4) days of dust generating work. This will be the final report as crews demobilized from the site on December 6th and no further activities requiring air monitoring are being conducted.

No exceedances of the instantaneous readings were noted.

Air monitoring data was collected via one (1) portable air quality monitoring taking dust/particulate readings downwind from backfill operations, multiple times a day. The air monitoring reports requiring weather data will be provided by the WeatherBug application instead of the onsite Davis Vantage Pro2 Plus weather station.

Weekly Site Weather Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Wind Speed (mph)	Wind Direction	Temperature (°F)	Humidity (%)	Precipitation (inches)
Monday	***3-Dec***	5 – 11	S – W	48 – 48	87 – 57	0.00
Tuesday	***4-Dec***	6 – 9	NW – N	35 – 33	59 – 44	0.00
Wednesday	***5-Dec***	3 – 2	S – ENE	17 – 62	59 – 48	0.00
Thursday	***6-Dec***	7 – 11	SSW –NNW	27 – 43	68 – 48	0.00
Friday	***7-Dec***	4 – 10	NW – W	30 – 35	54 – 41	0.00

*Rain precipitation accumulation reading, only.

Remedial Site Construction Activities Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Remedial Activities Summary
Monday	***3-Dec***	Site restoration processes.
Tuesday	***4-Dec***	Site restoration processes.
Wednesday	***5-Dec***	Site restoration processes.
Thursday	***6-Dec***	Site restoration processes.
Friday	***7-Dec***	No site work.

Backfill Operations Air Monitoring Weekly Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Facility– Lloyd, NY

Day	Date (2018)	Time (Hr)	Mass Concentration (mg/m^3)	Notes:
Monday	***3-Dec***	8:30	0.006	
		12:05	0.007	
		15:00	0.006	
Tuesday	***4-Dec***	7:20	0.004	
		12:45	0.004	
		15:25	0.003	
Wednesday	***5-Dec***	7:20	0.002	
		13:35	0.002	
		15:45	0.003	
Thursday	***6-Dec***	7:30	0.001	
		11:15	0.003	
		--	NM	
Friday	***7-Dec***	--	NM	
		--	NM	
		--	NM	

*Alert Level -> Δ> 0.10 mg/m^3, Action Level -> Δ> 0.15 mg/m^3

**NM – Not Measured

APPENDIX E

SWPPP Inspections

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 6/19/18 800 AM

Inspector (Name, Title, and Affiliation): James Williamson, Scientist (Arcadis)

Weather Conditions: Sunny H 82°F L 59°F

Soil Conditions (e.g., dry, wet, saturated): Dry in most areas, wet/saturated in low lying areas in and around the stream & swamp areas.

Description of Disturbed Areas at Time of Inspection: Vegetation in the NW corner of the site was cleared yesterday on both sides of the stream. Also, areas near the bypass pump was disturbed during Godwin's testing and other activities

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: N/A - First inspection for the site

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: N/A

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ]	[ ]	[X]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[ ]	[ ]	[X]	Excavation area water is being pumped to the water treatment system.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Since we are in preliminary stages of work activities, intrusive work has not started yet. Therefore, many of the practices spelled out in this SWPPP are un-applicable at this time. No corrective actions are needed at this time.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: _____ Date: 6/18/18

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 6/26/18 710 AM

Inspector (Name, Title, and Affiliation): James Williamson, Environmental Scientist 2, Arcadis

Weather Conditions: Sunny, High 78°F, Low 58°F

Soil Conditions (e.g., dry, wet, saturated): Soil in the low lying area is saturated and wet. Other areas are dry above the Lower areas.

Description of Disturbed Areas at Time of Inspection: Disturbed areas near the 299 culvert are in acceptable condition. All other areas appear to be acceptable as well. No ~~areas with~~

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: The Mat road crossing & Eastern most section of the mat road were stabilized & are in better condition since last weeks inspection.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Sump basins w/ Sump pumps were placed in the embayment area & near the route 299 culvert to dewater mentioned previously. This maintenance activity will dewater impacted soils & limit cross contamination.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
			2. Excavation Dewatering & Construction Water Management:
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
			1. Stabilized Construction Entrance:
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
			2. Silt Fence/Straw Bale Dike:
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
			3. Oil Absorbent Booms
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: none

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: _____ Date: 6/26/18

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection:
07-12-18 1330

Inspector (Name, Title, and Affiliation):
Matthew Kroenung / Arcadis

Weather Conditions:
85° Sunny Low 62°

Soil Conditions (e.g., dry, wet, saturated):
The areas ~~surrounding~~ were dry due to lack of rain

Description of Disturbed Areas at Time of Inspection:
all areas had little to no water in them. No disturbances were recorded in any of the areas

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection:
all road crossings were Stabalized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection:
No extra maintenace activites were performed.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?

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[X] [ ] [ ] All disturbance is within the limits of the approved plans.

Housekeeping

Yes No NA

1. General Site Conditions:

[X] [ ] [ ] All soil disturbance is within the limits of the approved plans?

[X] [ ] [ ] Is construction site litter and debris appropriately managed?

[X] [ ] [ ] Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?

[ ] [X] [ ] Is construction impacting the adjacent property?

[X] [ ] [ ] Is dust adequately controlled?

2. Temporary Bypass System:

[X] [ ] [ ] Bypass piping is not leaking and is in adequate condition.

[X] [ ] [ ] Bypass pumps are stable and are not leaking; fittings are secure.

[ ] [ ] [X] Areas adjacent to hydraulic barriers are free of erosion or signs of instability.

[ ] [ ] [X] Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.

[X] [ ] [ ] Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes No NA

2. Excavation Dewatering & Construction Water Management:

[X] [ ] [ ] Excavation area water is being pumped to the water treatment system.

[X] [ ] [ ] Water from sediment handling pad and decontamination area is being pumped to the water treatment system.

[X] [ ] [ ] Connections to treatment system are secure and show no signs of leaks.

[X] [ ] [ ] Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes No NA

1. Stabilized Construction Entrance:

[X] [ ] [ ] Is stone clean enough to effectively remove mud from vehicles?

[X] [ ] [ ] Installed per standards and specifications?

[X] [ ] [ ] Does all traffic use the stabilized entrance to enter and leave construction site?

[X] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence/Straw Bale Dike:

[X] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.

[X] [ ] [ ] Fabric buried 6 inches minimum below grade.

[X] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.

[X] [ ] [ ] Straw bales anchored in place with two support posts that are flush with top of bale.

[X] [ ] [ ] Straw bales are firmly packed, unrotted, with intact bailing wire.

3. Oil Absorbent Booms

[ ] [ ] [X] Booms are anchored/secured in-place with no gaps between connecting booms.

[ ] [ ] [X] Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

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ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector: Matt

Signature: Date: 07 - 12 - 18

Scanned with CamScanner

PERIODIC INSPECTION REPORT
Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 7-18-2018 1200

Inspector (Name, Title, and Affiliation): Matthew Kroening / Arcadis

Weather Conditions: H 81° L 52°, Sunny; 5-10 mph Wind

Soil Conditions (e.g., dry, wet, saturated): Stream bed and surrounding areas - wet outlying areas - Saturated

Description of Disturbed Areas at Time of Inspection: All areas are in acceptable Condition even due to heavy rain last night

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are ~~Stabilized~~ Stabilized. No changes since last inspection repor

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: No maintenance activities were completed due to major changes in past weeks. All areas hold up well. ~~Secure~~

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[X]	[ ]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Scanned with CamScanner

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[X]	[ ]	Treated water is being discharged to an energy-dissipation area.

(Discharge on hold pending pH meter delivery)

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: _____ Date: 7-18-18

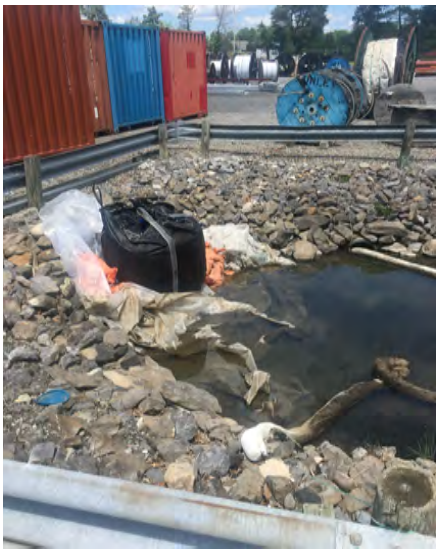
Scanned with CamScanner



NE Route 299 Culvert



South Street Culvert



Fire Pond Outlet Culvert



Route 299 Outfall Culvert

Scanned with CamScanner

PERIODIC INSPECTION REPORT
Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 07-23-18 1030

Inspector (Name, Title, and Affiliation): Matthew Koeninger/Geologist/Arcadis

Weather Conditions: 75° Cloudy with on and off rain

Soil Conditions (e.g., dry, wet, saturated): All areas are saturated due to heavy storms

Description of Disturbed Areas at Time of Inspection: All areas are in acceptable condition even after heavy rains today/last night

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are stabalized and No changes since previous inspection

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Some of the log flat holes had small leaks in them. They were replaced and no leaks at time of current inspection

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[X]	[ ]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Scanned with CamScanner

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: [signature] Date: 07-23-18

Scanned with CamScanner



Route 299 Outfall Culvert



NE Route 299 Culvert



Pump Near Route 299 Culvert

Scanned with CamScanner

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 07-30-2018

Inspector (Name, Title, and Affiliation): Matthew Kroening / Geologist / Arcadis

Weather Conditions: 78°F, Sunny

Soil Conditions (e.g., dry, wet, saturated): Stream Bed and Surrounding area is wet, outlying areas are Saturated

Description of Disturbed Areas at Time of Inspection: All areas are stable after changes were made to accomidate for heavy rain.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: More Sand bags were added to the South Creek Culvert as well as the 6in bypass line was replaced with a 8in line to help in heavy rain events. Trenchs were dug in excavation area and walls built up as well

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: As Stated above more sand bags were implemeted to help with heavy rain events. Around the South Creek Culvert.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[X]	[ ]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[X]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[X]	[ ]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[X]	[ ]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Nalle

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: _____ Date: 07-30-18



route 299 outfall culvert



South street culvert with updated sandbags



New 8 inch line

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 08-06-18 1400

Inspector (Name, Title, and Affiliation): Matthew Kroening / Geologist / Arcadis

Weather Conditions: Sunny High of 92° Low of 73°

Soil Conditions (e.g., dry, wet, saturated): Wet / saturated in most low areas especially in excavation areas / channels

Description of Disturbed Areas at Time of Inspection: All ~~disturbed~~ disturbed areas are in acceptable conditions, even after heavy rain events over the weekend

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: Most of the road is stable with lower / seeping parts of road being stabilized.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Silt fench was put around "Clean" road as well as more sand bags were placed around the South St Culvert. Pump was switched out at NE 299 Culvert due to float switch promblems

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Silt fence around clean rd must be properly trenched/keyed in.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matt K Date: 08-06-18



Clean rd with added silt fence



South street culvert with added sand bags



NE 299 culvert with replaced pump

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 8-13-2018 1100

Inspector (Name, Title, and Affiliation): Matthew Loening / Geologist / Arcadis

Weather Conditions: 73°F Cloudy / Humid

Soil Conditions (e.g., dry, wet, saturated): Wet / Saturated in most low areas, Saturated in excavation pits

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are Stabalized after wooden pallets added to excavation road

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Wooden pallets and poly were added to excavation road to help Stabalize. Flow through plug was installed inside manhole leading to Fire Pond. One super sack was removed from Fire Pond.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matt [illegible] Date: 08-13-2018



299 Culvert



Fire pond with removed super-sack



Installation of flow through plug

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 08/20/2018 1300

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Sunny, Humid, 85 degrees

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, saturated in deeper parts of excavation pit.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Sand bags and super sacks were removed around South street culvert, so excavation could be complete around area. As soon as excavation was completed Sandbags and super sacks were replaced and area is currently stabilized.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.

[X] [ ] [ ] Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X] [ ] [ ] Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes No NA

2. Excavation Dewatering & Construction Water Management:

[X] [ ] [ ] Excavation area water is being pumped to the water treatment system.
[X] [ ] [ ] Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X] [ ] [ ] Connections to treatment system are secure and show no signs of leaks.
[X] [ ] [ ] Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes No NA

1. Stabilized Construction Entrance:

[X] [ ] [ ] Is stone clean enough to effectively remove mud from vehicles?
[X] [ ] [ ] Installed per standards and specifications?
[X] [ ] [ ] Does all traffic use the stabilized entrance to enter and leave construction site?
[X] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence/Straw Bale Dike:

[X] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.
[X] [ ] [ ] Fabric buried 6 inches minimum below grade.
[X] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.
[ ] [ ] [X] Straw bales anchored in place with two support posts that are flush with top of bale.
[ ] [ ] [X] Straw bales are firmly packed, unrotted, with intact bailing wire.

3. Oil Absorbent Booms

[ ] [ ] [X] Booms are anchored/secured in-place with no gaps between connecting booms.
[ ] [ ] [X] Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Some of the silt fence around the mat access rd had fallen over. Abscope has been informed and will replace it

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 08/20/2018







INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 08/27/2018 1100

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Sunny, Humid, 90 degrees

Soil Conditions (e.g., dry, wet, saturated): Dry in most areas, wet in deeper parts of excavation pit.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Holes in silt fence along access mat rd that were reported in last week's inspection have been fixed and are currently in good condition.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.

[X] [ ] [ ] Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X] [ ] [ ] Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes No NA

2. Excavation Dewatering & Construction Water Management:

[X] [ ] [ ] Excavation area water is being pumped to the water treatment system.
[X] [ ] [ ] Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X] [ ] [ ] Connections to treatment system are secure and show no signs of leaks.
[X] [ ] [ ] Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes No NA

1. Stabilized Construction Entrance:

[X] [ ] [ ] Is stone clean enough to effectively remove mud from vehicles?
[X] [ ] [ ] Installed per standards and specifications?
[X] [ ] [ ] Does all traffic use the stabilized entrance to enter and leave construction site?
[X] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence/Straw Bale Dike:

[X] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.
[X] [ ] [ ] Fabric buried 6 inches minimum below grade.
[X] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.
[ ] [ ] [X] Straw bales anchored in place with two support posts that are flush with top of bale.
[ ] [ ] [X] Straw bales are firmly packed, unrotted, with intact bailing wire.

3. Oil Absorbent Booms

[ ] [ ] [X] Booms are anchored/secured in-place with no gaps between connecting booms.
[ ] [ ] [X] Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

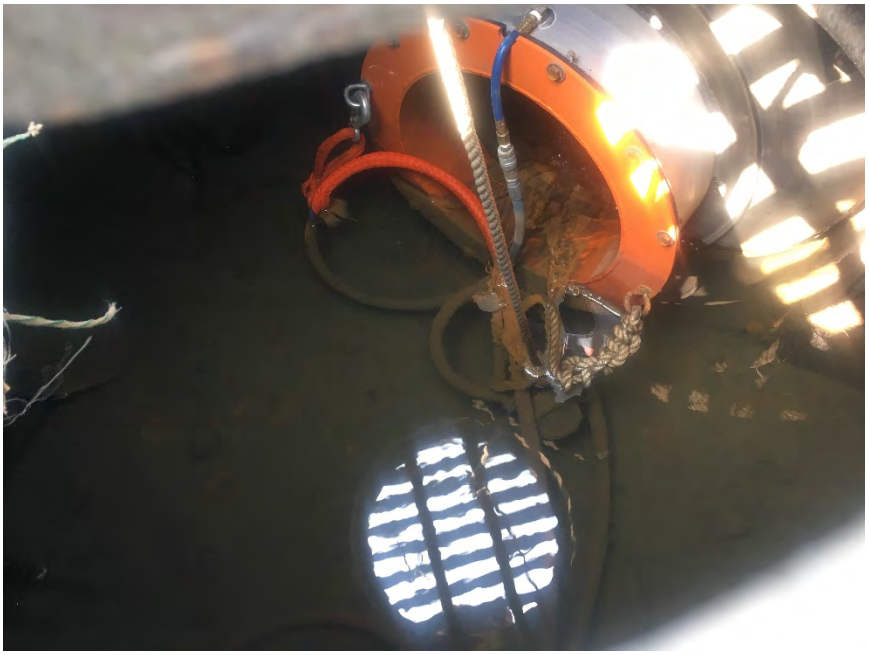
ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 08/27/2018







INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 09/04/2018 1000

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Sunny, Humid, 85 degrees

Soil Conditions (e.g., dry, wet, saturated): Dry in most areas, wet in deeper parts of excavation pit, specifically areas where ground water is seeping into excavation pit.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: repaired fallen silt fence along access rd.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.

[X] [ ] [ ] Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X] [ ] [ ] Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes No NA

2. Excavation Dewatering & Construction Water Management:

[X] [ ] [ ] Excavation area water is being pumped to the water treatment system.
[X] [ ] [ ] Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X] [ ] [ ] Connections to treatment system are secure and show no signs of leaks.
[X] [ ] [ ] Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes No NA

1. Stabilized Construction Entrance:

[X] [ ] [ ] Is stone clean enough to effectively remove mud from vehicles?
[X] [ ] [ ] Installed per standards and specifications?
[X] [ ] [ ] Does all traffic use the stabilized entrance to enter and leave construction site?
[X] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence/Straw Bale Dike:

[X] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.
[X] [ ] [ ] Fabric buried 6 inches minimum below grade.
[X] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.
[ ] [ ] [X] Straw bales anchored in place with two support posts that are flush with top of bale.
[ ] [ ] [X] Straw bales are firmly packed, unrotted, with intact bailing wire.

3. Oil Absorbent Booms

[ ] [ ] [X] Booms are anchored/secured in-place with no gaps between connecting booms.
[ ] [ ] [X] Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Install silt fence along scrapped area by mat access road. Abscope has been informed and will have installed.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 09/04/2018



Scrapped area along access mat road where silt fence needs to be installed



South Street Culvert



Fire Pond Culvert

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 09/10/2018 1000

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: 54 degrees F, Heavy rain

Soil Conditions (e.g., dry, wet, saturated): All areas saturated due to heavy rain fall

.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection:

Silt fence that had fallen/needed to be installed during last week's inspection have been fixed/installed. Coir logs have been placed in front of backfill stockpile area.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.

[X] [ ] [ ] Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X] [ ] [ ] Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes No NA

2. Excavation Dewatering & Construction Water Management:

[X] [ ] [ ] Excavation area water is being pumped to the water treatment system.
[X] [ ] [ ] Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X] [ ] [ ] Connections to treatment system are secure and show no signs of leaks.
[X] [ ] [ ] Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes No NA

1. Stabilized Construction Entrance:

[X] [ ] [ ] Is stone clean enough to effectively remove mud from vehicles?
[X] [ ] [ ] Installed per standards and specifications?
[X] [ ] [ ] Does all traffic use the stabilized entrance to enter and leave construction site?
[X] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence/Straw Bale Dike:

[X] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.
[X] [ ] [ ] Fabric buried 6 inches minimum below grade.
[X] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.
[ ] [ ] [X] Straw bales anchored in place with two support posts that are flush with top of bale.
[ ] [ ] [X] Straw bales are firmly packed, unrotted, with intact bailing wire.

3. Oil Absorbent Booms

[ ] [ ] [X] Booms are anchored/secured in-place with no gaps between connecting booms.
[ ] [ ] [X] Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

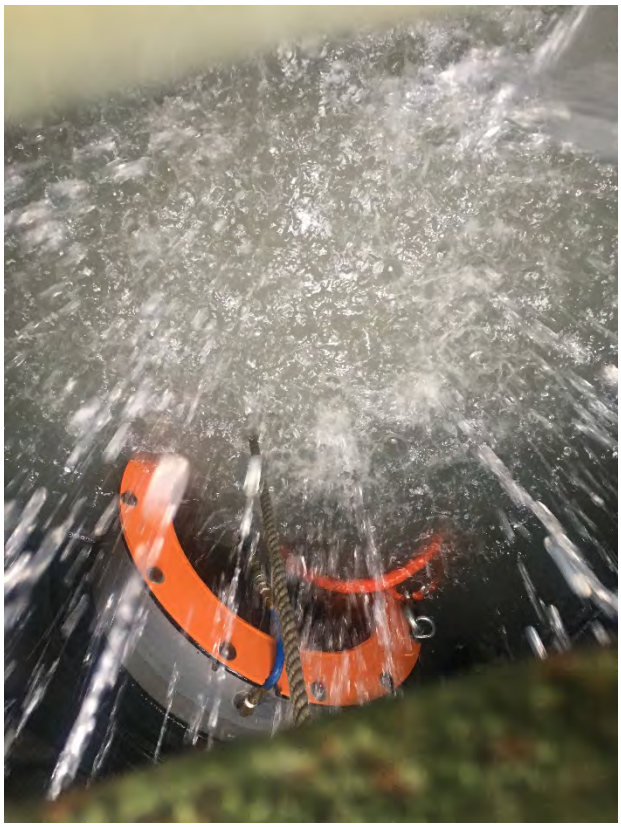
ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 09/10/2018



Bypass sump at facility outfall



Flow through plug during rain event



Fire Pond Culvert



Coir logs installed at entrance to backfill staging area

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 09/17/2018 1300

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Cloudy, Humid, 77 degrees

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, Saturated in deeper parts of excavation.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Re-worked South Street Culvert by adding more sand bags and polly around supersacks to keep water from leaking out during large rain event.

Abscope replace section of lay flat hose that had a large hole in it that was located by Route 299

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 09/017/2018



NE 299 Culvert



South Street Culvert



Fire Pond

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 09/24/2018 1000

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Cloudy, 60 degrees

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, Saturated in deeper parts of excavation.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: No maintenance activities need to be corrected

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

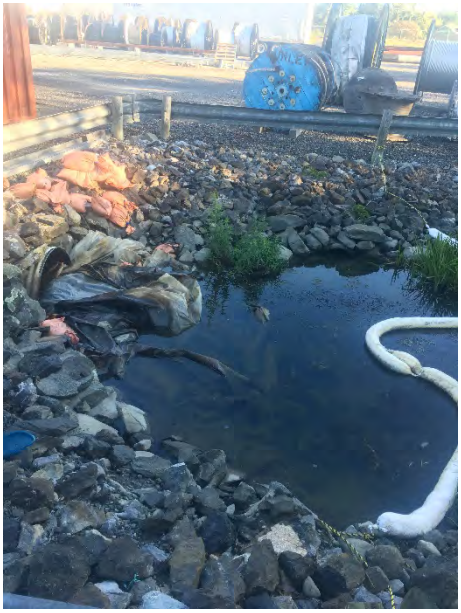
Signature: Matthew Kroening Date: 09/24/2018



Access rd. silt fence in good condition



South Street Culvert



Fire Pond

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 10/01/2018 1130

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Cloudy, 68 degrees

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, Saturated in deeper parts of excavation.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Since the previous inspection an additional discharge water area has been added. A liner has been added to the South St Culvert to prevent water from leaking around the supersacks and into the excavation area.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Small leak in bypass line,

Abscope has been notified and will replace section

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 10/01/2018



New liner added to South St Culvert



Route 299 Outfall Culvert



Additional water discharge area.



Fire Pond

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 10/08/2018 1400

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Cloudy, 65 degrees, light rain

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, Saturated in deeper parts of excavation.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Silt fence along the backfill staging area had fallen and needed to be replaced. Abscope was notified and replaced the silt fence. DOT needed our bypass line switched out at the 299 Outfall Culvert. Bypass line has been switched to lay flat hose that is running west down 299 St.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 10/08/2018



New silt fenced installed in backfill staging area.



Lay flat hose running West down Route 299 where new bypass line has been switched over too.



Additional water discharge area.



Fire Pond

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 10/15/2018 1100

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Cloudy, 62 degrees, light rain

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, Saturated in deeper parts of excavation epically in goose pond

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Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Silt fence along the backfill staging area had fallen and needed to be replaced. Abscope was notified and replaced the silt fence over the weekend. Reinstalled bypass line so it discharged under the 299 st bypass culvert, and reworked NE 299 culvert with help from DOT. Removed Flow through plug as CHGE facility was starting to flood.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being pumped to the water treatment system.
[X]	[ ]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[X]	[ ]	[ ]	Connections to treatment system are secure and show no signs of leaks.
[X]	[ ]	[ ]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: None

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 10/15/2018



New silt fenced installed in backfill staging area.



Removed flow through plug.



Reworked NE 299 Culvert.



Reworked 299 Outfall Culvert.

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 10/22/2018 1100

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Cloudy, 42 degrees

Soil Conditions (e.g., dry, wet, saturated): Dry in most areas, Saturated in deeper parts of excavation that isn't filled in with general fill/ top soil.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Additional stone has been placed in font of backfill staging area to minimize dirt being tracked onto South St. by trucks. Super sacks around the South St Culvert were reworked and are more stable now.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being managed in accordance with BMPs and DEC requests..
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

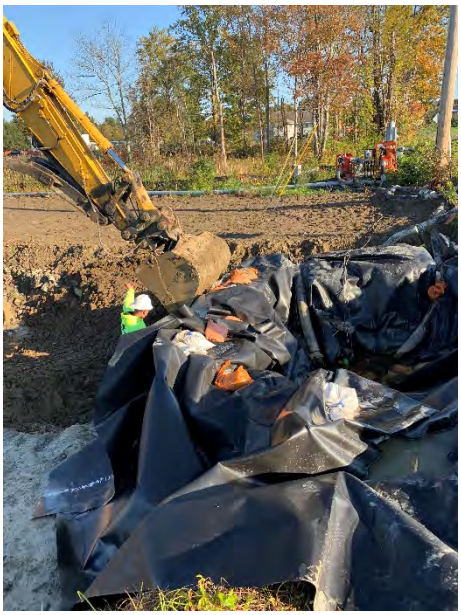
Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Flow through plug hasn't been reinserted into to man hole.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 10/22/2018



Reworking the super sacks along the South St. Culvert.



Removed flow through plug.



Secondary Bypass area in good standing condition.



Fire Pond in good standing condition.

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 10/29/2018 1130

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Cloudy, 53 degrees

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, saturated in deeper parts of excavation that's not filled in.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Additional stone has been placed in front of backfill staging area to minimize dirt being tracked onto South St. by trucks. Decision has been made to not re install the flow through plug. Coir logs are being placed along the channel at final grade.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being managed in accordance with BMPs and DEC requests..
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Silt fence around backfill staging area needs to be reworked.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 10/29/2018



South St Culvert in good standing condition.



Silt fence in backfill staging area that needs to be replaced.



299 Bypass Culvert in good standing condition.



Fire Pond in good standing condition.



Coir Logs being placed along the channel.

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 11/5/2018 1140

Inspector (Name, Title, and Affiliation): Amanda Kohler, Project Engineer, Arcadis

Weather Conditions: Intermittent Rain, 46 degrees

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, saturated in deeper parts of excavation that's not filled in.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized; minor erosion noted at main side drainage channels

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Support area grade maintained/improved to minimize dirt being tracked onto South St. by trucks. New secondary discharge location installed next to previous location. Coir logs re-set in secondary channel from culvert near 299 and South St.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[X]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being managed in accordance with BMPs and DEC requests..
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Continued maintenance of silt fence around backfill staging area.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Amanda Kohler Date: 11/05/2018



299 Bypass Culvert in good standing condition.



Fire Pond in good standing condition.



Secondary Discharge Location.

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 11/12/2018 1300

Inspector (Name, Title, and Affiliation): Matthew Kroening/Geologist/Arcadis

Weather Conditions: Cloudy, 49 degrees

Soil Conditions (e.g., dry, wet, saturated): Wet in most areas, saturated in deeper parts of excavation pit that's not filled in.

Description of Disturbed Areas at Time of Inspection: All disturbed areas are in acceptable conditions

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All areas are currently stabilized

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Coir logs continued to be placed along the channel at final grade. Extra coir logs have been placed in channel coming for 299 into the site.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[X]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[X]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[X]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[X]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[X]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[X]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[X]	[ ]	Is construction impacting the adjacent property?
[X]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[X]	[ ]	Bypass piping is not leaking and is in adequate condition.
[X]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[X]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[X]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[X]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being managed in accordance with BMPs and DEC requests..
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Silt fence around backfill staging area needs to be reworked. Pipe coming out of the South Street Bypass pump need to be turned so water doesn't leak out of the air vent in pipe causing water to leak onto the site. Abscope has been notified and fixed both issues that day.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Matthew Kroening Date: 11/12/2018



Water leaking out of pipe in South Street Bypass pump.



Silt fence in backfill staging area that needs to be replaced.



Silt fence in backfill staging area that needs to be replaced.



Fire Pond in good standing condition.

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 11/19/2018 1100

Inspector (Name, Title, and Affiliation): Jason Kokkinos

Weather Conditions: Cloudy, 35 Degrees F

Soil Conditions (e.g., dry, wet, saturated): Conditions nearly saturated through entire site, standing water in deeper areas of site that have not been filled with soil.

Description of Disturbed Areas at Time of Inspection: Disturbed areas in good condition

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: Areas currently stabilized.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Coir log check dams placed in channel on north side of site are now in good condition and functioning properly.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[x]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[x]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[x]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[x]	[ ]	Is construction impacting the adjacent property?
[x]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[x]	[ ]	Bypass piping is not leaking and is in adequate condition.
[x]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[x]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[x]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[x]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[X]	[ ]	[ ]	Excavation area water is being managed in accordance with BMPs and DEC requests.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[X]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[X]	[ ]	[ ]	Installed per standards and specifications?
[X]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[X]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[ ]	[X]	[ ]	Fabric buried 6 inches minimum below grade.
[ ]	[X]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[X]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[X]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Three small leaks were located along the bypass, which are planned to be fixed with plumbing tape. Silt fencing is collapsing in some areas and uplifted from the soil (under 6 inches) due to recent snowfall and delivery of topsoil; this is planned to be fixed by contractors this week. Some silty discharge was observed for a short period of time in the South Street Culvert collection area, but was remedied quickly (under one hour) as water settled and discharge became clear. All other conditions on site were stable and no additional issues were observed regarding the SWPPP.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Jason Kokkinos Date: 11/19/2018



Slightly silty water discharge observed at South Street Culvert; silty look subsided after water being pumped had settled (-).



By-pass leak observed near South Street Culvert (-).



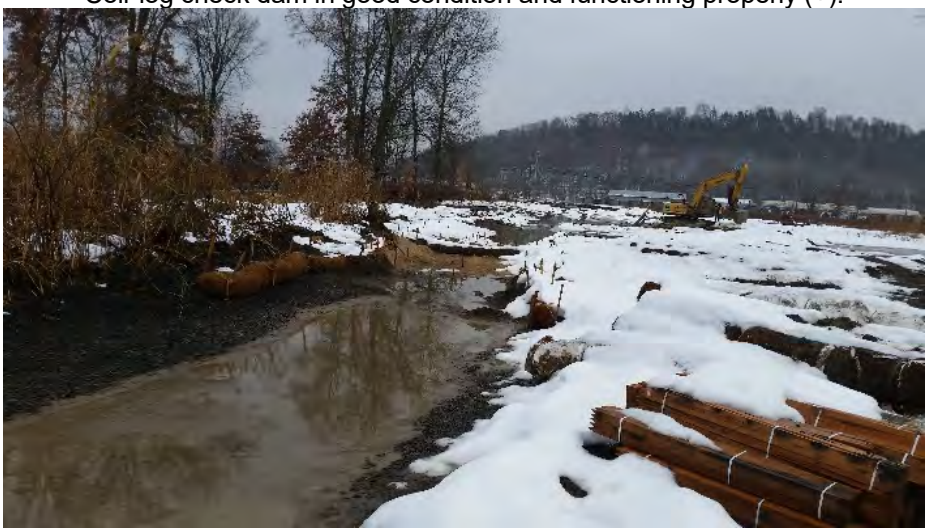
By-pass leak observed at approximately half-way point of channel (-).



By-pass leak observed at uphill slop near “Duck Pond” (-).



Coir log check dam in good condition and functioning properly (+).



Beaver Dam area well stabilized despite melting snow and saturated conditions (+).

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 11/26/2018 1900

Inspector (Name, Title, and Affiliation): Jason Kokkinos, Environmental Scientist, Arcadis

Weather Conditions: Cloudy, 37 Degrees F

Soil Conditions (e.g., dry, wet, saturated): Conditions saturated in much of the site. Standing water in western portion of channel and in micro depressions. Area furthest north on yellow haul road is still below design grade and needs to be filled with topsoil.

Description of Disturbed Areas at Time of Inspection: Disturbed areas in good condition and within the project limits.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: Most areas currently stabilized and in the process of being removed as they are no longer needed (i.e. timber mat access road along channel). Only exception are some breaks in silt fencing along yellow haul road that are new since the last inspection.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Previous SWPPP Inspection observed damage to silt fencing in discharge area at back of site due to snow and soil movement; these breaks in the fencing have been fixed and are currently strong. Additional areas of silt fencing along the yellow haul road need to be re-stabilized. Foremen have been made aware of the locations of the break, and the fencing will be restapled before demobilization today.

Previous SWPPP Inspection observed silty discharge from dewatering that lasted only temporarily during that day, At the time of this current Inspection, all water exiting the site was clear.

Previous SWPPP Inspection identified three micro-punctures in the water bypass line. The line was temporarily repaired using impermeable plumbing tape. No further corrective actions are suggested at this time, due to the expectation that the bypass system will be deconstructed today and no water will be flowing through it.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[x]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[ ]	[x]	[ ]	Is construction site litter and debris appropriately managed?
[x]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[x]	[ ]	Is construction impacting the adjacent property?
[x]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[x]	[ ]	[ ]	Bypass piping is not leaking and is in adequate condition.
[x]	[ ]	[ ]	Bypass pumps are stable and are not leaking; fittings are secure.
[x]	[ ]	[ ]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[x]	[ ]	[ ]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[x]	[ ]	[ ]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[x]	[ ]	[ ]	Excavation area water is being managed in accordance with BMPs and DEC requests.
[ ]	[x]	[ ]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[x]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[x]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[x]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[x]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[ ]	[x]	[ ]	Fabric buried 6 inches minimum below grade.
[ ]	[x]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[x]	[ ]	[ ]	Straw bales anchored in place with two support posts that are flush with top of bale.
[x]	[ ]	[ ]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[x]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[x]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Silt fencing along the yellow haul road needs to be re-stabilized in several areas on the west side; contractors plan to fix silt fencing following work on the road today.

There was some evidence of litter through the site. The project is in its final stages and this loose garbage should be picked up and disposed of properly. Foremen had been notified of issue and will have workers do a visual sweep of the area and pick up any loose litter. All large construction material is being organized and disposed properly.

There is some standing water surrounding the diesel tank on top of an impermeable liner. Contractors are unsure of how to dispose of this dirty/gas water; corrective action requires coordination and direction.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Jason Kokkinos Date: 11/26/2018



Coir logs on edges of channel are positioned securely and stabilized by surrounding topsoil. Picture shows workers reinforcing stakes around silt fence.



Conditions along the Rt. 299 Culvert, which has not been opened at the time of the Inspection and was still accepting bypass flow. Bypass system had been temporarily fixed with plumbing tape in locations of micro punctures the entire bypass system is planned to be stopped later today.



Silt fencing in the back discharge area which was damaged last week in good condition.



Location of silt fence break on east side of yellow haul road that needs fixing.



Location of silt fence break on east side of yellow haul road that needs fixing.



Discharge is clear (small white hose) and bypass system has no leaks (large grey/black hose).

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 12/3/2018 900

Inspector (Name, Title, and Affiliation): Jason Kokkinos, Environmental Scientist, Arcadis

Weather Conditions: Cloudy, 42 Degrees F

Soil Conditions (e.g., dry, wet, saturated): Conditions saturated in much of the site. Running water in the channel (~6-10 inches) and standing water in micro depressions (~24 inches average). Restoration area fill is complete, and the project is in wrap-up stages.

Description of Disturbed Areas at Time of Inspection: Disturbed areas in good condition and mostly within the project limits. Exception is the area in the middle of the "horseshoe" central staging area; material is starting to be placed in this location which is outside of normal specifications.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: Areas all stabilized and fill in main restoration area is complete. Last area to be filled in the emergent wetland portion on the north side of the staging area requires stone to be removed and topsoil to be placed prior to restoration.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Previous SWPPP Inspection observed damage to silt fencing in along yellow haul road. Since this time, the haul road has been removed and all silt fencing has been stabilized or reinforced as needed.

Also, during previous Inspection, it was noted that discharge was silty at times. The bypass system had been removed by the time of this week's inspection, and no further corrective action was necessary.

Rainwater that collects within the secondary containment around the diesel fuel tank needs to be appropriately managed. Any sheens need to be removed (e.g., absorbent pads) and water removed from the containment area.

Last pending issue from the previous inspection was the presence of several small leaks in the bypass system. The system had been removed by the time of this inspection, and no further corrective action was necessary.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[ ]	[x]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[x]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[ ]	[x]	[ ]	Is construction site material, litter, and debris appropriately managed?
[x]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[x]	[ ]	Is construction impacting the adjacent property?
[x]	[ ]	[ ]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[x]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[x]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[x]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[x]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ]	[ ]	[x]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[ ]	[ ]	[x]	Excavation area water is being managed in accordance with BMPs and DEC requests.
[ ]	[ ]	[x]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[x]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[x]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[x]	[ ]	[ ]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[x]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[x]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[x]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[x]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[x]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[x]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[x]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Corrective actions required to be compliant with the SWPPP include a timely movement of all equipment from the center of the horseshoe staging area. Currently, the project area is in its final stages and some light construction equipment such as hoses and tarp are being placed on the edges. This material needs to be moved back into the designated staging area before the next SWPPP inspection. Removal of the water within the fuel tank secondary storage, including removal of sheens (if present), is required.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Jason Kokkinos Date: 12/3/2018



Silt fencing along the area of the former haul road has been fixed and is good standing condition.



Light construction equipment is being placed in staging area in center of “horseshoe”, which is outside of project limits. Needs to be corrected before next SWPPP Inspection.



Area around main channel is well stabilized and sufficient straw has been placed to allow for vegetation to begin growing.

INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 12/12/2018 945

Inspector (Name, Title, and Affiliation): Jason Kokkinos, Environmental Scientist, Arcadis

Weather Conditions: Partly Cloudy, 32 Degrees F

Soil Conditions (e.g., dry, wet, saturated): Saturated and frozen. All exposed soil covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: All restoration complete and no signs of continued disturbance. Areas had been completely covered with straw, stone and boulders in appropriate places. The channel was in stable condition.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were stabilized and in good condition. Site is in good condition and ready for winter shutdown/monthly SWPPP Inspection

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: Previous SWPPP Inspection noted staging of some equipment in the central "horseshoe" area which was outside of proposed project limits. At the time of this inspection there was no equipment being staged outside of the project limits.

Previous SWPPP inspection noted oily sheen in containment vessel of diesel fuel tank. All presence of oil in this container had been removed since last inspection and containment vessel had been removed form the site.

Issues observed in the morning during the SWPPP inspection that needed rectifying included closing off boulder wall between stockpile/discharge area and staging area, seeding and mulching discharge area, and touching up mulch in seeded area south of the beaver dam. All of these issues were fixed by the end of the work day.

There were no other pending issues related to the SWPPP inspection and the site was in good condition for winter shutdown and monthly inspections by the end of the work day.

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[x]	[ ]	[ ]	All soil disturbance is within the limits of the approved plans?
[x]	[ ]	[ ]	Is construction site litter and debris appropriately managed?
[x]	[ ]	[ ]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?

[ ] [x] [ ] Is construction impacting the adjacent property?
[ ] [ ] [x] Is dust adequately controlled?

2. Temporary Bypass System:

[ ] [ ] [x] Bypass piping is not leaking and is in adequate condition.
[ ] [ ] [x] Bypass pumps are stable and are not leaking; fittings are secure.
[ ] [ ] [x] Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ] [ ] [x] Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ] [ ] [x] Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes No NA

2. Excavation Dewatering & Construction Water Management:

[ ] [ ] [x] Excavation area water is being managed in accordance with BMPs and DEC requests.
[ ] [ ] [x] Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ] [ ] [x] Connections to treatment system are secure and show no signs of leaks.
[ ] [ ] [x] Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes No NA

1. Stabilized Construction Entrance:

[x] [ ] [ ] Is stone clean enough to effectively remove mud from vehicles?
[x] [ ] [ ] Installed per standards and specifications?
[x] [ ] [ ] Does all traffic use the stabilized entrance to enter and leave construction site?
[x] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence/Straw Bale Dike:

[x] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.
[x] [ ] [ ] Fabric buried 6 inches minimum below grade.
[x] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.
[ ] [ ] [x] Straw bales anchored in place with two support posts that are flush with top of bale.
[ ] [ ] [x] Straw bales are firmly packed, unrotted, with intact bailing wire.

3. Oil Absorbent Booms

[ ] [ ] [x] Booms are anchored/secured in-place with no gaps between connecting booms.
[ ] [ ] [x] Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: Overall impression of the site were positive during the SWPPP Inspection. The areas that had been disturbed previously had all been properly restored and were well contained by stable compost socks and silt fencing. There were some additional areas that needed extra straw mulch (downstream of beaver dam), but were re-mulched by the end of the day. There was also needed movement of some boulders to their appropriate area and movement of stone beneath electric pads to the staging area “horseshoe” these were also completed by the end of the work day.

By the end of the day, the site looked in good condition and there were no concerns for stormwater pollution. It is suggested that the site is ready for winter shutdown and inspections be reduced to monthly as opposed to weekly.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: Jason Kokkinos Date: 12/12/2018



Area downstream of “beaver dam” was re-mulched to add extra erosion control by the end of the day. Picture shows final condition.



No equipment or site litter being staged in the horseshoe area as was observed in previous SWPPP Inspection. Staging area and entire site in good condition and no additional disturbance observed.



Stone boulders that separate staging area from discharge area have been properly placed.



Discharge area was seeded and mulched with straw.

December 18, 2018

Mr. Dave Barton
Director, Building & Zoning Enforcement Dept.
Town of Lloyd
12 Church St.
Highland, NY 12528

Re: Elting's Corners Wetland Remediation SWPPP

Dear Mr. Barton,

Central Hudson and our consultant have been performing Stormwater Pollution Prevention Plan (SWPPP) inspections for the NYSDEC directed Elting's Corners wetland remediation project in the Town of Lloyd that we discussed this spring and that the Town provided the signed MS4 form for on May 11th, 2018. This letter serves as a notification for the reduction in SWPPP inspection frequency for the project.

As of December 12th, 2018, all site work and associated soil disturbances have been completed and all temporary stabilization measures have been applied to disturbed soils. In accordance with Part IV of the NYSDEC SPDES General Permit, the project is considered to be under a winter shutdown and site inspection frequency can be reduced to once every thirty days. We anticipate filing of the Notice of Termination this spring once the site has reached final stabilization. Please to do not hesitate to contact me if there are any questions.

Sincerely,

Chris DeRoberts
Environmental Coordinator

CC: K. Thompson, NYSDEC
W. Mancroni, CHGE
A. Kohler, Arcadis

284 South Avenue
Poughkeepsie, NY 12601
Phone: 845-486-5734
Fax: 845-486-5984
cderoberts@cenhud.com

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 1/9/19 1425

Inspector (Name, Title, and Affiliation): Chris DeRoberts, Environmental Coordinator, Central Hudson

Weather Conditions: Mostly sunny, windy, high 30's

Soil Conditions (e.g., dry, wet, saturated): Saturated and frozen. All exposed soil remains covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: There are no active disturbed areas. The site is in winter shutdown.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were in good condition. All areas continue to remain completely covered with straw and stone in appropriate places. The channel was in stable condition. No HPDE pellets were observed on the ground or within the stream channel.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: none needed

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[ ]	[ ]	[x]	All soil disturbance is within the limits of the approved plans?
[ ]	[ ]	[x]	Is construction site litter and debris appropriately managed?
[ ]	[ ]	[x]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[ ]	[x]	Is construction impacting the adjacent property?
[ ]	[ ]	[x]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[X]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[X]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ]	[ ]	[X]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[ ]	[ ]	[X]	Excavation area water is being pumped to the water treatment system.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[ ]	[ ]	[x]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies:

No maintenance items were noted. The site remains under winter shutdown, with monthly inspections being conducted.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature:  Date: 1/10/19



Figure 1- Erosion control at the Rt. 299 culvert remains intact



Figure 2- Erosion control at the former topsoil stockpile area remains intact



Figure 3- Erosion control along the former haul road as well as the remainder of the site remains intact

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 2/8/19 1350

Inspector (Name, Title, and Affiliation): Chris DeRoberts, Environmental Coordinator, Central Hudson

Weather Conditions: sunny, windy, 53 degrees

Soil Conditions (e.g., dry, wet, saturated): Saturated following a morning rainstorm. All previously disturbed soil remains covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: There are no active disturbed areas. The site is in winter shutdown.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were in good condition. Minor repairs to the silt fence were made during the inspection. All areas continue to remain completely covered with straw and stone in appropriate places. The channel was in stable condition. Several HPDE pellets were observed and recovered from within the stream channel.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: none needed

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[ ]	[ ]	[x]	All soil disturbance is within the limits of the approved plans?
[ ]	[ ]	[x]	Is construction site litter and debris appropriately managed?
[ ]	[ ]	[x]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[ ]	[x]	Is construction impacting the adjacent property?
[ ]	[ ]	[x]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[X]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[X]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ]	[ ]	[X]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[ ]	[ ]	[X]	Excavation area water is being pumped to the water treatment system.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[ ]	[ ]	[x]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies:

Minor silt fence repairs were needed (stapling loose fabric) and were performed during the inspection.

Wind blown trash and pieces of poly were observed and collected.

HDPE pellets were observed and collected from one area in the stream channel.

No additional maintenance items were noted or are needed.

The site remains under winter shutdown, with monthly inspections being conducted.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature:  Date: 2/12/19



Figure 1- Erosion control at the Rt. 299 culvert remains intact



Figure 2- Erosion control at the former topsoil stockpile area remains intact



Figure 3- Erosion control along the former haul road remains intact



Figure 4- Erosion control around the remainder of the site remains intact

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 3/8/19 1410

Inspector (Name, Title, and Affiliation): Chris DeRoberts, Environmental Coordinator, Central Hudson

Weather Conditions: cloudy, 35 degrees

Soil Conditions (e.g., dry, wet, saturated): Frozen, saturated. All previously disturbed soil remains covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: There are no active disturbed areas. The site is in winter shutdown.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were in good condition. Minor repairs to the silt fence were made during the inspection. All areas continue to remain completely covered with straw and stone in appropriate places. The channel was in stable condition. Eight 1/8" HPDE pellets were observed and recovered from within the stream channel.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: none needed

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[ ]	[ ]	[x]	All soil disturbance is within the limits of the approved plans?
[ ]	[ ]	[x]	Is construction site litter and debris appropriately managed?
[ ]	[ ]	[x]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[ ]	[x]	Is construction impacting the adjacent property?
[ ]	[ ]	[x]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[X]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[X]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ]	[ ]	[X]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[ ]	[ ]	[X]	Excavation area water is being pumped to the water treatment system.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[ ]	[ ]	[x]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies:

Minor silt fence repairs were needed (stapling loose fabric) and were performed during the inspection.

8 1/8" HDPE pellets were observed and collected from a few areas within the stream channel.

No additional maintenance items were noted or are needed.

The site remains under winter shutdown, with monthly inspections being conducted.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature:  Date: 3/11/19



Figure 1- Erosion control at the Rt. 299 culvert remains intact



Figure 2- Erosion control at the former topsoil stockpile area remains intact



Figure 3- Erosion control along the former haul road remains intact



Figure 4- Erosion control around the remainder of the site remains intact

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 4/5/19 9:53

Inspector (Name, Title, and Affiliation): Chris DeRoberts, Environmental Coordinator, Central Hudson

Weather Conditions: cloudy, 38 degrees

Soil Conditions (e.g., dry, wet, saturated): thawed, saturated. All previously disturbed soil remains covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: There are no active disturbed areas. The site is in temporary shutdown.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were in good condition. Minor repairs to the silt fence were made during the inspection. All areas continue to remain completely covered with straw and stone in appropriate places. The channel was in stable condition. Several 1/8" diameter HPDE pellets were observed and recovered from within and adjacent to the stream channel.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: none needed

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[ ]	[ ]	[x]	All soil disturbance is within the limits of the approved plans?
[ ]	[ ]	[x]	Is construction site litter and debris appropriately managed?
[ ]	[ ]	[x]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[ ]	[x]	Is construction impacting the adjacent property?
[ ]	[ ]	[x]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[X]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[X]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ]	[ ]	[X]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[ ]	[ ]	[X]	Excavation area water is being pumped to the water treatment system.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[ ]	[ ]	[x]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies:

Minor silt fence repairs were needed (stapling loose fabric) and were performed during the inspection.

Several 1/8" diameter HDPE pellets were observed and collected from a few areas within and adjacent to the stream channel.

No additional maintenance items were noted or are needed.

The site remains under temporary shutdown, with monthly inspections being conducted.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: _____ Date: 4/8/19



Figure 1- Erosion control at the Rt. 299 culvert remains intact



Figure 2- Erosion control at the former topsoil stockpile area remains intact



Figure 3- Erosion control along the former haul road remains intact



Figure 4- Erosion control around the remainder of the site remains intact

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 5/1/19 13:53

Inspector (Name, Title, and Affiliation): Chris DeRoberts, Environmental Coordinator, Central Hudson

Weather Conditions: cloudy, 56 degrees

Soil Conditions (e.g., dry, wet, saturated): saturated. All previously disturbed soil remains covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: There are no active disturbed areas. The site is in temporary shutdown.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were in good condition. All areas continue to remain completely covered with straw and stone in appropriate places. Vegetative growth is starting in seeded, planted and mulched areas. The channel was in stable condition. Several 1/8" diameter HPDE pellets were observed and recovered from within and adjacent to the stream channel.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: none needed

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[ ]	[ ]	[x]	All soil disturbance is within the limits of the approved plans?
[ ]	[ ]	[x]	Is construction site litter and debris appropriately managed?
[ ]	[ ]	[x]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[ ]	[x]	Is construction impacting the adjacent property?
[ ]	[ ]	[x]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[X]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[X]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ]	[ ]	[X]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[ ]	[ ]	[X]	Excavation area water is being pumped to the water treatment system.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[ ]	[ ]	[x]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies:

Several 1/8" diameter HDPE pellets were observed and collected from a few areas within and adjacent to the stream channel.

No additional maintenance items were noted or are needed.

The site remains under temporary shutdown, with monthly inspections being conducted.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: _____ Date: 5/2/19



Figure 1- Erosion control at the Rt. 299 culvert remains intact



Figure 2- Erosion control at the former topsoil stockpile area remains intact



Figure 3- Erosion control along the former haul road remains intact



Figure 4- Erosion control around the remainder of the site remains intact

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 5/24/19 10:03

Inspector (Name, Title, and Affiliation): Chris DeRoberts, Environmental Coordinator, Central Hudson

Weather Conditions: mostly sunny, 68 degrees

Soil Conditions (e.g., dry, wet, saturated): saturated. All previously disturbed soil remains covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: There are no active disturbed areas. The site is in temporary shutdown.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were in good condition. All areas continue to remain completely covered with straw and stone in appropriate places. Vegetative growth is continues in seeded, planted and mulched areas. The topsoil stockpile area and other areas throughout the site could use raking to break up the soil surface , followed by a reseeding. The channel was in stable condition. Several 1/8" diameter HPDE pellets were observed within and adjacent to the stream channel. Other construction debris was also noticed in the haul road area and should be recovered.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: none needed

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[ ]	[ ]	[x]	All soil disturbance is within the limits of the approved plans?
[ ]	[ ]	[x]	Is construction site litter and debris appropriately managed?
[ ]	[ ]	[x]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[ ]	[x]	Is construction impacting the adjacent property?
[ ]	[ ]	[x]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[X]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[X]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.

[ ] [ ] [X] Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ] [ ] [X] Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes No NA

2. Excavation Dewatering & Construction Water Management:

[ ] [ ] [X] Excavation area water is being pumped to the water treatment system.
[ ] [ ] [X] Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ] [ ] [X] Connections to treatment system are secure and show no signs of leaks.
[ ] [ ] [X] Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes No NA

1. Stabilized Construction Entrance:

[x] [ ] [ ] Is stone clean enough to effectively remove mud from vehicles?
[x] [ ] [ ] Installed per standards and specifications?
[ ] [ ] [x] Does all traffic use the stabilized entrance to enter and leave construction site?
[x] [ ] [ ] Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence/Straw Bale Dike:

[X] [ ] [ ] Joints constructed by wrapping the two ends together for continuous support.
[X] [ ] [ ] Fabric buried 6 inches minimum below grade.
[X] [ ] [ ] Posts are stable, fabric is tight and without rips or frayed areas.
[ ] [ ] [X] Straw bales anchored in place with two support posts that are flush with top of bale.
[ ] [ ] [X] Straw bales are firmly packed, unrotted, with intact bailing wire.

3. Oil Absorbent Booms

[ ] [ ] [X] Booms are anchored/secured in-place with no gaps between connecting booms.
[ ] [ ] [X] Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies:

Several 1/8" diameter HDPE pellets were observed from a few areas within and adjacent to the stream channel.

Construction debris was observed in the haul road area and should be recovered.

The topsoil stockpile area should be raked, reseeded and mulched along with other areas on site where new growth has yet to establish.

No additional maintenance items were noted or are needed.

The site remains under temporary shutdown, with monthly inspections being conducted.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature:  Date: 5/2/19



Figure 1- Erosion control at the Rt. 299 culvert remains intact



Figure 2- Erosion control at the former topsoil stockpile area remains intact. Growth in areas is slow or sparse. Raking and reseeding is recommended.



Figure 3- Erosion control along the former haul road remains intact



Figure 4- Erosion control around the remainder of the site remains intact. New growth is sparse in some areas. Reseeding is recommended.



Figure 5- Remove construction debris along the haul road and other areas throughout the site.

PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 6/20/19 8:05

Inspector (Name, Title, and Affiliation): Ed Duffy, Environmental Technician, Central Hudson

Weather Conditions: light rain, 60 degrees

Soil Conditions (e.g., dry, wet, saturated): saturated. All previously disturbed soil remains covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: There are no active disturbed areas. The site is in temporary shutdown.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were in good condition. All areas continue to remain completely covered with straw and stone in appropriate places. Vegetative growth continues in seeded, planted and mulched areas. The topsoil stockpile area and other areas throughout the site could use raking to break up the soil surface, followed by a reseeding. The channel was in stable condition.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: none needed

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[ ]	[ ]	[x]	All soil disturbance is within the limits of the approved plans?
[ ]	[ ]	[x]	Is construction site litter and debris appropriately managed?
[ ]	[ ]	[x]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[ ]	[x]	Is construction impacting the adjacent property?
[ ]	[ ]	[x]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[X]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[X]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.

[ ] [ ] [X] Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
			2. Excavation Dewatering & Construction Water Management:
[ ]	[ ]	[X]	Excavation area water is being pumped to the water treatment system.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
			1. Stabilized Construction Entrance:
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[ ]	[ ]	[x]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
			2. Silt Fence/Straw Bale Dike:
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
			3. Oil Absorbent Booms
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: _____

No additional maintenance items were noted or are needed.

The site remains under temporary shutdown, with monthly inspections being conducted.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

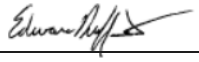
Signature:  Date: 6/20/19

Figure 1- Erosion control at the Rt. 299 culvert remains intact



Figure 2- Erosion control at the former topsoil stockpile area remains intact. Growth in areas is slow or sparse. Raking and reseeding has occurred sense the last inspection.



Figure 3- Erosion control along the former haul road remains intact



Figure 4- Erosion control around the remainder of the site remains intact. New growth is sparse in some areas. Reseeding is recommended.



Figure 5- Herbivore Fencing remains intact throughout the site.



PERIODIC INSPECTION REPORT

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Site

Date and Time of Inspection: 7/19/19 7:20

Inspector (Name, Title, and Affiliation): Ed Duffy, Environmental Technician, Central Hudson

Weather Conditions: overcast, 78 degrees

Soil Conditions (e.g., dry, wet, saturated): Moist. All previously disturbed soil remains covered with straw or stone in appropriate areas according to plans.

Description of Disturbed Areas at Time of Inspection: There are no active disturbed areas. The site is in post remediation monitoring.

Description of Areas Stabilized (Temporary or Final) Since Previous Inspection: All compost socks and silt fencing were in good condition. All areas continue to remain completely covered with straw and stone in appropriate places. Vegetative growth continues in seeded, planted and mulched areas. Silt fence can be removing in the access road now that the area has reached final stabilization see figure 3. The channel was in stable condition.

ATTACH SKETCH SHOWING APPROXIMATE LIMITS OF DISTURBED AND NEWLY-STABILIZED AREAS

Maintenance Activities Completed/Corrective Actions Implemented Since Previous Inspection: none needed

ATTACH PHOTOGRAPHS OF AREAS/ITEMS INSTALLED, REPAIRED, OR REPLACED

Maintaining Water Quality

Yes	No	NA	
[ ]	[x]	[ ]	Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
[ ]	[x]	[ ]	Is there residue from oil and floating substances, visible oil film, or globules or grease?
[x]	[ ]	[ ]	All disturbance is within the limits of the approved plans.

Housekeeping

Yes	No	NA	
1. General Site Conditions:			
[ ]	[ ]	[x]	All soil disturbance is within the limits of the approved plans?
[ ]	[ ]	[x]	Is construction site litter and debris appropriately managed?
[ ]	[ ]	[x]	Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
[ ]	[ ]	[x]	Is construction impacting the adjacent property?
[ ]	[ ]	[x]	Is dust adequately controlled?
2. Temporary Bypass System:			
[ ]	[ ]	[X]	Bypass piping is not leaking and is in adequate condition.
[ ]	[ ]	[X]	Bypass pumps are stable and are not leaking; fittings are secure.
[ ]	[ ]	[X]	Areas adjacent to hydraulic barriers are free of erosion or signs of instability.
[ ]	[ ]	[X]	Hydraulic barriers do not show evidence of damage caused by settlement, lateral movement, undermining, washout, and other hazards that could develop during excavation operations.
[ ]	[ ]	[X]	Bypass water is being discharged to an energy-dissipation area.

Run-Off Control Practices

Yes	No	NA	
2. Excavation Dewatering & Construction Water Management:			
[ ]	[ ]	[X]	Excavation area water is being pumped to the water treatment system.
[ ]	[ ]	[X]	Water from sediment handling pad and decontamination area is being pumped to the water treatment system.
[ ]	[ ]	[X]	Connections to treatment system are secure and show no signs of leaks.
[ ]	[ ]	[X]	Treated water is being discharged to an energy-dissipation area.

Sediment Control Practices

Yes	No	NA	
1. Stabilized Construction Entrance:			
[x]	[ ]	[ ]	Is stone clean enough to effectively remove mud from vehicles?
[x]	[ ]	[ ]	Installed per standards and specifications?
[ ]	[ ]	[x]	Does all traffic use the stabilized entrance to enter and leave construction site?
[x]	[ ]	[ ]	Is adequate drainage provided to prevent ponding at entrance?
2. Silt Fence/Straw Bale Dike:			
[X]	[ ]	[ ]	Joints constructed by wrapping the two ends together for continuous support.
[X]	[ ]	[ ]	Fabric buried 6 inches minimum below grade.
[X]	[ ]	[ ]	Posts are stable, fabric is tight and without rips or frayed areas.
[ ]	[ ]	[X]	Straw bales anchored in place with two support posts that are flush with top of bale.
[ ]	[ ]	[X]	Straw bales are firmly packed, unrotted, with intact bailing wire.
3. Oil Absorbent Booms			
[ ]	[ ]	[X]	Booms are anchored/secured in-place with no gaps between connecting booms.
[ ]	[ ]	[X]	Booms are adequate for the collection of oily sheens or product and are not spent.

Maintenance Activities/Corrective Actions Required to Address Observed Deficiencies: _____

No additional maintenance items were noted or are needed.

The site is in post remediation monitoring, with monthly inspections being conducted.

ATTACH PHOTOGRAPHS OF DEFICIENT AREAS/ITEMS OBSERVED DURING THE INSPECTION

Certified by Inspector:

Signature: _____ Date: 7/19/19

Figure 1- Erosion control at the Rt. 299 culvert remains intact



Figure 2- Erosion control at the former topsoil stockpile area remains intact. Growth in areas is slow or sparse. Reseeding has occurred sense the last inspection, please note that the recent over seeding was not done aggressively and will likely need more seeding this fall to reach 80% vegetative cover.



Figure 3- Erosion control along the former haul road can be removed.



Figure 4- Erosion control around the remainder of the site remains intact. New growth is sparse, reseeding was done on 7/18, please note that it was lightly applied and will likely need heavy application along with scaring the soil to reach 80% vegetative coverage.



APPENDIX F

Waste Documentation

Waste Transportation Log
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (tons)	Disposal Date	Actual Quantity (Tons)	Daily Quantity (Tons)
Impacted Sediment and Debris									
1001	6/28/2018	Ron Allen Trucking	309/301	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	6/28/2018	26.51	
1002	6/28/2018	Ron Allen Trucking	386/026	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	6/28/2018	31.52	
1003	6/28/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	6/28/2018	30.20	
1006	6/28/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	6/28/2018	33.48	
1007	6/28/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	6/28/2018	34.50	156.21
1004	6/28/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	6/29/2018	35.09	
1005	6/29/2018	Ron Allen Trucking	309/301	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	6/29/2018	27.68	
1008	6/28/2018	Ron Allen Trucking	074/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	6/29/2018	34.94	
1009	6/28/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	40	6/29/2018	31.40	
1010	6/29/2018	Ron Allen Trucking	386/026	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	6/29/2018	39.93	
1012	6/29/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	6/29/2018	39.36	
1013	6/29/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	6/29/2018	38.36	
1014	6/29/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	6/29/2018	40.63	287.39
1015	7/2/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/2/2018	29.21	
1016	7/2/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	7/2/2018	31.85	
1017	7/2/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/2/2018	26.06	
1018	7/2/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	7/2/2018	35.40	122.52
1019	7/23/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/23/2018	29.53	
1020	7/23/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/23/2018	38.18	
1021	7/23/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	30	7/23/2018	29.48	
1022	7/23/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/23/2018	32.55	129.74
1023	7/24/2018	Ron Allen Trucking	-	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/24/2018	30.53	
1024	7/24/2018	Ron Allen Trucking	-	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	32	7/24/2018	29.24	
1025	7/24/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/24/2018	32.04	
1026	7/24/2018	Ron Allen Trucking	344/302	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	30	7/24/2018	35.08	
1027	7/24/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	32	7/24/2018	30.26	
1028	7/24/2018	Ron Allen Trucking	-	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	30	7/24/2018	29.73	186.88
1029	7/25/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	7/25/2018	33.10	
1030	7/25/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	7/25/2018	36.88	
1031	7/25/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/25/2018	37.61	
1034	7/25/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/25/2018	30.47	138.06
1032	7/25/2018	Ron Allen Trucking	209/591	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/26/2018	35.45	
1035	7/25/2018	Ron Allen Trucking	091/854	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	7/26/2018	41.78	
1036	7/26/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	7/26/2018	40.52	
1037	7/26/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/26/2018	30.66	
1038	7/26/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	7/26/2018	31.45	
1039	7/26/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	7/26/2018	32.38	
1040	7/26/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	7/26/2018	37.87	
1041	7/26/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	7/26/2018	33.49	
1042	7/26/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	7/26/2018	34.78	318.38
1033	7/25/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	7/27/2018	28.90	
1043	7/26/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	7/27/2018	32.78	
1044	7/27/2018	Ron Allen Trucking	091/854	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	7/27/2018	36.94	
1045	7/27/2018	Ron Allen Trucking	209/591	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	7/27/2018	29.42	128.04
1047	8/1/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/1/2018	31.83	
1048	8/1/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/1/2018	32.85	

Waste Transportation Log
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (tons)	Disposal Date	Actual Quantity (Tons)	Daily Quantity (Tons)
Impacted Sediment and Debris									
1049	8/1/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/1/2018	31.61	
1050	8/1/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/1/2018	32.89	
1051	8/1/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/1/2018	35.26	
1052	8/1/2018	Ron Allen Trucking	079/370	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/1/2018	36.36	200.80
1053	8/2/2018	Ron Allen Trucking	091/854	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/2/2018	34.29	
1054	8/2/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/2/2018	32.31	
1055	8/2/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/2/2018	37.08	
1056	8/2/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/2/2018	32.59	
1059	8/2/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/2/2018	33.14	169.41
1060	8/3/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/3/2018	32.60	
1061	8/4/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/3/2018	30.35	
1062	8/3/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	32	8/3/2018	35.06	
1063	8/3/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/3/2018	34.15	
1065	8/3/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/3/2018	30.48	
1066	8/3/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/3/2018	32.56	195.20
1057	8/6/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/6/2018	37.10	
1058	8/6/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/6/2018	40.42	
1064	8/6/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/6/2018	36.40	
1068	8/6/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/6/2018	27.46	
1070	8/6/2018	Ron Allen Trucking	74/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/6/2018	34.26	175.64
1046	8/6/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/7/2018	42.71	
1067	8/6/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/7/2018	36.25	
1069	8/6/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/7/2018	32.76	
1071	8/6/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	32	8/7/2018	34.60	
1073	8/7/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/7/2018	35.65	
1074	8/7/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/7/2018	29.17	
1075	8/7/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/7/2018	37.45	
1076	8/7/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/7/2018	38.24	
1077	8/7/2018	Ron Allen Trucking	67/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	33	8/7/2018	32.37	
1078	8/7/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/7/2018	33.06	
1079	8/7/2018	Ron Allen Trucking	79/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/7/2018	36.66	
1080	8/7/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/7/2018	32.27	421.19
1072	8/6/2018	Ron Allen Trucking	91/854	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	33	8/8/2018	38.55	
1081	8/8/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/8/2018	35.29	
1082	8/8/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/8/2018	36.21	
1083	8/8/2018	Ron Allen Trucking	067/462	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	33	8/8/2018	31.83	
1085	8/8/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/8/2018	36.16	
1086	8/8/2018	Ron Allen Trucking	209/591	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/8/2018	32.25	
1087	8/8/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/8/2018	34.13	244.42
1084	8/8/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/9/2018	38.66	
1088	8/8/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/9/2018	34.06	
1089	8/8/2018	Ron Allen Trucking	079/370	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	39	8/9/2018	34.20	
1090	8/9/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/9/2018	32.86	
1091	8/9/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/9/2018	40.89	
1092	8/9/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/9/2018	32.97	
1093	8/9/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/9/2018	34.39	

Waste Transportation Log
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (tons)	Disposal Date	Actual Quantity (Tons)	Daily Quantity (Tons)
Impacted Sediment and Debris									
1095	8/9/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/9/2018	35.92	
1096	8/9/2018	Ron Allen Trucking	209/591	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/9/2018	33.89	317.84
1094	8/9/2018	Ron Allen Trucking	478/858	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/10/2018	34.15	
1098	8/10/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/10/2018	36.50	
1099	8/10/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/10/2018	33.56	
1100	8/10/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/10/2018	31.06	
1101	8/10/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/10/2018	36.89	
1102	8/10/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/10/2018	32.43	
1103	8/10/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/10/2018	31.54	
1104	8/10/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/10/2018	25.71	
1105	8/10/2018	Ron Allen Trucking	074/853	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/10/2018	39.36	
1106	8/10/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/10/2018	36.40	337.60
1097	8/10/2018	Bruce Weakling Trucking	BW30	Stumps	Senaca Meadows	20	8/13/2018	12.72	
1107	8/13/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/13/2018	31.59	
1108	8/13/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/13/2018	38.78	
1109	8/13/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/13/2018	37.31	
1110	8/13/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/13/2018	31.60	
1111	8/13/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/13/2018	37.61	
1112	8/13/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/13/2018	35.91	
1114	8/13/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/13/2018	33.51	
1115	8/13/2018	Ron Allen Trucking	209/591	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/13/2018	30.73	289.76
1113	8/13/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/14/2018	31.55	
1116	8/14/2018	Ron Allen Trucking	387/934	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/14/2018	39.07	
1117	8/14/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/14/2018	33.81	
1118	8/14/2018	Ron Allen Trucking	653/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/14/2018	35.92	
1119	8/14/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/14/2018	38.20	
1120	8/14/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/14/2018	38.22	
1121	8/14/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/14/2018	36.21	
1122	8/14/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/14/2018	34.33	
1123	8/14/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/14/2018	32.55	319.86
1124	8/14/2018	Ron Allen Trucking	79/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/15/2018	33.71	
1125	8/15/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/15/2018	32.76	
1126	8/15/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/15/2018	27.19	
1127	8/15/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/15/2018	40.08	
1128	8/15/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/15/2018	35.99	
1129	8/15/2018	Ron Allen Trucking	67/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/15/2018	38.30	
1130	8/15/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/15/2018	36.74	
1131	8/15/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/15/2018	32.34	
1132	8/15/2018	Ron Allen Trucking	74/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/15/2018	37.19	314.30
1133	8/15/2018	Bruce Weakly	30	Stumps	Senaca Meadows	18	8/16/2018	11.75	
1134	8/16/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/16/2018	35.99	
1135	8/16/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/16/2018	36.42	
1136	8/16/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/16/2018	34.23	
1137	8/16/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/16/2018	38.17	
1138	8/16/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/16/2018	31.97	
1139	8/16/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/16/2018	36.16	

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Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (tons)	Disposal Date	Actual Quantity (Tons)	Daily Quantity (Tons)
Impacted Sediment and Debris									
1140	8/16/2018	Ron Allen Trucking	79/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/16/2018	33.60	
1141	8/16/2018	Ron Allen Trucking	209/591	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/16/2018	28.68	286.97
1142	8/16/2018	Silverole Trucking	S-119/T-55	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/17/2018	36.48	
1143	8/16/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/17/2018	36.18	
1144	8/17/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/17/2018	34.53	
1145	8/17/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/17/2018	32.24	
1146	8/17/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/17/2018	40.04	
1147	8/17/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/17/2018	33.94	
1148	8/17/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/17/2018	32.13	
1149	8/17/2018	Ricelli Trucking	351/419	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/17/2018	31.68	
1150	8/17/2018	Ricelli Trucking	350/418	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/17/2018	32.06	
1151	8/17/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/17/2018	30.41	
1213	8/24/2018	Silverde Trucking	S-119/T-53	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/17/2018	38.76	378.45
1152	8/17/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/18/2018	35.87	35.87
1153	8/20/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/20/2018	36.17	
1154	8/20/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/20/2018	35.74	
1155	8/20/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/20/2018	35.38	
1156	8/20/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/20/2018	29.87	
1157	8/20/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/20/2018	38.79	
1158	8/20/2018	Ron Allen Trucking	079/936	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/20/2018	35.44	
1159	8/20/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/20/2018	31.15	
1160	8/20/2018	Riccelli Trucking	350/418	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/20/2018	32.64	
1161	8/20/2018	Riccelli Trucking	351/419	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/20/2018	33.59	
1162	8/20/2018	Ron Allen Trucking	478/485	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/20/2018	34.93	343.70
1163	8/20/2018	Goulet Trucking	01-5/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/21/2018	37.43	
1164	8/20/2018	Silverde Trucking	S-119/T-53	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/21/2018	36.14	
1165	8/21/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/21/2018	34.27	
1166	8/21/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/21/2018	34.74	
1167	8/21/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/21/2018	31.44	
1168	8/21/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/21/2018	31.44	
1169	8/21/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/21/2018	38.43	
1170	8/21/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/21/2018	37.26	
1171	8/21/2018	Ron Allen Trucking	524/588	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/21/2018	28.67	
1172	8/21/2018	Carson Transport	55/T-74	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/21/2018	35.57	
1173	8/21/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/21/2018	41.56	
1174	8/21/2018	Carson Transport	70/T-94	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/21/2018	36.66	423.61
1175	8/21/2018	Cedar Hill Trucking	130/-	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/22/2018	32.94	
1176	8/21/2018	Cedar Hill Trucking	124/-	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/22/2018	34.97	
1177	8/21/2018	Cedar Hill Trucking	17/-	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/22/2018	35.22	
1178	8/21/2018	Cedar Hill Trucking	128/98	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/22/2018	33.02	
1179	8/21/2018	Cedar Hill Trucking	77/-	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/22/2018	35.57	
1180	8/21/2018	Goulet Trucking	02-2/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/22/2018	33.97	
1183	8/22/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/22/2018	33.68	
1184	8/22/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/22/2018	40.37	
1185	8/22/2018	Ron Allen Trucking	524/588	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/22/2018	33.76	
1186	8/22/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/22/2018	35.36	

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Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (tons)	Disposal Date	Actual Quantity (Tons)	Daily Quantity (Tons)
Impacted Sediment and Debris									
1187	8/22/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/22/2018	39.94	
1188	8/22/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/22/2018	36.45	
1190	8/22/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/22/2018	37.14	462.39
1189	8/22/2018	Silverde Trucking	S-119/T-53	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/23/2018	36.49	
1191	8/22/2018	Cason Transport	56/T-95	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/23/2018	36.14	
1192	8/22/2018	Cason Transport	61/T-76	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/23/2018	36.15	
1193	8/22/2018	Cason Transport	66/T-91	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/23/2018	34.66	
1194	8/22/2018	Cason Transport	71/T-93	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/23/2018	38.88	
1195	8/22/2018	Goulet Trucking	18-9/T-148	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/23/2018	33.26	
1196	8/22/2018	Goulet Trucking	01-5/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/23/2018	35.75	
1197	8/22/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/23/2018	36.02	
1198	8/23/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/23/2018	35.37	
1199	8/23/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/23/2018	35.56	
1200	8/23/2018	Cason Transport	67/T-74	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/23/2018	35.86	
1201	8/23/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/23/2018	32.09	
1202	8/23/2018	Cason Transport	70/T-94	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/23/2018	36.07	
1203	8/23/2018	Ron Allen Trucking	524/588	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/23/2018	26.27	
1204	8/23/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/23/2018	37.57	
1205	8/23/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/23/2018	35.66	
1206	8/23/2018	Ron Allen Trucking	067/356	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/23/2018	29.02	
1209	8/24/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/23/2018	31.62	
1210	8/24/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	26	8/23/2018	31.10	653.54
1208	8/23/2018	Goulet Transport	01-5/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/24/2018	36.41	
1211	8/24/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/24/2018	27.59	
1212	8/24/2018	Ron Allen Trucking	307/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/24/2018	33.90	
1214	8/24/2018	Ron Allen Trucking	524/588	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/24/2018	26.90	
1215	8/24/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/24/2018	36.10	
1216	8/24/2018	Ron Allen Trucking	74/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/24/2018	34.29	
1217	8/24/2018	Cason Transport	68/86	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/24/2018	39.93	235.12
1207	8/23/2018	Bruce Weakly	BW30	Stumps	Senaca Meadows	19	8/25/2018	8.98	8.98
1218	8/24/2018	Cason Transport	56/T-95	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/27/2018	35.08	
1219	8/24/2018	Goulet Trucking	18-9/148	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/27/2018	33.75	
1220	8/24/2018	Goulet Trucking	09-9/138	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/27/2018	41.59	
1221	8/24/2018	Goulet Trucking	015/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/27/2018	35.87	
1223	8/27/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/27/2018	33.81	
1224	8/27/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/27/2018	34.80	
1225	8/27/2018	Ron Allen Trucking	524/388	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/27/2018	34.55	
1226	8/27/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/27/2018	37.68	
1227	8/27/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/27/2018	36.61	
1228	8/27/2018	Cason Trucking	67/265	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/27/2018	36.50	
1229	8/27/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/27/2018	34.34	
1230	8/27/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/27/2018	35.39	
1231	8/27/2018	Cason Trucking	70/T-94	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/27/2018	37.52	467.49
1232	8/27/2018	Cason Trucking	66/T-91	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/28/2018	33.69	
1233	8/27/2018	Goulet Trucking	01-5/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/28/2018	35.15	
1234	8/28/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/28/2018	34.53	

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Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (tons)	Disposal Date	Actual Quantity (Tons)	Daily Quantity (Tons)
Impacted Sediment and Debris									
1235	8/28/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/28/2018	31.73	
1236	8/28/2018	Ron Allen Trucking	524/588	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/28/2018	31.29	
1237	8/28/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/28/2018	35.96	
1238	8/28/2018	Cason Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/28/2018	34.84	
1239	8/28/2018	Ron Allen Trucking	68/T-86	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/28/2018	31.17	
1240	8/28/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/28/2018	33.89	
1241	8/28/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/28/2018	34.72	
1242	8/28/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/28/2018	35.26	372.23
1243	8/28/2018	Silverde Trucking	S-119/T-53	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/29/2018	38.14	
1244	8/28/2018	Goulet Trucking	01-5/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/29/2018	36.57	
1245	8/29/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/29/2018	34.38	
1246	8/29/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/29/2018	38.60	
1247	8/29/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/29/2018	33.35	
1248	8/29/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/29/2018	31.00	
1249	8/29/2018	Bruce Weakly Trucking	BW-30	Stumps	Senaca Meadows	18	8/29/2018	9.70	
1250	8/29/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/29/2018	37.95	
1251	8/29/2018	Ron Allen Trucking	524/588	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/29/2018	32.12	
1253	8/29/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/29/2018	34.03	
1254	8/29/2018	Cason Trucking	70/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/29/2018	36.02	
1255	8/29/2018	Cason Trucking	67/T-74	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/29/2018	36.54	398.40
1252	8/29/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/30/2018	38.76	
1256	8/29/2018	Cason Trucking	65/T-92	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	8/30/2018	41.08	
1257	8/29/2018	Goulet Trucking	01-5/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/30/2018	39.90	
1258	8/29/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/30/2018	36.42	
1260	8/30/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/30/2018	40.12	
1261	8/30/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/30/2018	43.84	
1262	8/30/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/30/2018	39.71	
1263	8/30/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/30/2018	37.91	
1264	8/30/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/30/2018	44.55	
1265	8/30/2018	Ron Allen Trucking	209/591	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/30/2018	33.53	
1266	8/30/2018	Ron Allen Trucking	289/857	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/30/2018	37.04	
1267	8/30/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/30/2018	35.33	
1270	8/30/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	8/30/2018	37.15	505.34
1259	8/30/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/31/2018	38.41	
1268	8/30/2018	Cason Transport	68/T-86	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/31/2018	32.27	
1269	8/30/2018	Silvarole Trucking	S-119/T-53	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	8/31/2018	40.86	
1271	8/30/2018	Cason Transport	56/T-95	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	8/31/2018	33.46	
1272	8/30/2018	Cason Transport	70/T-94	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	8/31/2018	34.38	179.38
1273	9/4/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	9/4/2018	33.65	
1274	9/4/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	9/4/2018	34.44	
1275	9/4/2018	Ron Allen Trucking	067/856	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	9/4/2018	37.20	
1276	9/4/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/4/2018	37.74	
1277	9/4/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	9/4/2018	32.54	
1278	9/4/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	9/4/2018	42.39	
1279	9/4/2018	Ron Allen Trucking	074/853	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	9/4/2018	37.47	
1280	9/4/2018	Cason Transport	67/T-74	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	9/4/2018	36.66	

Waste Transportation Log
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (tons)	Disposal Date	Actual Quantity (Tons)	Daily Quantity (Tons)
Impacted Sediment and Debris									
1281	9/4/2018	Goulet Trucking	12-4/T-139	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/4/2018	36.57	
1282	9/4/2018	Ron Allen Trucking	478/885	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	9/4/2018	36.32	364.98
1283	9/4/2018	Silvarole Trucking	S-119/T-53	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	9/5/2018	41.29	
1284	9/4/2018	Goulet Trucking	01-5/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/5/2018	39.90	
1285	9/5/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/5/2018	35.74	
1286	9/5/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	9/5/2018	38.17	
1287	9/5/2018	Ron Allen Trucking	65/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/5/2018	36.50	
1288	9/5/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/5/2018	36.65	
1289	9/5/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	9/5/2018	36.20	
1290	9/5/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	9/5/2018	33.12	297.57
1291	9/5/2018	Cason Transport	67/T-74	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	9/6/2018	38.41	
1292	9/5/2018	Goulet Trucking	01-5/T-99	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/6/2018	40.22	
1293	9/6/2018	Ron Allen Trucking	209/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	9/6/2018	29.12	
1294	9/6/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/6/2018	31.81	
1295	9/6/2018	Ron Allen Trucking	652/662	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	9/6/2018	38.59	
1296	9/6/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	9/6/2018	39.77	
1297	9/6/2018	Goulet Trucking	10-5/T107	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/6/2018	34.83	
1298	9/6/2018	Ron Allen Trucking	074/855	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	9/6/2018	37.88	
1299	9/6/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	9/6/2018	38.24	
1300	9/6/2018	Ron Allen Trucking	91/854	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	9/6/2018	33.93	362.80
1301	9/6/2018	Silvarole Trucking	S-119/T-53	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	9/7/2018	40.30	
1302	9/6/2918	Cason Trucking	66/T-91	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	9/7/2018	39.10	79.40
1303	11/5/2018	Ron Allen Trucking	16321-1C	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	11/5/2018	38.99	
1304	11/5/2018	Ron Allen Trucking	386/858	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	11/5/2018	37.99	
1305	11/5/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	11/5/2018	29.82	
1306	11/5/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	11/5/2018	31.15	137.95
1307	11/6/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/6/2018	35.24	
1308	11/6/2018	Ron Allen Trucking	387/749	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/6/2018	34.93	
1309	11/6/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	11/6/2018	36.15	
1310	11/6/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/6/2018	31.45	137.77
1321	11/7/2018	Ron Allen Trucking	344	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	11/7/2018	47.10	
1323	11/7/2018	Ron Allen Trucking	556/886	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/7/2018	28.99	76.09
1312	11/8/2018	Ron Allen Trucking	079/932	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	11/8/2018	34.26	
1313	11/8/2018	Ron Allen Trucking	388/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	11/8/2018	35.91	
1314	11/8/2018	Ron Allen Trucking	531/587	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	34	11/8/2018	20.86	
1315	11/8/2018	Ron Allen Trucking	344/032	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/8/2018	33.11	
1316	11/8/2018	Ron Allen Trucking	324/538	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	11/8/2018	28.33	152.47
1181	11/9/2018	Ron Allen Trucking	478	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows		11/9/2018	29.20	
1318	11/9/2018	Ron Allen Trucking	386/848	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	11/9/2018	39.58	
1319	11/9/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	11/9/2018	34.70	103.48
1324	11/15/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	11/15/2018	41.67	

Waste Transportation Log
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (tons)	Disposal Date	Actual Quantity (Tons)	Daily Quantity (Tons)
Impacted Sediment and Debris									
1325	11/15/2018	Ron Allen Trucking	308/030	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	37	11/15/2018	37.28	
1326	11/15/2018	Ron Allen Trucking	387/849	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	38	11/15/2018	37.40	116.35
1182	11/19/2018	Ron Allen Trucking		NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/19/2018	35.58	
1311	11/19/2018	Ron Allen Trucking	309/031	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	36	11/19/2018	36.27	
1327	11/19/2018	Ron Allen Trucking	308/30	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/19/2018	37.16	
1329	11/19/2018	Ron Allen Trucking	517/586	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/19/2018	37.64	146.65
1330	11/20/2018	Ron Allen Trucking	309/31	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/20/2018	30.69	
1331	11/20/2018	Ron Allen Trucking	308/300	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS	Senaca Meadows	35	11/20/2018	28.05	58.74
1332	11/29/2018	Abscope Environmental	--	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS (Dam Material)	Senaca Meadows	35	11/29/2018	12.00	12.00
1333	11/29/2018	Abscope Environmental	--	NON-RCRA NON DOT REGULTATED SOLIDS NON HAZARDOUS (Dam Material)	Senaca Meadows	10	11/30/2018	18.11	18.11
							Total Quantiy	**11,269.07**	**11,269.07**
							Total Number	**327**	**47**

Ticket Number	Date Loaded	Transporter Name	Truck Number	Type of Material	Destination Facilitiy	Estimated Quantity (gallons)	Disposal Date	Actual Quantity (gallons)	Daily Quantity (gallnns)
Liquid Waste									
1861112	10/25/2018	Tradebe Transportation, LLC	--	NONDOT / NON RCRA REGULATED MATERIAL	Tradebe T&R of Bridgeport, LLC	5000	10/25/2018	5000	
1861113	10/25/2018	Tradebe Transportation, LLC	--	NONDOT / NON RCRA REGULATED MATERIAL	Tradebe T&R of Bridgeport, LLC	5000	10/25/2018	5000	10000
1866850	10/26/2018	Tradebe Transportation, LLC	28 / 17	NONDOT / NON RCRA REGULATED MATERIAL	Tradebe T&R of Bridgeport, LLC	2500	10/26/2018	2500	2500
							Total Quantiy	**12,500**	**12,500**

Waste Characterization Data Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Sample ID Lab ID Date Sampled	Units	CHGE-WC02-080318 180803057-001 8/3/2018	CHGE-WC02-080318 180817009-001 8/16/2018	CHGE-WC05-082718 180823058-001 8/23/2018	CHGE-WC05-082718 180827062-001 8/27/2018	CHGE-WC06-083018 180830057-001 8/30/2018
TCLP Herbicides (EPA 8321B)						
2,4,5-TP (Silvex)	mg/L	ND	ND	ND	ND	ND
2,4-D	mg/L	ND	ND	ND	ND	ND
TCLP Pesticides (EPA 8081B)						
Chlordane	mg/L	ND	ND	ND	ND	ND
Endrin	mg/L	ND	ND	ND	ND	ND
gamma-BHC(Lindane)	mg/L	ND	ND	ND	ND	ND
Heptachlor epoxide	mg/L	ND	ND	ND	ND	ND
Heptachlor	mg/L	ND	ND	ND	ND	ND
Methoxychlor	mg/L	ND	ND	ND	ND	ND
Toxaphene	mg/L	ND	ND	ND	ND	ND
Metals (EPA 6010C / SW 7471B)						
Arsenic	mg/kg	2.00	5.41	4.03	5.54	ND
Barium	mg/kg	152	83.1	92.7	89.3	51.9
Cadmium	mg/kg	0.970	1.82	1.27	1.43	ND
Chromium	mg/kg	26.9	20.5	20.1	21.1	15.8
Lead	mg/kg	15.6	25.2	24.5	31.8	40.1
Selenium	mg/kg	ND	ND	ND	ND	ND
Silver	mg/kg	ND	ND	ND	ND	ND
Mercury	mg/kg	0.104	0.073	0.058	0.093	0.066
TCLP Metals (SW1311/6010C/7470A)						
Arsenic	mg/L	ND	ND	ND	ND	ND
Barium	mg/L	0.47	0.329	0.454	0.422	0.324
Cadmium	mg/L	ND	ND	ND	ND	ND
Chromium	mg/L	ND	ND	ND	ND	ND
Lead	mg/L	ND	0.299	ND	ND	ND
Selenium	mg/L	ND	ND	ND	ND	ND
Silver	mg/L	ND	ND	ND	ND	ND
Mercury	mg/L	ND	ND	ND	ND	ND
TCLP Semi-Volatiles as Totals (EPA 8270D)						
4-Methylphenol & 3-Methlyphenol	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	mg/kg	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	mg/kg	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	mg/kg	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	mg/kg	ND	ND	ND	ND	ND
Hexachlorobenzene	mg/kg	ND	ND	ND	ND	ND
Hexachlorobutadiene	mg/kg	ND	ND	ND	ND	ND
Hexachloroethane	mg/kg	ND	ND	ND	ND	ND
Nitrobenzene	mg/kg	ND	ND	ND	ND	ND
Pentachlorophenol	mg/kg	ND	ND	ND	ND	ND
Pyridine	mg/kg	ND	ND	ND	ND	ND
2-Methylphenol	mg/kg	ND	ND	ND	ND	ND
TCLP Volatiles as Totals (EPA 8260C; SW5035A PREP)						
1,1-Dichloroethene	mg/kg	ND	ND	ND	ND	ND
1,2-Dichloroethane	mg/kg	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	mg/kg	ND	ND	ND	ND	ND
2-Butanone	mg/kg	ND	ND	ND	ND	ND
Benzene	mg/kg	ND	ND	ND	ND	ND
Carbon tetrachloride	mg/kg	ND	ND	ND	ND	ND
Chlorobenzene	mg/kg	ND	ND	ND	ND	ND
Chloroform	mg/kg	ND	ND	ND	ND	ND
Tetrachloroethene	mg/kg	ND	ND	ND	ND	ND
Trichloroethene	mg/kg	ND	ND	ND	ND	ND
Vinyl chloride	mg/kg	ND	ND	ND	ND	ND
Other Properties						
Moisture Content	%	31.4	32.3	21.9	31.2	22.5
Flash Point	deg F	>200	NA	NA	NA	NA
Ignitability	--	NA	Not Ignitable	Not Ignitable	Not Ignitable	Not Ignitable
Free Liquid	--	Negative	Negative	Negative	Negative	Negative
Reactive Cyanide	mg/kg	ND	ND	ND	ND	ND
Reactive Sulfide	mg/kg	ND	ND	ND	ND	ND
Reactivity	--	Non Reactive	Non Reactive	Non Reactive	Non Reactive	Non Reactive
Total Solids	%	68.6	67.7	78.1	68.8	77.5

Waste Characterization Data Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Sample ID Lab ID Date Sampled	Units	CHGE-WC07-090518 180905048-001 9/5/2018	CHGE-WC08-091718 180919066-001 9/17/2018	CHGE-WC09-091818 180919066-002 9/18/2018	CHGE-WC10-091918 180919066-003 9/19/2018
TCLP Herbicides (EPA 8321B)					
2,4,5-TP (Silvex)	mg/L	ND	ND	ND	ND
2,4-D	mg/L	ND	ND	ND	ND
TCLP Pesticides (EPA 8081B)					
Chlordane	mg/L	ND	ND	ND	ND
Endrin	mg/L	ND	ND	ND	ND
gamma-BHC(Lindane)	mg/L	ND	ND	ND	ND
Heptachlor epoxide	mg/L	ND	ND	ND	ND
Heptachlor	mg/L	ND	ND	ND	ND
Methoxychlor	mg/L	ND	ND	ND	ND
Toxaphene	mg/L	ND	ND	ND	ND
Metals (EPA 6010C / SW 7471B)					
Arsenic	mg/kg	ND	ND	ND	ND
Barium	mg/kg	11.7	75.5	78.3	91.1
Cadmium	mg/kg	ND	0.659	0.682	0.641
Chromium	mg/kg	2.28	17.7	15.9	18.1
Lead	mg/kg	2.09	16	16.1	22.4
Selenium	mg/kg	ND	ND	ND	ND
Silver	mg/kg	ND	ND	ND	ND
Mercury	mg/kg	0.091	0.081	0.064	0.078
TCLP Metals (SW1311/6010C/7470					
Arsenic	mg/L	ND	ND	ND	ND
Barium	mg/L	0.357	0.341	0.321	0.354
Cadmium	mg/L	ND	ND	ND	ND
Chromium	mg/L	ND	ND	ND	ND
Lead	mg/L	ND	0.064	0.052	0.051
Selenium	mg/L	ND	ND	ND	ND
Silver	mg/L	ND	ND	ND	ND
Mercury	mg/L	ND	ND	ND	ND
TCLP Semi-Volatiles as Totals (EP					
4-Methylphenol & 3-Methlyphenol	mg/kg	1.68	ND	ND	ND
1,4-Dichlorobenzene	mg/kg	ND	ND	ND	ND
2,4,5-Trichlorophenol	mg/kg	ND	ND	ND	ND
2,4,6-Trichlorophenol	mg/kg	ND	ND	ND	ND
2,4-Dinitrotoluene	mg/kg	ND	ND	ND	ND
Hexachlorobenzene	mg/kg	ND	ND	ND	ND
Hexachlorobutadiene	mg/kg	ND	ND	ND	ND
Hexachloroethane	mg/kg	ND	ND	ND	ND
Nitrobenzene	mg/kg	ND	ND	ND	ND
Pentachlorophenol	mg/kg	ND	ND	ND	ND
Pyridine	mg/kg	ND	ND	ND	ND
2-Methylphenol	mg/kg	ND	ND	ND	ND
TCLP Volatiles as Totals (EPA 826					
1,1-Dichloroethene	mg/kg	ND	ND	ND	ND
1,2-Dichloroethane	mg/kg	ND	ND	ND	ND
1,4-Dichlorobenzene	mg/kg	ND	ND	ND	ND
2-Butanone	mg/kg	ND	ND	ND	ND
Benzene	mg/kg	ND	ND	ND	ND
Carbon tetrachloride	mg/kg	ND	ND	ND	ND
Chlorobenzene	mg/kg	ND	ND	ND	ND
Chloroform	mg/kg	ND	ND	ND	ND
Tetrachloroethene	mg/kg	ND	ND	ND	ND
Trichloroethene	mg/kg	ND	ND	ND	ND
Vinyl chloride	mg/kg	ND	ND	ND	ND
Other Properties					
Moisture Content	%	24.1	29.4	26.7	26.7
Flash Point	deg F	NA	NA	NA	NA
Ignitability	--	Not Ignitable	Not Ignitable	Not Ignitable	Not Ignitable
Free Liquid	--	Negative	Negative	Negative	Negative
Reactive Cyanide	mg/kg	ND	ND	ND	ND
Reactive Sulfide	mg/kg	32	12	ND	ND
Reactivity	--	Non Reactive	Non Reactive	Non Reactive	Non Reactive
Total Solids	%	75.9	70.6	73.3	73.3

Waste Characterization Data Summary
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Note:

1. Samples collected by Abscope Environmental Services and analyzed by Adirondack Environmental Services, Inc.

Acronyms and Abbreviations:

mg/kg = milligrams per kilogram
deg F = degrees Fahrenheit
mg/L = milligrams per liter
% = percent

Seneca Meadows, Inc.

1786 Salcman Road
Waterloo, NY 13165
(315) 539-5624
Fax: (315) 539-0653

25 May 2018

John Lemessurier
Abscope Environmental Inc.
7086 Commercial Drive
Canastota, NY 13032

ATTENTION: MR.LEMESSURIER

SUBJECT: CENTRAL HUDSON GAS AND ELECTRIC

20 SOUTH ST. LLOYD, NY 12651

Dear Mr. LEMESSURIER :

Seneca Meadows Inc. has reviewed the submitted analytical data for 20 SOUTH ST. LOYD, NY. The analytical results submitted to Seneca Meadows Landfill were reviewed and found to be within our limits to accept the soils for disposal with one contingency:

- The results of the outstanding TCLP RCRA Metals, Reactivity, Flash Point and paint filter testing fall within our within Seneca Meadow's limits of acceptability.

Sincerely,
SENECA MEADOWS, INC.

William Neuman
Environmental Specialist I

cc: David Pannucci
Kyle Black

Seneca Meadows, Inc.
1786 Salcman Road
Waterloo, NY 13165
NYS DEC Facility #50S08
Telephone: 315-539-5624
Industrial Waste Fax: 315-539-0557
E-mail: david.pannucci@wasteconnections.com

File Number: _____

Generators Industrial Waste Profile
Non Hazardous Waste Only

This form is for disposal of Non Hazardous Waste at the Seneca Meadows Landfill only
NYSDEC Permit #8-4532-00023/00001-0

This form must be completed by the generator only

Generator's Name: Central Hudson Gas and Electric			
Mailing Address: 284 South Avenue	City: Poughkeepsie	State: NY	Zip: 12601
Contact Person: Chris DeRoberts	Title: Environmental Coordinator		
Phone: (845) 486-5734	Fax/E-mail: (845) 486-5984/cderoberts@cenhud.com		
EPA ID#: NYD000705905	State ID#: 356045		

Facility Generating Waste:

Mailing Address: 20 South Street	City: Lloyd	State: NY	Zip: 12561
Contact Person: Chris DeRoberts	Title: Environmental Coordinator		
Phone: (845) 486-5734	Fax/E-mail: (845) 486-5984/cderoberts@cenhud.com		

Authorized Hauler (Primary):

Name: Ron Allen Trucking, Inc.	NYS Permit #: 4A-370		
Mailing Address: 361 East Main Street	City: Canajoharie	State: NY	Zip: 13317
Contact Person: Tom Logan	Title: Estimator		
Phone: (518) 763-3617	Fax/E-mail:		

Waste Characterization:

Name of waste: Impacted Sediment	Description of waste: PCB or PAH within wetland sediment and debris; wood chips, leaf-litter, roots, etc.
Process that generated waste: Discharge from property outfall	

Does this facility generate any hazardous waste? ☐ YES ☒ NO

If hazardous wastes are generated, does management feel that adequate controls are in place to control/separate waste streams? (if answer is no, a detailed explanation must be attached) ☒ YES ☐ NO

Reference previously performed Analytical Data already provided to Seneca Meadows on 3/23/18.

Certification of Representative Sample

Seneca Meadows File Number: _____

Generator's name: Central Hudson Gas and Electric	
Waste name:	
Sampler's name:	
Sample date:	Sample time:

NOTE: This sample must be received by the lab within 24 hours

It is critical that the testing laboratory receive a representative sample of the waste stream that you intend to dispose of at Seneca Meadows Landfill. Please follow the instructions very carefully.

Sample Collection Process:

- Must be done by your consultant or selected laboratory representative
- Sample must be kept cold (placed in ice pack)
- Amount of samples required is one (1) container. However, we may require a semi-annual testing of the waste stream sample if the quantity exceeds 5,000 (thousand) tons per year

Samples required – One time only approvals:

1 – 200 tons	One (1) sample required
201 – 500 tons	Two (2) samples required
501 – 1,000 tons	Three (3) samples required
1,001 – 2,000 tons	Four (4) samples required
Over 2,000 tons	Determined by Seneca Meadows

Lab Selection:

We will have our waste stream analysis completed by:

Laboratory Name:			
Mailing Address:	City:	State:	Zip:
Contact Person:	Title:		
Phone:	Fax/E-mail:		

Sample Certification:

I hereby certify that I personally collected a representative sample of waste stream at the location, time and date as listed above.

Signature: _____ Date: _____

Laboratory: _____

Generator Witness: _____

General Information

Seneca Meadows File Number: _____

Physical Characteristic:

☒ Solid ☐ Sludge Minimum % of solids 90 for waste stream

NOTE: Acceptable level of solids must exceed 20% and have no free liquids

Odor:

☒ None ☐ Mild ☐ Strong

Transportation:

☐ Roll Off ☒ Trailer ☐ Packer
☐ Other _____

NOTE: No drums are acceptable

☐ One time only ☒ On going

Approximate amount: _____ tons Amount of monthly 4,100 tons

What is the maximum tonnage for any given day: 165 tons

Briefly describe any special handling that could be required for this waste item:
(dust, protective clothing...) Level D or C PPE for handling.

Generators certification to Seneca Meadows landfill

(Please Initial)

I / we hereby certify that all of the information that we have presented to Seneca Meadows, Inc. on this form or any attachments is an accurate representation of our waste stream.

I / we hereby certify that the laboratory can contact Seneca Meadows, Inc. directly to discuss this waste stream.

I / we hereby certify that the waste stream that we are applying for disposal at Seneca Meadows, Inc. is not a listed or known hazardous waste. In addition, none of the components of the process, or any residue generated are known to be a hazardous, radioactive, or contain regulated concentrate of polychlorinated biphenyles (PCBs)[1] waste streams.

I / we hereby agree that any charges in this waste stream, either in process method, changes of any of the components, or laboratory data received, that we will notify Seneca Meadows, Inc. in writing within 24 hours of our findings (*Fax is the preferred method of notification*).

Name: Chris DeRoberts Signature: _____

Title: Environmental Coordinator Date: 4/16/18

Industrial Waste Characterization Information

Section One - General project information (please complete in full)

If not applicable, denote with "NA"

Site / Project Engineering Company: NA			
Mailing Address: NA	City: NA	State: NA	Zip: NA
Contact Person: NA	Title: NA		
Phone: NA	Fax/E-mail: NA		

General Contractor: Abscope Environmental, Inc.			
Mailing Address: 7086 Commercial Drive	City: Canastota	State: NY	Zip: 13032
Contact Person: Jon LeMessurier	Title: Project Engineer		
Phone: (315) 697-8437	Fax/E-mail: (315) 697-9391/jlemessurier@abscope.com		

Seneca Meadows Customer to be Billed: Abscope Environmental, Inc.			
Mailing Address: 7086 Commercial Drive	City: Canastota	State: NY	Zip: 13032
Contact Person: Jon LeMessurier	Title: Project Engineer		
Phone: (315) 697-8437	Fax/E-mail: (315) 697-8437/jlemessurier@abscope.com		
Name:	**Signature:**		

Site Owner: Central Hudson Gas and Electric			
Mailing Address: 284 South Avenue	City: Poughkeepsie	State: NY	Zip: 12601
Contact Person: Chris DeRoberts	Title: Environmental Coordinator		
Phone: (845) 486-5734	Fax/E-mail: (845) 486-5984/cderoberts@cenhud.com		

Is the material a listed hazardous waste? ☐ YES ☒ NO

Description of the waste: PCB and PAH-impacted soils made up of clay, silt, sand, and wetland vegetation.

NYSDEC Waste Type Code: N - G42 Comments: _____

Section Two - Site information (please complete in full)

If not applicable, denote with "NA"

Was the site ever suspected of having hazardous materials? ☐ YES ☒ NO

If so, what was the source of the potential hazardous materials? _____

Which compounds were suspected? _____

Has testing been performed to quantify these compounds? ☐ YES ☒ NO

Who prepared the sampling and analysis program?

Company Name: NA			
Mailing Address: NA	City: NA	State: NA	Zip: NA
Contact Person: NA	Title: NA		
Phone: NA	Fax/E-mail: NA		

Was the program reviewed by the NYSDEC and NYDOH officials prior to installation? ☒ YES ☐ NO

Was the program approved? ☒ YES ☐ NO

Please attach any available analytical data (*including Chain of Custody Record*): Analytical Data has already been provided.

What conclusions were made regarding the laboratory data? Please see Analytical Data that was previously provided to Seneca Meadow's, managers.

Is the site a registered Superfund Site? ☐ YES ☒ NO

If so, place Site Registration Number here: _____

Will copies of the scale manifest / tickets be required? ☒ YES ☐ NO

NOTE: Seneca Meadows, Inc. may have to charge a nominal administrative fee for providing this information at a later date, if not notified appropriately herein

Additional comments, handling precautions or supplemental information:
The amount of material departing the site currently is an estimate. As the project starts and starts removing material, the numbers could adjust.

[1]PCB levels are below 50ppm which allows it to be disposed of at Seneca Meadows landfill. This was discussed with Seneca Meadows personnel who approved the disposal after they reviewed the analytical data.

Tradebe Environmental Services, LLC

1433 E 83rd Ave, Suite 200
Merrillville, IN 46410
www.tradebeusa.com

Waste Stream Profile Approval Letter

October 18, 2018

ROBERT GRAY
Abscope Environmental Inc
PO Box 487
Canastota NY 13032

Dear ROBERT GRAY

Tradebe Environmental Services wishes to inform you that the waste stream profile(s) below has been approved for shipment into TTR NORTHEAST, LLC located in Bridgeport, CT.

Profile Number:	1000195564
Profile Name:	NON RCRA NON DOT REG LIQ (EXCAV WATER)
Generator Name:	CENTRAL HUDSON GAS & ELECTRIC 21 SOUTH STREET, HIGHLAND, NY 12528
DOT Description:	NON DOT / NON RCRA REGULATED MATERIAL
Waste Codes:	
EPA Management Code:	
Process Code:	PCBOB
Special Requirements:	

Terms:

In accordance with 40 CFR 264.12(b) "Required Notice" and the State´s equivalent regulation, Tradebe Environmental Services, LLC is informing the Generator, Tradebe´s designated Facilities have the appropriate permit(s) for the approved listed waste stream profile and will accept the waste stream as described by the Generator/Broker, including but not limited to the Generator's Waste Stream Profile Sheet that was completed in accordance with 40 CFR 262.11 "Hazardous Waste Determination" and/or their State´s regulatory equivalent. If at any time the waste is found to contain constituents, properties, or concentrations inconsistent with the information supplied by the Generator/Broker, title to such waste shall not pass to Tradebe Environmental Services, LLC and in addition to a Rejection of the non-conforming waste, you shall be liable for all direct, indirect, and consequential damages incurred by Tradebe Environmental Services, LLC. Tradebe Environmental Services, LLC reserves the right, in its sole discretion, to utilize processes within RCRA environmental standards alternate to the process code stated above to process the waste listed on this approval letter.

To facilitate the expedited receipt and processing of the above waste, Tradebe Environmental Services, LLC requires that the above listed Waste Stream Number appear on each shipping document (Block 14 on the Uniform Hazardous Waste Manifest, Block 13 on the Nonhazardous Waste Manifest, or Description of Articles on a Bill of Lading).

Please contact our Customer Service Department at (888) 276-0887 to schedule or if you have any questions or comments regarding your waste stream.

Thank you for the opportunity to serve your environmental needs.

Kirk McCracken

Kirk McCracken, Approvals Manager

APPENDIX G

Project Photograph Log

2018 PROJECT PHOTOGRAPH LOG

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Wetland Remediation



Photograph 1: 2018-05-15_Construction Entrance Installation (courtesy of Abscope)



Photograph 2: 2018-05-16_Sediment Handling Pad Under Construction (courtesy of Abscope)



Photograph 3: 2018-05-17_Water Treatment Pad Installation (courtesy of Abscope)



Photograph 4: 2018-06-12_Chipping Logs (courtesy of Abscope)



Photograph 5: 2018-06-12_Installation of Mat Road



Photograph 6: 2018-06-14_Bypass System Installation



Photograph 7: 2018-06-19_discharge Culvert dam



Photograph 8: 2018-06-20_South Street Culvert Bypass (Pre-Excavation)



Photograph 9: 2018-06-21_Compost Sock Installed In Place of AquaDam



Photograph 10: 2018-06-22_Dewatering Sump in Excavation Limits



Photograph 11: 2018-06-25_CAMP



Photograph 12: 2018-06-26_Excavation at Discharge Culvert

2018 PROJECT PHOTOGRAPH LOG

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Wetland Remediation



Photograph 13: 2018-06-26_Excavation at Downstream End



Photograph 14: 2018-06-27_Excavation of Area by Discharge Culvert



Photograph 15: 2018-07-02_NE Culvert Bypass



Photograph 16: 2018-07-03_Emabyment Area



Photograph 17: 2018-07-20_Excavation



Photograph 18: 2018-07-24_Excavation Area



Photograph 19: 2018-07-26_Flooded Excavation



Photograph 20: 2018-07-31_Excavation Cell R



Photograph 21: 2018-08-02_Covering Cell Q



Photograph 22: 2018-08-06_Truck Loading



Photograph 23: 2018-08-07_Embayment Area Excavation



Photograph 24: 2018-08-08_Installing Flow Through Plug



Photograph 25: 2018-08-09_Adding CKD to Materials



Photograph 26: 2018-08-16_South Street Culvert Dam After Excavation



Photograph 27: 2018-08-22_Excavation (courtesy of Abscope)



Photograph 28: 2018-08-30_Boulders in Cell H Remain



Photograph 29: 2018-08-30_Completed Excavation



Photograph 30: 2018-08-30_Vegetation in Excavation



Photograph 31: 2018-09-07_Removal of Access Road for Decon



Photograph 32: 2018-09-17_Herbicide Application



Photograph 33: 2018-09-19_Boulders Deconned



Photograph 34: 2018-09-27_Secondary Discharge Area



Photograph 35: 2018-10-08_Backfill Cell H



Photograph 36: 2018-10-08_Culvert Extension



Photograph 37: 2018-10-09_Stockpile Load out



Photograph 38: 2018-10-12_Plug Installation



Photograph 39: 2018-10-15_Cleaning Out TWTS Tank



Photograph 40: 2018-10-16_Temporary Discharge Line During NYSDOT Culvert Installation



Photograph 41: 2018-10-22_Placing Fill in Deep Excavation at Discharge Culvert



Photograph 42: 2018-10-24_Channel Fill and Topsoil Placement



Photograph 43: 2018-10-26_Placement of Channel Material (courtesy of Abscope)



Photograph 44: 2018-10-30_Channel and Coir Log Installation



Photograph 45: 2018-11-01_Backfill at Discharge Culvert Extension



Photograph 46: 2018-11-01_Microdepression Installation



Photograph 47: 2018-11-05_Installing Channel Ponded Sediment



Photograph 48: 2018-11-07_Sediment Handling Pad Consolidation



Photograph 49: 2018-11-07_Tree Installation



Photograph 50: 2018-11-08_Placing Channel Fill in Cell O



Photograph 51: 2018-11-14_topsoil complete in Cell R



Photograph 52: 2018-11-15_Beaver Dam Construction



Photograph 53: 2018-11-16_Tree Installation (courtesy of Abscope)



Photograph 54: 2018-11-27_Instlaled Coir Logs at Former Beaver Dam



Photograph 55: 2018-12-12_Access Road Restored



Photograph 56: 2018-12-12_Bypass Pump Pad Being Restored



Photograph 57: 2018-12-12_Installed Coir Logs at Beaver Dam



Photograph 58: 2018-12-12_Seeded Gravel Shoulder Per DEC



Photograph 59: 2018-12-12_Staging Area Restored



Photograph 60: 2018-12-12_Trees With Collars Installed

2018 PROJECT PHOTOGRAPH LOG

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Wetland Remediation



Photograph 61: July 2, 2018 Aerial
(Taken by BestAerialPhotos)



Photograph 62: August 8, 2018 Aerial
(Taken by BestAerialPhotos)



Photograph 63: September 18, 2018 Aerial
(Taken by Hudson Valley Aerial Photos, LLC)



Photograph 64: October 18, 2018 Aerial
(Taken by BestAerialPhotos)



Photograph 65: November 11, 2018 Aerial
(Taken by BestAerialPhotos)



Photograph 66: December 19, 2018 Aerial
(Taken by BestAerialPhotos)

2019 PROJECT PHOTOGRAPH LOG

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Wetland Remediation



Photograph 1: 2019-06-11_ Delivered Replacement Containerized Trees and Shrubs



Photograph 2: 2019-06-11_American Sycamore and Pin Oak Plantings



Photograph 3: 2019-06-11_Black Willow and Arrowwood Plantings



Photograph 4: 2019-06-13_Installation of 8-Foot Herbivory Exclusion Fencing.



Photograph 5: 2019-06-13_Herbivory Protection Installed on Trees



Photograph 6: 2019-06-13_Installation of Herbaceous Plugs in Deep Emergent Area

2019 PROJECT PHOTOGRAPH LOG

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Wetland Remediation



Photograph 7: 2019-06-13_Delivered Cattail Plugs



Photograph 8: 2019-06-25_Micro-Depression Plugged with Burr Reed



Photograph 9: 2019-06-25_Herbaceous Plugs Installed in Deep Emergent Area



Photograph 10: 2019-07-18_Restored Channel



Photograph 11: 2019-07-18_Vegetative Cover from Seeding and Natural Recruitment



Photograph 12: 2019-07-18_New Coir Log Installed Downstream of "Beaver Dam" Area to Address Erosion

APPENDIX H

Imported Materials Documentation

No. 2 Stone

CALLANAN est. 1883
Safety · Quality · Service
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

January 23, 2018

Abscope Environmental Inc.
PO Box 487
Canastota, NY 13032

Attn: Jon LeMessurier
Re: Eltings Corners

Dear Mr. LeMessurier:

As they are produced by our East Kingston source, Washed NYSDOT #2 Stone, Blended #3 Stone & #4 Stone, Type 2 Sub base and Select Granular Fill are manufactured to meet New York State Department of Transportation Standard Specifications.

Our East Kingston source (8-15RS) was approved by the NYSDOT under test number 15AR23S and that test result indicating source quality is attached. Also attached, please find a typical gradation for Washed NYSDOT #2 Stone, Blended #3 Stone & #4 Stone, Type 2 Sub base and Select Granular Fill.

If you have any questions or require additional information, please contact me at 518.374.2222 or at cvanpatten@callanan.com.

Very truly yours,
CALLANAN INDUSTRIES INC.

Colleen VanPatten
Quality Control Department

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **8- 15RS** TEST #: **15AR 23S** BR3a SERIAL #: **186746** SM LAB #: **15014982**

Callanan Industries, Inc.
Kingston, NY

On 06/25/15 results of tests on material represented by sample 186746 were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle $MgSO_4$			
25 Cycle 3% freeze -thaw UCVC		53	
% Non-carbonate		3.7	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue		48.9	
L.A. Abrasion			

Bulk Specific Gravity SSD	2.67
Bulk Specific Gravity	2.654
Apparent Specific Gravity	2.708
Absorption	0.7

Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes

COMPOSITION (Size No.)	%

COMPOSITION (Size No. 1)	%
Limestone	95.5
Graywacke	3
Calcite	0.8
Chert	0.7

CALLANAN INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00131-East Kingston Aggregate
Product 1027-#2 Crushed Washed Stone
Specification NYSDOT 2

1637662197

Sample Information

Sample No 1637662197
Date Sampled 11/10/2017 09:00
Sampled By Derek Berner
Type Production
Method Belt Stream

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 11/10/2017 09:00
Tested By Derek Berner

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		5058.80				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
1 1/2" (37.5mm)	0.00	0.00	0.0	0.0	100.0		100-100	
1" (25mm)	0.00	0.00	0.0	0.0	100.0		90-100	
3/4" (19mm)	1527.00	1527.00	30.2	30.2	69.8			
1/2" (12.5mm)	3179.00	4706.00	62.8	93.0	7.0		0-15	
3/8" (9.5mm)	331.70	5037.70	6.6	99.6	0.4			
1/4" (6.3mm)	11.50	5049.20	0.2	99.8	0.2			
#4 (4.75mm)	2.20	5051.40	0.0	99.9	0.1			
1/8" (3.17mm)	0.00	5051.40	0.0	99.9	0.1			
#8 (2.36mm)	0.00	5051.40	0.0	99.9	0.1			
Pan	7.40	5058.80	0.15	100.00	0.00			

No. 4 Stone

CALLANAN est. 1883
Safety · Quality · Service
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

January 23, 2018

Abscope Environmental Inc.
PO Box 487
Canastota, NY 13032

Attn: Jon LeMessurier
Re: Eltings Corners

Dear Mr. LeMessurier:

As they are produced by our East Kingston source, Washed NYSDOT #2 Stone, Blended #3 Stone & #4 Stone, Type 2 Sub base and Select Granular Fill are manufactured to meet New York State Department of Transportation Standard Specifications.

Our East Kingston source (8-15RS) was approved by the NYSDOT under test number 15AR23S and that test result indicating source quality is attached. Also attached, please find a typical gradation for Washed NYSDOT #2 Stone, Blended #3 Stone & #4 Stone, Type 2 Sub base and Select Granular Fill.

If you have any questions or require additional information, please contact me at 518.374.2222 or at cvanpatten@callanan.com.

Very truly yours,
CALLANAN INDUSTRIES INC.

Colleen VanPatten
Quality Control Department

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **8- 15RS** TEST #: **15AR 23S** BR3a SERIAL #: **186746** SM LAB #: **15014982**

Callanan Industries, Inc.
Kingston, NY

On 06/25/15 results of tests on material represented by sample 186746 were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle $MgSO_4$			
25 Cycle 3% freeze -thaw UCVC		53	
% Non-carbonate		3.7	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue		48.9	
L.A. Abrasion			

Bulk Specific Gravity SSD	2.67
Bulk Specific Gravity	2.654
Apparent Specific Gravity	2.708
Absorption	0.7

Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes

COMPOSITION (Size No.)	%

COMPOSITION (Size No. 1)	%
Limestone	95.5
Graywacke	3
Calcite	0.8
Chert	0.7

CALLANAN est. 1883
INDUSTRIES, INC.
1245 Kings Road
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00131-East Kingston Aggregate
Product 3's & 4's Blend-#3 & #4 Stone
Specification 3's & 4's Blend

1870554347

Sample Information

Sample No 1870554347
Date Sampled 04/06/2016 09:00
Sampled By David Dachenhausen
Type Stockpile
Method Stockpile

Split Sample ☐
Resample ☐

Test Note
Stockpile on the hill

Gradation Results

Date Completed 04/07/2016 14:15
Tested By David Dachenhausen

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		29200.00				

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
4" (100mm)	0.0	0.0	0.0	0.0	100.0		100-100	
3" (75mm)	2590.0	2590.0	8.9	8.9	91.1		90-100	
2" (50mm)	22675.0	25265.0	77.7	86.5	13.5		0-15	
1" (25mm)	3075.0	28340.0	10.5	97.1	2.9			
3/4" (19mm)	260.0	28600.0	0.9	97.9	2.1			
1/2" (12.5mm)	160.0	28760.0	0.5	98.5	1.5			
3/8" (9.5mm)	35.0	28795.0	0.1	98.6	1.4			
1/4" (6.3mm)	25.0	28820.0	0.1	98.7	1.3			
Pan	370.0	29190.0	1.30	100.00	0.00			

From: Chris DeRoberts <CDeRoberts@cenhud.com>
Sent: Tuesday, July 24, 2018 3:45 PM
To: Justin VanCoughnett; Jonathan LeMessurier
Cc: Kohler, Amanda; Kroening, Matthew; Wayne Mancroni; Mark McLean
Subject: Fwd: Elting's Backfill forms

Justin,

See Kiera's comments below. Per our discussion, we should plan to use McCarey for the general fill, we just need a change order for the extra cost.

Chris DeRoberts
Environmental Coordinator
Central Hudson Gas & Electric

-------- Original message --------
From: "Thompson, Kiera A (DEC)" <kiera.thompson@dec.ny.gov>
Date: 7/24/18 3:37 PM (GMT-05:00)
To: Chris DeRoberts <CDeRoberts@cenhud.com>
Cc: "Dawson, Jennifer R (DEC)" <jennifer.dawson@dec.ny.gov>, Wayne Mancroni <WMancroni@cenhud.com>, Mark McLean <MMcLean@cenhud.com>, "Heitzman, George (DEC)" <george.heitzman@dec.ny.gov>
Subject: RE: Elting's Backfill forms

**** THIS IS AN EXTERNAL EMAIL **** Use caution before opening links / attachments. Never supply UserID/PASSWORD information.

Dear Chris,

The NYSDEC has reviewed the below submittal of imported fill types and alternate sources planned for the Eltings Corners Site (#356045). The following comments are offered:

1. The preferred source of General Fill (Borea) indicated in (GF-2) does not meet the organic content nor the particle size specifications described in the May 10, 2018 RAWP approval with modifications letter from NYSDEC to Central Hudson Gas & Electric. While it is noted below that organic content will be brought up to be within the specified of 2-5% range by adding top soil, the material is too coarse for use and brings concerns about potential drainage of the wetland. For General Fill, the NYSDEC specified that the percent passing by weight of No. 40 sieve should be 55-80, and 60-80% passing the No. 200 sieve. Borea GF-2 is indicated to have only 42% passing the No. 40 and only 31% passing the No. 200 sieves. While this cannot be accepted as imported General Fill, fines may be added to increase percent passing for the smaller sieves. However, please note that final analysis and specifications of any manufactured soils must be approved by NYSDEC prior to placement.

2. The alternate source of General Fill (McCarey) indicated in (GF-1) is close to the specifications provided in the above-referenced May 10, 2018 letter and is acceptable for use.

3. The topsoil is acceptable for use.

4. Channel Fill primary source (Callanan, CF-1) is close to the specifications provided in the above-referenced May 10 letter and is acceptable for use.

5. Channel Fill alternate source (Callanan, CF-2) meets the specifications provided and is acceptable for use.

Therefore, only the General Fill source GF-2 is unacceptable to the Department for import and use. If you plan to add/mix in new material to bring it to within specifications, the specifications of the manufactured final material must be presented to the NYSDEC in a new soil import request form. This form must include the resulting material particle size analysis and analytical of all materials used in the mix. Please let me know if you have any questions.

Thank you,

Kiera Thompson

Project Manager, Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, 11th Floor

Albany, NY 12233-7014

P: (518) 402-9662 | F: (518) 402-8050 | kiera.thompson@dec.ny.gov

www.dec.ny.gov[dec.ny.gov] | [facebook.com] | [twitter.com]

From: Chris DeRoberts [mailto:CDeRoberts@cenhud.com]
Sent: Monday, July 23, 2018 11:09 AM
To: Thompson, Kiera A (DEC) <kiera.thompson@dec.ny.gov>

Cc: Dawson, Jennifer R (DEC) <jennifer.dawson@dec.ny.gov>; Wayne Mancroni <WMancroni@cenhud.com>; Mark McLean <MMcLean@cenhud.com>
Subject: Elting's Backfill forms

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

Kiera,

Attached please find the approval forms and analytical for our proposed fill sources for Elting's. As we discussed on Friday we have a couple of proposed sources for both general fill and also for the channel fill (see the table below) and are including them to provide some flexibility in the event that we run into issues with availability of the material during the project. Let me know if you need anything else as you review this information.

Thanks!

Material Type	Source Name	Product ID	Notes
General Fill	Borea	General Fill 2 (GF-2)	• Preferred source • To be amended with topsoil to achieve necessary organic content
	McCarey Landscaping	General Fill 1 (GF-1)	• Alternate source • If place within 2 ft of final grade, to be amended with topsoil to meet organic content
Topsoil	McCarey Landscaping	Topsoil 1	N/A
Channel Fill	Callanan Industries	½" Fine (CF-2)	• Primary channel fill product
		Type 2 (CF-1)	• Alternate channel fill product

Chris DeRoberts
Environmental Coordinator
Division of Environmental Affairs
Central Hudson Gas & Electric Corporation
284 South Avenue
Poughkeepsie, NY 12601

Phone: (845) 486-5734
Cell: (845) 389-9319
Fax: (845) 486-5984
email: cderoberts@cenhud.com

*This message contains **confidential information** and is only for the intended recipient. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, please notify the sender immediately by replying to this note and deleting all copies and attachments. Thank you.*

Channel Fill_CF-1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

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

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? yes

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 400-500

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

SECTION 2 – MATERIAL OTHER THAN SOIL

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

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

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

Two (2) discrete samples were collected and analyzed for VOCs. One (1) composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

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

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

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

Acceptable:
Pest/PCBs - ND
SVOCs - ND
VOCs - ND or < Unrestricted SCOs
Metals - < Unrestricted SCOs"

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

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

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Callanan Industries. Providing Channel Fill; 1212-Type 2 Subbase 304.12

Location where fill was obtained:

East Kingston Plant. Virgin and NYSDOT approved, quarry.

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

NYSDOT approved.

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

Provide a list of supporting documentation included with this request:

The information provided on this form is accurate and complete.

Jason K. Ilgner
Signature

7-2-18
Date

Jason K. Ilgner
Print Name

Callahan Ind. Inc.
Firm

Quarry NYSDOT Status

CALLANAN est. 1883
Safety · Quality · Service
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

January 23, 2018

Abscope Environmental Inc.
PO Box 487
Canastota, NY 13032

Attn: Jon LeMessurier
Re: Eltings Corners

Dear Mr. LeMessurier:

As they are produced by our East Kingston source, Washed NYSDOT #2 Stone, Blended #3 Stone & #4 Stone, Type 2 Sub base and Select Granular Fill are manufactured to meet New York State Department of Transportation Standard Specifications.

Our East Kingston source (8-15RS) was approved by the NYSDOT under test number 15AR23S and that test result indicating source quality is attached. Also attached, please find a typical gradation for Washed NYSDOT #2 Stone, Blended #3 Stone & #4 Stone, Type 2 Sub base and Select Granular Fill.

If you have any questions or require additional information, please contact me at 518.374.2222 or at cvanpatten@callanan.com.

Very truly yours,
CALLANAN INDUSTRIES INC.

Colleen VanPatten
Quality Control Department

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **8- 15RS** TEST #: **15AR 23S** BR3a SERIAL #: **186746** SM LAB #: **15014982**

Callanan Industries, Inc.
Kingston, NY

On 06/25/15 results of tests on material represented by sample 186746 were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle $MgSO_4$			
25 Cycle 3% freeze -thaw UCVC		53	
% Non-carbonate		3.7	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue		48.9	
L.A. Abrasion			

Bulk Specific Gravity SSD	2.67
Bulk Specific Gravity	2.654
Apparent Specific Gravity	2.708
Absorption	0.7

Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes

COMPOSITION (Size No.)	%

COMPOSITION (Size No. 1)	%
Limestone	95.5
Graywacke	3
Calcite	0.8
Chert	0.7

Product: 1212-Type 2 Subbase 304.12

CALLANAN INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Gradation Test Report

Plant 001_00131-East Kingston Aggregate
Product 1212-Type 2 Subbase 304.12
Specification NYSDOT Subbase Type 2 CHANNEL FILL

1837599592

Sample Information

Sample No 1837599592
Date Sampled 05/30/2017 07:00
Sampled By Derek Berner
Type Production
Method Stockpile

Split Sample ☐
Resample ☐

Gradation Results

Date Completed 05/30/2017 07:00
Tested By Derek Berner

Unit	Moist Mass	Dry Mass	Wash Mass	Moisture %	Wash Loss %	Procedure
g		11323.30	10579.03		6.6	

Sieve	Mass Retained	Cum Mass Retained	Ind % Retained	% Retained	% Passing	Target	Specification	Comment
2" (50mm)	0.00	0.00	0.0	0.0	100.0		~~100-100~~	
1 1/2" (37.5mm)	0.00	0.00	0.0	0.0	100.0			
1" (25mm)	0.00	0.00	0.0	0.0	100.0			
3/4" (19mm)	1098.80	1098.80	9.7	9.7	90.3	100		
1/2" (12.5mm)	2374.00	3472.80	21.0	30.7	69.3			
3/8" (9.5mm)	1085.50	4558.30	9.6	40.3	59.7			
1/4" (6.3mm)	1169.30	5727.60	10.3	50.6	49.4		~~25-60~~	
#4 (4.75mm)	296.93	6024.53	2.6	53.2	46.8	40-70		
#10 (2mm)	1292.16	7316.69	11.4	64.6	35.4			
#20 (0.85mm)	1378.66	8695.35	12.2	76.8	23.2			
#40 (0.425mm)	780.12	9475.47	6.9	83.7	16.3		~~5-40~~	
#60 (0.25mm)	447.34	9922.82	4.0	87.6	12.4	10-20 (#50)		
#100 (0.15mm)	293.03	10215.85	2.6	90.2	9.8			
#200 (75µm)	234.58	10450.43	2.07	92.29	7.71	5-10	~~0-10~~	
Pan	123.92	10574.35	7.71	100.00	0.00			

Analytical Results - Discrete Sampling

DRAFT

Material Type / Product (Source) / Sample ID / Sample Date		Criteria	Callanan - Channel Fill 1212-Type 2 Subbase (Callanan) C-CF-13 3/22/2018	DUP-01 (C-CF-13) 3/22/2018	C-CF-14 3/22/2018
Volatiles (ppb, µg/kg)					
Vinyl chloride	1	20	<8	<12	<10
Methylene chloride	2	50	<4	10	<5
Acetone	3	50	<8	12	<10
1,1-Dichloroethene	4	330	<4	<6	<5
1,1-Dichloroethane	5	270	<4	<6	<5
trans-1,2-Dichloroethene	6	190	<4	<6	<5
cis-1,2-Dichloroethene	7	250	<4	<6	<5
Chloroform	8	370	<4	<6	<5
1,2-Dichloroethane	9	20	<4	<6	<5
Methyl ethyl ketone (2-Butanone)	10	120	<8	<12	<10
1,1,1-Trichloroethane	11	680	<4	<6	<5
Carbon tetrachloride	12	760	<4	<6	<5
Trichloroethene	13	470	<4	<6	<5
Benzene	14	60	<4	<6	<5
Tetrachloroethene	15	1300	<4	<6	<5
Toluene	16	700	<4	<6	<5
Chlorobenzene	17	1100	<4	<6	<5
Ethylbenzene	18	1000	<4	<6	<5
Xylene, Total	19	260	ND	ND	ND
m,p-Xylene	19.1	--	<4	<6	<5
o-Xylene	19.2	--	<4	<6	<5
Methyl tert-butyl ether	20	930	<4	<6	<5
1,3-Dichlorobenzene	21	2400	<4	<6	<5
1,2-Dichlorobenzene	22	1100	<4	<6	<5
1,4-Dichlorobenzene	23	1800	<4	<6	<5
1,4-Dioxane	24	100	71 JB	<120	<100
sec-Butylbenzene	25	11000	<4	<6	<5
4-Isopropyltoluene	26	--	<4	<6	<5
n-Butylbenzene	27	12000	<4	<6	<5
1,3,5-Trimethylbenzene	28	8400	<4	<6	<5
tert-Butylbenzene	29	5900	<4	<6	<5
1,2,4-Trimethylbenzene	30	3600	<4	<6	<5
n-Propylbenzene	31	3900	<4	<6	<5

Note: Data not validated; lab qualifiers are shown.

Lab Qualifiers:

B: Analyte detected in associated method blank.

J: Analyte detected below quantitation limits.

Analytical Results - Discrete Sampling

DRAFT

Material Type / Product (Source) / Sample ID / Sample Date	Criteria	Channel Fill / 1212-Type 2 Subbase / C-CF-15 / 3/22/2018	Channel Fill / 1212-Type 2 Subbase / DUP-02 (C-CF-15) / 3/22/2018
Metals (ppm or ug/g or mg/kg)			
Arsenic	13	5.72	4.33
Barium	350	124	170
Beryllium	7.2	<1	<1
Cadmium	2.5	<1	<1
Chromium	--	2.08	3.34
Chromium, hexavalent	1	<1.0	<1.0
Chromium, trivalent	30	--	--
Copper	50	3.8	4.7
Cyanide	27	<0.52	<0.52
Lead	63	3.17	2.25
Manganese	1,600	179	190
Mercury	0.18	<0.207	<0.207
Nickel	30	5.51	4.59
Selenium	3.9	<1	<1
Silver	2.0	<2.1	<2.1
Zinc	109	35.4	61.7
Pesticides (ppb or ug/kg)			
2,4,5-TP (Silvex)	3,800	<310	<310
4,4'-DDD	3.3	<3.4	<3.4
4,4'-DDE	3.3	<3.4	<3.4
4,4'-DDT	3.3	<3.4	<3.4
Aldrin	5.0	<1.8	<1.8
alpha-BHC	20	<1.8	<1.8
beta-BHC	36	<1.8	<1.8
Chlordane (alpha)	94	<1.8	<1.8
delta-BHC	40	<1.8	<1.8
Dibenzofuran	7,000	<340	<340
Dieldrin	5.0	<3.4	<3.4
Endosulfan I	2,400	<1.8	<1.8
Endosulfan II	2,400	<3.4	<3.4
Endosulfan sulfate	2,400	<3.4	<3.4
Endrin	14	<3.4	<3.4
Heptachlor	42	<1.8	<1.8
Lindane (gamma-BHC)	100	<1.8	<1.8
Dimethoate	--	<200	<200
Disulfoton	--	<300	<290
Ethyl Parathion	--	<200	<200
Famphur	--	<200	<200
Methyl parathion	--	<200	<200
Phorate	--	<200	<200
Thionazin	--	<200	<200

Analytical Results - Discrete Sampling

DRAFT

Product (Source) / Sample ID / Sample Date	Criteria	1212-Type 2 Subbase	
		C-CF-15	DUP-02 (C-CF-15)
		3/22/2018	3/22/2018
PCBs (ppb or ug/kg)			
Polychlorinated biphenyls	100	ND	ND
Aroclor 1016	--	<34	<34
Aroclor 1221	--	<34	<34
Aroclor 1232	--	<34	<34
Aroclor 1242	--	<34	<34
Aroclor 1248	--	<34	<34
Aroclor 1254	--	<34	<34
Aroclor 1260	--	<34	<34
Aroclor 1262	--	<34	<34
Aroclor 1268	--	<34	<34
Semivolatiles (ppb, ug/kg)			
Acenaphthene	20,000	<340	<340
Acenaphthylene	100,000	<340	<340
Anthracene	100,000	<340	<340
Benz(a)anthracene	1,000	<340	<340
Benzo(a)pyrene	1,000	<340	<340
Benzo(b)fluoranthene	1,000	<340	<340
Benzo(g,h,i)perylene	100,000	<340	<340
Benzo(k)fluoranthene	800	<260	<260
Chrysene	1,000	<340	<340
Dibenz(a,h)anthracene	330	<340	<340
Fluoranthene	100,000	<340	<340
Fluorene	30,000	<340	<340
Hexachlorobenzene	3,300	<340	<340
Indeno(1,2,3-cd)pyrene	500	<340	<340
Naphthalene	12,000	<340	<340
o-Cresol (2-methylphenol)	330	<340	<340
m- & p-Cresol (3- & 4-Methylphenol)	--	<340	<340
m-Cresol	330	--	--
p-Cresol	330	--	--
Pentachlorophenol	800	<1700	<1700
Phenanthrene	100,000	<340	<340
Phenol	330	<260	<260
Pyrene	100,000	<340	<340

Note: Data not validated; lab qualifiers are shown.

Lab Qualifiers:

J: Analyte detected below quantitation limits.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF-13
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-013
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	8		µg/Kg	1	4/2/2018 3:01:00 PM
Methylene chloride	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Acetone	**ND**	8	S	µg/Kg	1	4/2/2018 3:01:00 PM
1,1-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
1,1-Dichloroethane	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
trans-1,2-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
cis-1,2-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Chloroform	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
1,2-Dichloroethane	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
2-Butanone	**ND**	8		µg/Kg	1	4/2/2018 3:01:00 PM
1,1,1-Trichloroethane	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Carbon tetrachloride	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Trichloroethene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Benzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Tetrachloroethene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Toluene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Chlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Ethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
m,p-Xylene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
o-Xylene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Methyl tert-butyl ether	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
1,3-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
1,2-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
1,4-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
1,4-Dioxane	**71**	80	JB	µg/Kg	1	4/2/2018 3:01:00 PM
sec-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
4-Isopropyltoluene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
n-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
1,3,5-Trimethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
tert-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
1,2,4-Trimethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
n-Propylbenzene	**ND**	4		µg/Kg	1	4/2/2018 3:01:00 PM
Surr: 1,2-Dichloroethane-d4	**111**	64.8-130		%REC	1	4/2/2018 3:01:00 PM
Surr: 4-Bromofluorobenzene	**105**	76.8-122		%REC	1	4/2/2018 3:01:00 PM
Surr: Toluene-d8	**118**	78.5-120		%REC	1	4/2/2018 3:01:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF-14
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-014
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	10		µg/Kg	1	4/2/2018 3:26:00 PM
Methylene chloride	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Acetone	**ND**	10	S	µg/Kg	1	4/2/2018 3:26:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Chloroform	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
2-Butanone	**ND**	10		µg/Kg	1	4/2/2018 3:26:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Trichloroethene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Benzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Tetrachloroethene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Toluene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Chlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Ethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
m,p-Xylene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
o-Xylene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
1,4-Dioxane	**ND**	100		µg/Kg	1	4/2/2018 3:26:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
4-Isopropyltoluene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
n-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
tert-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
1,2,4-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
n-Propylbenzene	**ND**	5		µg/Kg	1	4/2/2018 3:26:00 PM
Surr: 1,2-Dichloroethane-d4	**118**	64.8-130		%REC	1	4/2/2018 3:26:00 PM
Surr: 4-Bromofluorobenzene	**105**	76.8-122		%REC	1	4/2/2018 3:26:00 PM
Surr: Toluene-d8	**111**	78.5-120		%REC	1	4/2/2018 3:26:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF-15
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-015
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
4,4´-DDD	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:08:58 PM
4,4´-DDE	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:08:58 PM
4,4´-DDT	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:08:58 PM
Aldrin	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:08:58 PM
alpha-BHC	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:08:58 PM
alpha-Chlordane	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:08:58 PM
beta-BHC	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:08:58 PM
delta-BHC	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:08:58 PM
Dieldrin	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:08:58 PM
Endosulfan I	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:08:58 PM
Endosulfan II	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:08:58 PM
Endosulfan sulfate	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:08:58 PM
Endrin	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:08:58 PM
gamma-BHC	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:08:58 PM
Heptachlor	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:08:58 PM
Surr: Decachlorobiphenyl	**56.4**	48.1-135		%REC	1	3/28/2018 6:08:58 PM
Surr: Tetrachloro-m-xylene	**69.4**	44.6-139		%REC	1	3/28/2018 6:08:58 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
Aroclor 1016	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Aroclor 1221	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Aroclor 1232	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Aroclor 1242	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Aroclor 1248	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Aroclor 1254	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Aroclor 1260	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Aroclor 1262	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Aroclor 1268	**ND**	34		µg/Kg-dry	1	3/28/2018 5:21:32 PM
Surr: Decachlorobiphenyl	**81.6**	48.1-152		%REC	1	3/28/2018 5:21:32 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 3/29/2018)						
2,4,5-TP (Silvex)	**ND**	310	S	µg/Kg-dry	1	3/30/2018 4:42:58 PM
Surr: Acifluorfen	**74.8**	51.2-145		%REC	1	3/30/2018 4:42:58 PM
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						

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Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF-15
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-015
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						
Dimethoate	**ND**	200		µg/Kg-dry	1	4/3/2018 6:08:45 PM
Disulfoton	**ND**	300		µg/Kg-dry	1	4/3/2018 6:08:45 PM
Ethyl Parathion	**ND**	200		µg/Kg-dry	1	4/3/2018 6:08:45 PM
Famphur	**ND**	200		µg/Kg-dry	1	4/3/2018 6:08:45 PM
Methyl parathion	**ND**	200		µg/Kg-dry	1	4/3/2018 6:08:45 PM
Phorate	**ND**	200		µg/Kg-dry	1	4/3/2018 6:08:45 PM
Thionazin	**ND**	200		µg/Kg-dry	1	4/3/2018 6:08:45 PM
Surr: Triphenyl phosphine	**89.6**	58.9-167		%REC	1	4/3/2018 6:08:45 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 3/23/2018)						
Mercury	**ND**	0.207		µg/g-dry	1	3/23/2018 2:52:33 PM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 3/23/2018)						
Arsenic	**5.72**	1.00		µg/g-dry	1	4/10/2018 3:08:00 PM
Barium	**124**	2.10		µg/g-dry	1	4/10/2018 3:08:00 PM
Beryllium	**0.29**	1.00	J	µg/g-dry	1	4/10/2018 3:08:00 PM
Cadmium	**0.11**	1.00	J	µg/g-dry	1	4/10/2018 3:08:00 PM
Chromium	**2.08**	1.00		µg/g-dry	1	4/10/2018 3:08:00 PM
Copper	**3.80**	1.00		µg/g-dry	1	4/10/2018 3:08:00 PM
Lead	**3.17**	1.00		µg/g-dry	1	4/10/2018 3:08:00 PM
Manganese	**179**	2.10		µg/g-dry	1	4/10/2018 3:08:00 PM
Nickel	**5.51**	4.10		µg/g-dry	1	4/10/2018 3:08:00 PM
Selenium	**ND**	1.00		µg/g-dry	1	4/10/2018 3:08:00 PM
Silver	**ND**	2.10		µg/g-dry	1	4/10/2018 3:08:00 PM
Zinc	**35.4**	2.10		µg/g-dry	1	4/10/2018 3:08:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Phenol	**ND**	260		µg/Kg-dry	1	4/4/2018 2:09:00 PM
2-Methylphenol	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
4-Methylphenol & 3-Methlyphenol	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Naphthalene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Acenaphthylene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Acenaphthene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Dibenzofuran	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Fluorene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF-15
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-015
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Hexachlorobenzene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Pentachlorophenol	**ND**	1700	C	µg/Kg-dry	1	4/4/2018 2:09:00 PM
Phenanthrene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Anthracene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Fluoranthene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Pyrene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Benz(a)anthracene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Chrysene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Benzo(b)fluoranthene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Benzo(k)fluoranthene	**ND**	260		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Benzo(a)pyrene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Indeno(1,2,3-cd)pyrene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Dibenz(a,h)anthracene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Benzo(g,h,i)perylene	**ND**	340		µg/Kg-dry	1	4/4/2018 2:09:00 PM
Surr: 2,4,6-Tribromophenol	**78.3**	26.5-126		%REC	1	4/4/2018 2:09:00 PM
Surr: 2-Fluorobiphenyl	**79.8**	52.1-124		%REC	1	4/4/2018 2:09:00 PM
Surr: 2-Fluorophenol	**48.8**	30.3-104		%REC	1	4/4/2018 2:09:00 PM
Surr: 4-Terphenyl-d14	**85.9**	51.1-134		%REC	1	4/4/2018 2:09:00 PM
Surr: Nitrobenzene-d5	**74.2**	41.2-120		%REC	1	4/4/2018 2:09:00 PM
Surr: Phenol-d5	**66.4**	27-122		%REC	1	4/4/2018 2:09:00 PM
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **PL**
Total Organic Carbon	**5620**	200	S+	µg/g-dry	1	4/2/2018
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 3/26/2018)						
Cyanide	**ND**	0.52		µg/g-dry	1	3/27/2018 4:44:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **MB**
(Prep: SW3060A - 3/29/2018)						
Chromium, Hexavalent	**ND**	1.0		µg/g-dry	1	4/3/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CC**
pH	**8.4**	1.0		pH Units@72F	1	4/5/2018 2:45:00 PM

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF-15
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-015
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **SMD**
Percent Moisture	**3.5**	0.1		wt%	1	4/2/2018

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-01-032218
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-019
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	12		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Methylene chloride	**10**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Acetone	**12**	12	SC+	µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,1-Dichloroethene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,1-Dichloroethane	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
trans-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
cis-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Chloroform	**5**	6	J	µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,2-Dichloroethane	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
2-Butanone	**ND**	12		µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,1,1-Trichloroethane	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Carbon tetrachloride	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Trichloroethene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Benzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Tetrachloroethene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Toluene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Chlorobenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Ethylbenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
m,p-Xylene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
o-Xylene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Methyl tert-butyl ether	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,3-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,2-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,4-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,4-Dioxane	**75**	120	JB	µg/Kg-dry	1	4/2/2018 10:30:00 AM
sec-Butylbenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
4-Isopropyltoluene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
n-Butylbenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,3,5-Trimethylbenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
tert-Butylbenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
1,2,4-Trimethylbenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
n-Propylbenzene	**ND**	6		µg/Kg-dry	1	4/2/2018 10:30:00 AM
Surr: 1,2-Dichloroethane-d4	**116**	64.8-130		%REC	1	4/2/2018 10:30:00 AM
Surr: 4-Bromofluorobenzene	**107**	76.8-122		%REC	1	4/2/2018 10:30:00 AM
Surr: Toluene-d8	**116**	78.5-120		%REC	1	4/2/2018 10:30:00 AM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **SMD**

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-01-032218
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-019
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **SMD**
Percent Moisture	**2.7**	0.1		wt%	1	4/2/2018

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-02-032218
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-020
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
4,4´-DDD	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:45:58 PM
4,4´-DDE	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:45:58 PM
4,4´-DDT	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:45:58 PM
Aldrin	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:45:58 PM
alpha-BHC	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:45:58 PM
alpha-Chlordane	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:45:58 PM
beta-BHC	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:45:58 PM
delta-BHC	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:45:58 PM
Dieldrin	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:45:58 PM
Endosulfan I	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:45:58 PM
Endosulfan II	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:45:58 PM
Endosulfan sulfate	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:45:58 PM
Endrin	**ND**	3.4		µg/Kg-dry	1	3/28/2018 6:45:58 PM
gamma-BHC	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:45:58 PM
Heptachlor	**ND**	1.8		µg/Kg-dry	1	3/28/2018 6:45:58 PM
Surr: Decachlorobiphenyl	**51.4**	48.1-135		%REC	1	3/28/2018 6:45:58 PM
Surr: Tetrachloro-m-xylene	**55.2**	44.6-139		%REC	1	3/28/2018 6:45:58 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
Aroclor 1016	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Aroclor 1221	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Aroclor 1232	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Aroclor 1242	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Aroclor 1248	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Aroclor 1254	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Aroclor 1260	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Aroclor 1262	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Aroclor 1268	**ND**	34		µg/Kg-dry	1	3/28/2018 5:48:22 PM
Surr: Decachlorobiphenyl	**67.2**	48.1-152		%REC	1	3/28/2018 5:48:22 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 3/29/2018)						
2,4,5-TP (Silvex)	**ND**	310	S	µg/Kg-dry	1	3/30/2018 5:16:12 PM
Surr: Acifluorfen	**73.6**	51.2-145		%REC	1	3/30/2018 5:16:12 PM
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-02-032218
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-020
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						
Dimethoate	**ND**	200		µg/Kg-dry	1	4/3/2018 6:48:33 PM
Disulfoton	**ND**	290		µg/Kg-dry	1	4/3/2018 6:48:33 PM
Ethyl Parathion	**ND**	200		µg/Kg-dry	1	4/3/2018 6:48:33 PM
Famphur	**ND**	200		µg/Kg-dry	1	4/3/2018 6:48:33 PM
Methyl parathion	**ND**	200		µg/Kg-dry	1	4/3/2018 6:48:33 PM
Phorate	**ND**	200		µg/Kg-dry	1	4/3/2018 6:48:33 PM
Thionazin	**ND**	200		µg/Kg-dry	1	4/3/2018 6:48:33 PM
Surr: Triphenyl phosphine	**96.0**	58.9-167		%REC	1	4/3/2018 6:48:33 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 3/23/2018)						
Mercury	**ND**	0.207		µg/g-dry	1	3/23/2018 2:59:17 PM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 3/23/2018)						
Arsenic	**4.33**	1.00		µg/g-dry	1	4/10/2018 3:32:00 PM
Barium	**170**	2.10		µg/g-dry	1	4/10/2018 3:32:00 PM
Beryllium	**0.26**	1.00	J	µg/g-dry	1	4/10/2018 3:32:00 PM
Cadmium	**0.15**	1.00	J	µg/g-dry	1	4/10/2018 3:32:00 PM
Chromium	**3.34**	1.00		µg/g-dry	1	4/10/2018 3:32:00 PM
Copper	**4.70**	1.00		µg/g-dry	1	4/10/2018 3:32:00 PM
Lead	**2.25**	1.00		µg/g-dry	1	4/10/2018 3:32:00 PM
Manganese	**190**	2.10		µg/g-dry	1	4/10/2018 3:32:00 PM
Nickel	**4.59**	4.10		µg/g-dry	1	4/10/2018 3:32:00 PM
Selenium	**ND**	1.00		µg/g-dry	1	4/10/2018 3:32:00 PM
Silver	**ND**	2.10		µg/g-dry	1	4/10/2018 3:32:00 PM
Zinc	**61.7**	2.10		µg/g-dry	1	4/10/2018 3:32:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Phenol	**ND**	260		µg/Kg-dry	1	4/4/2018 3:13:00 PM
2-Methylphenol	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
4-Methylphenol & 3-Methlyphenol	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Naphthalene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Acenaphthylene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Acenaphthene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Dibenzofuran	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Fluorene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM

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B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-02-032218
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-020
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Hexachlorobenzene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Pentachlorophenol	**ND**	1700	C	µg/Kg-dry	1	4/4/2018 3:13:00 PM
Phenanthrene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Anthracene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Fluoranthene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Pyrene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Benz(a)anthracene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Chrysene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Benzo(b)fluoranthene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Benzo(k)fluoranthene	**ND**	260		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Benzo(a)pyrene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Indeno(1,2,3-cd)pyrene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Dibenz(a,h)anthracene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Benzo(g,h,i)perylene	**ND**	340		µg/Kg-dry	1	4/4/2018 3:13:00 PM
Surr: 2,4,6-Tribromophenol	**57.1**	26.5-126		%REC	1	4/4/2018 3:13:00 PM
Surr: 2-Fluorobiphenyl	**85.1**	52.1-124		%REC	1	4/4/2018 3:13:00 PM
Surr: 2-Fluorophenol	**42.0**	30.3-104		%REC	1	4/4/2018 3:13:00 PM
Surr: 4-Terphenyl-d14	**83.6**	51.1-134		%REC	1	4/4/2018 3:13:00 PM
Surr: Nitrobenzene-d5	**74.2**	41.2-120		%REC	1	4/4/2018 3:13:00 PM
Surr: Phenol-d5	**60.9**	27-122		%REC	1	4/4/2018 3:13:00 PM
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **PL**
Total Organic Carbon	**5600**	200	S+	µg/g-dry	1	4/2/2018
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 3/27/2018)						
Cyanide	**ND**	0.52		µg/g-dry	1	3/27/2018 4:48:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **MB**
(Prep: SW3060A - 3/29/2018)						
Chromium, Hexavalent	**ND**	1.0		µg/g-dry	1	4/3/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CC**
pH	**8.4**	1.0		pH Units@72F	1	4/5/2018 2:45:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-02-032218
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-020
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **SMD**
Percent Moisture	**3.5**	0.1		wt%	1	4/2/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Channel Fill_CF-2

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

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

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? yes

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 500-800

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

SECTION 2 – MATERIAL OTHER THAN SOIL

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

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

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

Two (2) discrete samples were collected and analyzed for VOCs. One (1) composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

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

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

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

See Attached:

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

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

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Callanan Industries. Providing Channel Fill; 1/2" Subbase Premium Blend

Location where fill was obtained:

East Kingston Plant. Virgin and NYSDOT approved, quarry.

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

NYSDOT approved.

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

Provide a list of supporting documentation included with this request:

Quarry Status Letter
Gradation
Data Results Summary and Lab Report (Preliminary)

The information provided on this form is accurate and complete.

Jason K. Ilgner
Signature

7-16-18
Date

Jason K. Ilgner
Print Name

Callaghan Ind. Inc.
Firm

Revised August 2014

Quarry NYSDOT Status

CALLANAN est. 1883
Safety · Quality · Service
INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

January 23, 2018

Abscope Environmental Inc.
PO Box 487
Canastota, NY 13032

Attn: Jon LeMessurier
Re: Eltings Corners

Dear Mr. LeMessurier:

As they are produced by our East Kingston source, Washed NYSDOT #2 Stone, Blended #3 Stone & #4 Stone, Type 2 Sub base and Select Granular Fill are manufactured to meet New York State Department of Transportation Standard Specifications.

Our East Kingston source (8-15RS) was approved by the NYSDOT under test number 15AR23S and that test result indicating source quality is attached. Also attached, please find a typical gradation for Washed NYSDOT #2 Stone, Blended #3 Stone & #4 Stone, Type 2 Sub base and Select Granular Fill.

If you have any questions or require additional information, please contact me at 518.374.2222 or at cvanpatten@callanan.com.

Very truly yours,
CALLANAN INDUSTRIES INC.

Colleen VanPatten
Quality Control Department

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS

SOURCE #: **8- 15RS** TEST #: **15AR 23S** BR3a SERIAL #: **186746** SM LAB #: **15014982**

Callanan Industries, Inc.
Kingston, NY

On 06/25/15 results of tests on material represented by sample 186746 were evaluated

Material meets specifications for Item 703-02. Consult friction aggregate requirements for approved use.

REMARKS:

NYSDOT Sizes	No. 2	No. 1	No. 1A
10 Cycle $MgSO_4$			
25 Cycle 3% freeze -thaw UCVC		53	
% Non-carbonate		3.7	Percent non-carbonate and percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.
% Insoluble residue		48.9	
L.A. Abrasion			

Bulk Specific Gravity SSD	2.67
Bulk Specific Gravity	2.654
Apparent Specific Gravity	2.708
Absorption	0.7

Gravity and Absorption values represent this sample only. They may not be appropriate for designing mixes

COMPOSITION (Size No.)	%

COMPOSITION (Size No. 1)	%
Limestone	95.5
Graywacke	3
Calcite	0.8
Chert	0.7

Product: 1/2" Item - Fine Item

CALLANAN INDUSTRIES, INC.
PO Box 15097
Albany, NY 12212-5097

Long Gradation Test Report

Plant 001_00131-East Kingston Aggregate
Product 1/2" Item-Fine Item
Specification NYSDOT Subbase Type 2 (Channel Fill)

1815524597

Sample Information

Sample No 1815524597
Date Sampled 05/09/2018 11:39
Sampled By Alicia Lewis
Type Production
Method Stockpile
Location Stone Plant
Process
Ledge
Other
Weather
Temp

Split Sample ☐
Resample ☐
Lot / Sublot
Quad / Quantity

Sequence
Code

Test Note

Gradation Results

Date Completed 05/09/2018 11:39
Total Moist Mass
Total Dry Mass 6904.70
Total Wash Mass
Moisture %
Wash Loss % 7.0
Grad Loss % 0.000
Procedure

Tested By Alicia Lewis
Last Coarse Sieve 1/4" (6.3mm)
Coarse Unit lb
Coarse Split Mass
Coarse Dry Mass
Coarse Wash Mass
Coarse Pan Mass

Fine Unit g
Fine Split Mass
Fine Dry Mass 878.50
Fine Wash Mass 766.80
Coarse Ratio 1.0
Fine Ratio 1964.93

Sieve	Cum Mass Retained Fraction	Ind Mass Retained Fraction	% Passing Fraction	Mass Retained	Cum Mass Retained	% Retained	% Passing	Target	Spec	Comment
2" (50mm)	0.00	0.00		0.00	0.00	0.0	100.0		~~100-100~~	
1 1/2" (37.5mm)	0.00	0.00		0.00	0.00	0.0	100.0			
1" (25mm)	0.00	0.00		0.00	0.00	0.0	100.0			
3/4" (19mm)	14.30	14.30		14.30	14.30	0.2	99.8	100		
1/2" (12.5mm)	206.90	192.60		192.60	206.90	3.0	97.0			
3/8" (9.5mm)	1273.50	1066.60		1066.60	1273.50	18.4	81.6			
1/4" (6.3mm)	3099.10	1825.60		1825.60	3099.10	44.9	55.1		~~25-60~~	
#4 (4.75mm)	108.30	108.30	87.7	469.15	3568.25	51.7	48.3	40-70		
#10 (2mm)	374.20	265.90	57.4	1151.86	4720.11	68.4	31.6			
#20 (0.85mm)	569.50	195.30	35.2	846.03	5566.13	80.6	19.4			
#40 (0.425mm)	659.70	90.20	24.9	390.74	5956.87	86.3	13.7		~~5-10~~	
#60 (0.25mm)	705.90	46.20	19.6	200.14	6157.01	89.2	10.8	10-20 (#50)		
#100 (0.15mm)	735.30	29.40	16.3	127.36	6284.37	91.0	9.0			
#200 (75µm)	762.10	26.80	13.25	116.10	6400.46	92.70	7.30	5-10	~~0-10~~	
Pan	766.80	4.70	12.71	20.36	6420.82	100.00	0.00			

Analytical Results - Discrete Sampling

DRAFT - PRELIMINARY DATA

Material Type / Product (Source) / Sample ID / Sample Date	Criteria	Callanan - Channel Fill 1/2" Item - Fine Item (Callanan)	
		C-CF2-74	C-CF2-75
		7/2/2018	7/2/2018
Volatiles (ppb, µg/kg)			
Vinyl chloride	20	<12	<16
Methylene chloride	50	<6	<8
Acetone	50	**20**	**28**
1,1-Dichloroethene	330	<6	<8
1,1-Dichloroethane	270	<6	<8
trans-1,2-Dichloroethene	190	<6	<8
cis-1,2-Dichloroethene	250	<6	<8
Chloroform	370	<6	<8
1,2-Dichloroethane	20	<6	<8
Methyl ethyl ketone (2-Butanone)	120	<12	<16
1,1,1-Trichloroethane	680	<6	<8
Carbon tetrachloride	760	<6	<8
Trichloroethene	470	<6	<8
Benzene	60	<6	<8
Tetrachloroethene	1300	<6	<8
Toluene	700	<6	<8
Chlorobenzene	1100	<6	<8
Ethylbenzene	1000	<6	<8
Xylene, Total	260	ND	ND
m,p-Xylene	--	<6	<8
o-Xylene	--	<6	<8
Methyl tert-butyl ether	930	<6	<8
1,3-Dichlorobenzene	2400	<6	<8
1,2-Dichlorobenzene	1100	<6	<8
1,4-Dichlorobenzene	1800	<6	<8
1,4-Dioxane	100	<120	<160
sec-Butylbenzene	11000	<6	<8
4-Isopropyltoluene	--	<6	**11**
n-Butylbenzene	12000	**7**	<8
1,3,5-Trimethylbenzene	8400	<6	<8
tert-Butylbenzene	5900	<6	<8
1,2,4-Trimethylbenzene	3600	<6	<8
n-Propylbenzene	3900	<6	<8

Note: Data not validated; lab qualifiers are shown.

Lab Qualifiers:

B: Analyte detected in associated method blank.

J: Analyte detected below quantitation limits.

Analytical Results - Discrete Sampling

DRAFT - PRELIMINARY DATA

Material Type Product (Source) Sample ID Sample Date	Criteria	Channel Fill 1/2" Item - Fine Item C-CF2-76 7/2/2018	Channel Fill 1/2" Item - Fine Item DUP-070218 (C-CF2-76) 7/2/2018
Metals (ppm or ug/g or mg/kg)			
Arsenic	13	9.70 ZN	5.11
Barium	350	38.2	47.4
Beryllium	7.2	<1.05	<1.04
Cadmium	2.5	<1.05	<1.04
Chromium	--	9.73 Z	6.96
Chromium, hexavalent	1	<1.1 C	<1.0 C
Chromium, trivalent	30	--	--
Copper	50	10.2 Z	5.93
Cyanide	27	<0.53	<0.52
Lead	63	5.48 ZN	3.89
Manganese	1,600	141 N	108
Mercury	0.18	<0.210	<0.209
Nickel	30	9.13 Z	6.64
Selenium	3.9	<1.05 N	<1.04
Silver	2.0	<2.10	<2.09
Zinc	109	42.8 ZN	23.8
Pesticides (ppb or ug/kg)			
2,4,5-TP (Silvex)	3,800	<315	<313
4,4'-DDD	3.3	<3.5	<3.4
4,4'-DDE	3.3	<3.5	<3.4
4,4'-DDT	3.3	<3.5	<3.4
Aldrin	5.0	<1.8	<1.8
alpha-BHC	20	<1.8	<1.8
beta-BHC	36	<1.8	<1.8
Chlordane (alpha)	94	<1.8	<1.8
delta-BHC	40	<1.8	<1.8
Dibenzofuran	7,000	<340	<340
Dieldrin	5.0	<3.5	<3.4
Endosulfan I	2,400	<1.8	<1.8
Endosulfan II	2,400	<3.5	<3.4
Endosulfan sulfate	2,400	<3.5	<3.4
Endrin	14	<3.5	<3.4
Heptachlor	42	<1.8	<1.8
Lindane (gamma-BHC)	100	<1.8	<1.8
Dimethoate	--	<210	<210
Disulfoton	--	<210	<210
Ethyl Parathion	--	<210	<210
Famphur	--	<210	<210
Methyl parathion	--	<210	<210
Phorate	--	<210	<210
Thionazin	--	<210	<210

Analytical Results - Discrete Sampling

DRAFT - PRELIMINARY DATA

Product (Source) Sample ID Sample Date	Criteria	1/2" Item - Fine Item C-CF2-76 7/2/2018	 DUP-070218 (C-CF2-76) 7/2/2018
PCBs (ppb or ug/kg)			
Polychlorinated biphenyls	100	ND	ND
Aroclor 1016	--	<35	<34
Aroclor 1221	--	<35	<34
Aroclor 1232	--	<35	<34
Aroclor 1242	--	<35	<34
Aroclor 1248	--	<35	<34
Aroclor 1254	--	<35	<34
Aroclor 1260	--	<35	<34
Aroclor 1262	--	<35	<34
Aroclor 1268	--	<35	<34
Semivolatiles (ppb, ug/kg)			
Acenaphthene	20,000	<340	<340
Acenaphthylene	100,000	<340	<340
Anthracene	100,000	<340	<340
Benz(a)anthracene	1,000	<340	<340
Benzo(a)pyrene	1,000	<340	<340
Benzo(b)fluoranthene	1,000	<340	<340
Benzo(g,h,i)perylene	100,000	<340	<340
Benzo(k)fluoranthene	800	<260	<260
Chrysene	1,000	<340	<340
Dibenz(a,h)anthracene	330	<340	<340
Fluoranthene	100,000	<340	<340
Fluorene	30,000	<340	<340
Hexachlorobenzene	3,300	<340	<340
Indeno(1,2,3-cd)pyrene	500	<340	<340
Naphthalene	12,000	<340	<340
o-Cresol (2-methylphenol)	330	<340	<340
m- & p-Cresol (3- & 4-Methylphenol)	--	<340	<340
m-Cresol	330	--	--
p-Cresol	330	--	--
Pentachlorophenol	800	<1700	<1700
Phenanthrene	100,000	<340	<340
Phenol	330	<260	<260
Pyrene	100,000	<340	<340

Note: Data not validated; lab qualifiers are shown.

Lab Qualifiers:

C: CCV below acceptable limits.
J: Analyte detected below quantitation limits.
N: Matrix Spike below accepted limits (+ above)
Z: RPD outside accepted recovery limits.

Experience is the solution
314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

July 10, 2018

Jon LeMessurier
Abscope Environmental, Inc
PO Box 487
1 Commercial Drive
Canastota, NY 13032

TEL: (315) 697-8437

Work Order No: 180703065

RE: CHGEC- Lloyd, NY

Dear Jon LeMessurier:

Adirondack Environmental Services, Inc received 4 samples on 7/3/2018 for the analyses presented in the following report.

This is a preliminary report that contains incomplete data or data that has not been fully validated. Caution should be exercised in the use of any data presented as final reported results may not reflect the values presented.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Krzysztof Trafalski
Laboratory Manager

Adirondack Environmental Services, Inc — CASE NARRATIVE

CLIENT:	Abscope Environmental, Inc	**Date:**	*10-Jul-18*
Project:	CHGEC- Lloyd, NY		
Lab Order:	180703065		

Sample containers were supplied by Adirondack Environmental Services.

Definitions - RL: Reporting Limit DF: Dilution factor

Qualifiers:

- ND : Not Detected at reporting limit
- J: Analyte detected below quantitation limit
- B: Analyte detected in Blank
- X : Exceeds maximum contamination limit
- H: Hold time exceeded
- N: Matrix Spike below acceptable limits
- N+: Matrix Spike is above acceptable limits
- C: CCV below acceptable Limits
- C+: CCV above acceptable Limits
- S: LCS Spike recovery is below acceptable limits
- S+: LCS Spike recovery is above acceptable limits
- Z: Duplication outside acceptable limits
- T : Tentatively Identified Compound-Estimated
- E :Above quantitation range-Estimated

Note : All Results are reported as wet weight unless noted

The results relate only to the items tested. Information supplied by the client is assumed to be correct.

PRELIMINARY

Adirondack Environmental Services, Inc

Date: *10-Jul-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF2-74
Work Order:	180703065	**Collection Date:**	7/2/2018
Reference:	CHGEC- Lloyd, NY /	**Lab Sample ID:**	180703065-001
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 7/3/2018)						
Vinyl chloride	***ND***	12		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Methylene chloride	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Acetone	***20***	12		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,1-Dichloroethene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,1-Dichloroethane	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
trans-1,2-Dichloroethene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
cis-1,2-Dichloroethene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Chloroform	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,2-Dichloroethane	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
2-Butanone	***ND***	12		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,1,1-Trichloroethane	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Carbon tetrachloride	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Trichloroethene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Benzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Tetrachloroethene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Toluene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Chlorobenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Ethylbenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
m,p-Xylene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
o-Xylene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Methyl tert-butyl ether	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,3-Dichlorobenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,2-Dichlorobenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,4-Dichlorobenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,4-Dioxane	***ND***	120		µg/Kg-dry	1	7/9/2018 10:31:00 PM
sec-Butylbenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
4-Isopropyltoluene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
n-Butylbenzene	***7***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,3,5-Trimethylbenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
tert-Butylbenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
1,2,4-Trimethylbenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
n-Propylbenzene	***ND***	6		µg/Kg-dry	1	7/9/2018 10:31:00 PM
Surr: 1,2-Dichloroethane-d4	***136***	64.8-130	S	%REC	1	7/9/2018 10:31:00 PM
Surr: 4-Bromofluorobenzene	***120***	76.8-122		%REC	1	7/9/2018 10:31:00 PM
Surr: Toluene-d8	***122***	78.5-120	S	%REC	1	7/9/2018 10:31:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	***3.8***	0.1		wt%	1	7/9/2018

PRELIMINARY

Adirondack Environmental Services, Inc

Date: *10-Jul-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF2-75
Work Order:	180703065	**Collection Date:**	7/2/2018
Reference:	CHGEC- Lloyd, NY /	**Lab Sample ID:**	180703065-002
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 7/3/2018)						
Vinyl chloride	***ND***	16		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Methylene chloride	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Acetone	***28***	16		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,1-Dichloroethene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,1-Dichloroethane	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
trans-1,2-Dichloroethene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
cis-1,2-Dichloroethene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Chloroform	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,2-Dichloroethane	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
2-Butanone	***ND***	16		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,1,1-Trichloroethane	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Carbon tetrachloride	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Trichloroethene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Benzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Tetrachloroethene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Toluene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Chlorobenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Ethylbenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
m,p-Xylene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
o-Xylene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Methyl tert-butyl ether	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,3-Dichlorobenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,2-Dichlorobenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,4-Dichlorobenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,4-Dioxane	***ND***	160		µg/Kg-dry	1	7/9/2018 10:55:00 PM
sec-Butylbenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
4-Isopropyltoluene	***11***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
n-Butylbenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,3,5-Trimethylbenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
tert-Butylbenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
1,2,4-Trimethylbenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
n-Propylbenzene	***ND***	8		µg/Kg-dry	1	7/9/2018 10:55:00 PM
Surr: 1,2-Dichloroethane-d4	***131***	64.8-130	S	%REC	1	7/9/2018 10:55:00 PM
Surr: 4-Bromofluorobenzene	***126***	76.8-122	S	%REC	1	7/9/2018 10:55:00 PM
Surr: Toluene-d8	***135***	78.5-120	S	%REC	1	7/9/2018 10:55:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	***4.8***	0.1		wt%	1	7/9/2018

PRELIMINARY

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF2-76
Work Order:	180703065	**Collection Date:**	7/2/2018
Reference:	CHGEC- Lloyd, NY /	**Lab Sample ID:**	180703065-003
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 7/5/2018)						
4,4´-DDD	***ND***	3.5		µg/Kg-dry	1	7/10/2018 12:34:53 PM
4,4´-DDE	***ND***	3.5		µg/Kg-dry	1	7/10/2018 12:34:53 PM
4,4´-DDT	***ND***	3.5		µg/Kg-dry	1	7/10/2018 12:34:53 PM
Aldrin	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:34:53 PM
alpha-BHC	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:34:53 PM
alpha-Chlordane	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:34:53 PM
beta-BHC	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:34:53 PM
delta-BHC	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:34:53 PM
Dieldrin	***ND***	3.5		µg/Kg-dry	1	7/10/2018 12:34:53 PM
Endosulfan I	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:34:53 PM
Endosulfan II	***ND***	3.5		µg/Kg-dry	1	7/10/2018 12:34:53 PM
Endosulfan sulfate	***ND***	3.5		µg/Kg-dry	1	7/10/2018 12:34:53 PM
Endrin	***ND***	3.5		µg/Kg-dry	1	7/10/2018 12:34:53 PM
gamma-BHC	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:34:53 PM
Heptachlor	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:34:53 PM
Surr: Decachlorobiphenyl	***103***	48.1-135		%REC	1	7/10/2018 12:34:53 PM
Surr: Tetrachloro-m-xylene	***94.0***	44.6-139		%REC	1	7/10/2018 12:34:53 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 7/5/2018)						
Aroclor 1016	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1016	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1221	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1221	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1232	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1232	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1242	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1242	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1248	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1248	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1254	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1254	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1260	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1260	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1262	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1262	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1268	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Aroclor 1268	***ND***	35		µg/Kg-dry	1	7/5/2018 4:20:14 PM
Surr: Decachlorobiphenyl	***63.4***	48.1-152		%REC	1	7/5/2018 4:20:14 PM
Surr: Decachlorobiphenyl	***42.6***	48.1-152	S	%REC	1	7/5/2018 4:20:14 PM

PRELIMINARY

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF2-76
Work Order:	180703065	**Collection Date:**	7/2/2018
Reference:	CHGEC- Lloyd, NY /	**Lab Sample ID:**	180703065-003
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 7/6/2018)						
2,4,5-TP (Silvex)	***ND***	315		µg/Kg-dry	1	7/6/2018 11:25:20 AM
Surr: Acifluorfen	***89.4***	51.2-145		%REC	1	7/6/2018 11:25:20 AM
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 7/5/2018)						
Dimethoate	***ND***	210		µg/Kg-dry	1	7/9/2018 11:00:34 AM
Disulfoton	***ND***	210		µg/Kg-dry	1	7/9/2018 11:00:34 AM
Ethyl Parathion	***ND***	210		µg/Kg-dry	1	7/9/2018 11:00:34 AM
Famphur	***ND***	210		µg/Kg-dry	1	7/9/2018 11:00:34 AM
Methyl parathion	***ND***	210		µg/Kg-dry	1	7/9/2018 11:00:34 AM
Phorate	***ND***	210		µg/Kg-dry	1	7/9/2018 11:00:34 AM
Thionazin	***ND***	210		µg/Kg-dry	1	7/9/2018 11:00:34 AM
Surr: Triphenyl phosphine	***125***	58.9-167		%REC	1	7/9/2018 11:00:34 AM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 7/9/2018)						
Mercury	***ND***	0.210		µg/g-dry	1	7/9/2018 11:21:49 AM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 7/9/2018)						
Arsenic	***9.70***	1.05	ZN	µg/g-dry	1	7/9/2018 3:17:00 PM
Barium	***38.2***	2.10		µg/g-dry	1	7/9/2018 3:17:00 PM
Beryllium	***ND***	1.05		µg/g-dry	1	7/9/2018 3:17:00 PM
Cadmium	***ND***	1.05		µg/g-dry	1	7/9/2018 3:17:00 PM
Chromium	***9.73***	1.05	Z	µg/g-dry	1	7/9/2018 3:17:00 PM
Copper	***10.2***	1.05	Z	µg/g-dry	1	7/9/2018 3:17:00 PM
Lead	***5.48***	1.05	ZN	µg/g-dry	1	7/9/2018 3:17:00 PM
Manganese	***141***	2.10	N	µg/g-dry	1	7/9/2018 3:17:00 PM
Nickel	***9.13***	4.21	Z	µg/g-dry	1	7/9/2018 3:17:00 PM
Selenium	***ND***	1.05	N	µg/g-dry	1	7/9/2018 3:17:00 PM
Silver	***ND***	2.10		µg/g-dry	1	7/9/2018 3:17:00 PM
Thallium	***ND***	2.10		µg/g-dry	1	7/9/2018 3:17:00 PM
Zinc	***42.8***	2.10	ZN	µg/g-dry	1	7/9/2018 3:17:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 7/9/2018)						
Phenol	***ND***	260		µg/Kg-dry	1	7/10/2018 1:12:00 PM
2-Methylphenol	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
4-Methylphenol & 3-Methlyphenol	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Naphthalene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM

PRELIMINARY

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	C-CF2-76
Work Order:	180703065	**Collection Date:**	7/2/2018
Reference:	CHGEC- Lloyd, NY /	**Lab Sample ID:**	180703065-003
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 7/9/2018)						
Acenaphthylene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Acenaphthene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Dibenzofuran	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Fluorene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Hexachlorobenzene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Pentachlorophenol	***ND***	1700		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Phenanthrene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Anthracene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Fluoranthene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Pyrene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Benz(a)anthracene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Chrysene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Benzo(b)fluoranthene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Benzo(k)fluoranthene	***ND***	260		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Benzo(a)pyrene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Indeno(1,2,3-cd)pyrene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Dibenz(a,h)anthracene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Benzo(g,h,i)perylene	***ND***	340		µg/Kg-dry	1	7/10/2018 1:12:00 PM
Surr: 2,4,6-Tribromophenol	***48.2***	26.5-126		%REC	1	7/10/2018 1:12:00 PM
Surr: 2-Fluorobiphenyl	***74.9***	52.1-124		%REC	1	7/10/2018 1:12:00 PM
Surr: 2-Fluorophenol	***62.1***	30.3-104		%REC	1	7/10/2018 1:12:00 PM
Surr: 4-Terphenyl-d14	***78.3***	51.1-134		%REC	1	7/10/2018 1:12:00 PM
Surr: Nitrobenzene-d5	***62.2***	41.2-120		%REC	1	7/10/2018 1:12:00 PM
Surr: Phenol-d5	***59.8***	27-122		%REC	1	7/10/2018 1:12:00 PM
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 7/5/2018)						
Cyanide	***ND***	0.53		µg/g-dry	1	7/6/2018 4:06:23 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **DAA**
Chromium, Hexavalent	***ND***	1.1	C	µg/g-dry	1	7/10/2018
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	***4.9***	0.1		wt%	1	7/9/2018

PRELIMINARY

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-070218
Work Order:	180703065	**Collection Date:**	7/2/2018
Reference:	CHGEC- Lloyd, NY /	**Lab Sample ID:**	180703065-004
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 7/5/2018)						
4,4´-DDD	***ND***	3.4		µg/Kg-dry	1	7/10/2018 12:52:43 PM
4,4´-DDE	***ND***	3.4		µg/Kg-dry	1	7/10/2018 12:52:43 PM
4,4´-DDT	***ND***	3.4		µg/Kg-dry	1	7/10/2018 12:52:43 PM
Aldrin	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:52:43 PM
alpha-BHC	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:52:43 PM
alpha-Chlordane	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:52:43 PM
beta-BHC	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:52:43 PM
delta-BHC	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:52:43 PM
Dieldrin	***ND***	3.4		µg/Kg-dry	1	7/10/2018 12:52:43 PM
Endosulfan I	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:52:43 PM
Endosulfan II	***ND***	3.4		µg/Kg-dry	1	7/10/2018 12:52:43 PM
Endosulfan sulfate	***ND***	3.4		µg/Kg-dry	1	7/10/2018 12:52:43 PM
Endrin	***ND***	3.4		µg/Kg-dry	1	7/10/2018 12:52:43 PM
gamma-BHC	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:52:43 PM
Heptachlor	***ND***	1.8		µg/Kg-dry	1	7/10/2018 12:52:43 PM
Surr: Decachlorobiphenyl	***102***	48.1-135		%REC	1	7/10/2018 12:52:43 PM
Surr: Tetrachloro-m-xylene	***87.6***	44.6-139		%REC	1	7/10/2018 12:52:43 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 7/5/2018)						
Aroclor 1016	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1016	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1221	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1221	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1232	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1232	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1242	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1242	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1248	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1248	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1254	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1254	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1260	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1260	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1262	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1262	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1268	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Aroclor 1268	***ND***	34		µg/Kg-dry	1	7/5/2018 4:33:56 PM
Surr: Decachlorobiphenyl	***80.0***	48.1-152		%REC	1	7/5/2018 4:33:56 PM
Surr: Decachlorobiphenyl	***54.4***	48.1-152		%REC	1	7/5/2018 4:33:56 PM

PRELIMINARY

Adirondack Environmental Services, Inc

Date: *10-Jul-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-070218
Work Order:	180703065	**Collection Date:**	7/2/2018
Reference:	CHGEC- Lloyd, NY /	**Lab Sample ID:**	180703065-004
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 7/6/2018)						
2,4,5-TP (Silvex)	***ND***	313		µg/Kg-dry	1	7/6/2018 11:39:03 AM
Surr: Acifluorfen	***98.5***	51.2-145		%REC	1	7/6/2018 11:39:03 AM
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 7/5/2018)						
Dimethoate	***ND***	210		µg/Kg-dry	1	7/9/2018 11:20:32 AM
Disulfoton	***ND***	210		µg/Kg-dry	1	7/9/2018 11:20:32 AM
Ethyl Parathion	***ND***	210		µg/Kg-dry	1	7/9/2018 11:20:32 AM
Famphur	***ND***	210		µg/Kg-dry	1	7/9/2018 11:20:32 AM
Methyl parathion	***ND***	210		µg/Kg-dry	1	7/9/2018 11:20:32 AM
Phorate	***ND***	210		µg/Kg-dry	1	7/9/2018 11:20:32 AM
Thionazin	***ND***	210		µg/Kg-dry	1	7/9/2018 11:20:32 AM
Surr: Triphenyl phosphine	***115***	58.9-167		%REC	1	7/9/2018 11:20:32 AM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 7/9/2018)						
Mercury	***ND***	0.209		µg/g-dry	1	7/9/2018 11:26:52 AM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 7/9/2018)						
Arsenic	***5.11***	1.04		µg/g-dry	1	7/9/2018 3:39:00 PM
Barium	***47.4***	2.09		µg/g-dry	1	7/9/2018 3:39:00 PM
Beryllium	***ND***	1.04		µg/g-dry	1	7/9/2018 3:39:00 PM
Cadmium	***ND***	1.04		µg/g-dry	1	7/9/2018 3:39:00 PM
Chromium	***6.96***	1.04		µg/g-dry	1	7/9/2018 3:39:00 PM
Copper	***5.93***	1.04		µg/g-dry	1	7/9/2018 3:39:00 PM
Lead	***3.89***	1.04		µg/g-dry	1	7/9/2018 3:39:00 PM
Manganese	***108***	2.09		µg/g-dry	1	7/9/2018 3:39:00 PM
Nickel	***6.64***	4.18		µg/g-dry	1	7/9/2018 3:39:00 PM
Selenium	***ND***	1.04		µg/g-dry	1	7/9/2018 3:39:00 PM
Silver	***ND***	2.09		µg/g-dry	1	7/9/2018 3:39:00 PM
Thallium	***ND***	2.09		µg/g-dry	1	7/9/2018 3:39:00 PM
Zinc	***23.8***	2.09		µg/g-dry	1	7/9/2018 3:39:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 7/9/2018)						
Phenol	***ND***	260		µg/Kg-dry	1	7/10/2018 12:43:00 PM
2-Methylphenol	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
4-Methylphenol & 3-Methlyphenol	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Naphthalene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM

PRELIMINARY

Adirondack Environmental Services, Inc

Date: *10-Jul-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	DUP-070218
Work Order:	180703065	**Collection Date:**	7/2/2018
Reference:	CHGEC- Lloyd, NY /	**Lab Sample ID:**	180703065-004
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 7/9/2018)						
Acenaphthylene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Acenaphthene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Dibenzofuran	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Fluorene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Hexachlorobenzene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Pentachlorophenol	***ND***	1700		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Phenanthrene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Anthracene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Fluoranthene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Pyrene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Benz(a)anthracene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Chrysene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Benzo(b)fluoranthene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Benzo(k)fluoranthene	***ND***	260		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Benzo(a)pyrene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Indeno(1,2,3-cd)pyrene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Dibenz(a,h)anthracene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Benzo(g,h,i)perylene	***ND***	340		µg/Kg-dry	1	7/10/2018 12:43:00 PM
Surr: 2,4,6-Tribromophenol	***46.5***	26.5-126		%REC	1	7/10/2018 12:43:00 PM
Surr: 2-Fluorobiphenyl	***77.5***	52.1-124		%REC	1	7/10/2018 12:43:00 PM
Surr: 2-Fluorophenol	***53.9***	30.3-104		%REC	1	7/10/2018 12:43:00 PM
Surr: 4-Terphenyl-d14	***91.2***	51.1-134		%REC	1	7/10/2018 12:43:00 PM
Surr: Nitrobenzene-d5	***60.9***	41.2-120		%REC	1	7/10/2018 12:43:00 PM
Surr: Phenol-d5	***57.9***	27-122		%REC	1	7/10/2018 12:43:00 PM
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 7/5/2018)						
Cyanide	***ND***	0.52		µg/g-dry	1	7/6/2018 4:11:21 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **DAA**
Chromium, Hexavalent	***ND***	1.0	C	µg/g-dry	1	7/10/2018
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	***4.3***	0.1		wt%	1	7/9/2018

PRELIMINARY

General Fill_GF-1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

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

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? yes

Is this soil originating from the site? no

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

If greater than 1000 cubic yards will be imported, enter volume to be imported: 2000

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

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

Nine (9) discrete samples were collected and analyzed for VOCs. Three (3) composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

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

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

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

Acceptable:
Pest/PCBs - ND
SVOCs - ND
VOCs - ND or <SCOs
Metals - <SCOs"

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

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

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

McCarey Landscaping Owner of property providing General Fill

Location where fill was obtained:

298 Winterton Rd Bloomingburgh NY

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

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

McCarey will purchase material off etetz Sons @ 298 Bloomingburgh Rd & screen & add organics. & then Load & haul to Abscape JOB in Highland NY

Provide a list of supporting documentation included with this request:

Physical properties (gradation, organic content)
Analytical Summary Tables and Lab Data Sheets

The information provided on this form is accurate and complete.

Signature

8-26-18
Date

Tim McCaley
Print Name

McCaley Landscaping Inc
Firm

Revised August 2014

ATLANTIC TESTING LABORATORIES

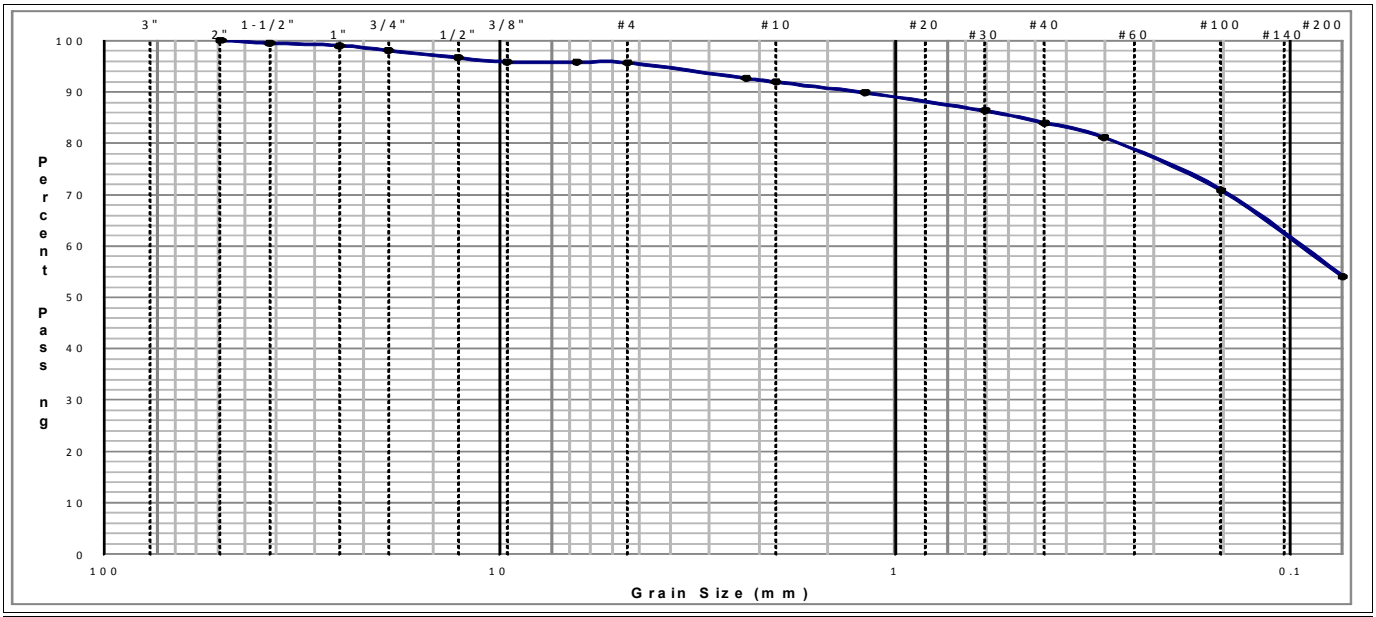
PARTICLE SIZE ANALYSIS REPORT No.: PT1504SL-025-05-18

WBE certified company

Client: Abscope Environmental, Inc.
Project: Central Hudson Gas & Electric
Poughkeepsie, NY

Location: GF(M)1-051618

Sample Date: May 17, 2018
Sampled By: D. Snyder
Service Order No.: 6556
Sample No.: GF(M)1-051618



% +3"	% Gravel			% Sand		
	Coarse	Medium	Fine	Coarse	Medium	Fine
0	2	2	0	4	8	30

% Fines: 54

SIEVE SIZE	PERCENT FINER	SPEC. LOW	SPEC. HIGH	OUT OF SPEC. (X)
2 in	100			
1 1/2 in	99			
1.00 in	99			
3/4 in	98			
1/2 in	97			
3/8 in	96			
1/4 in	96			
No. 4	96	90	100	
No. 8	93			
No. 10	92			
No. 16	90			
No. 30	86			
No. 40	84	55	80	x
No. 50	81			
No. 100	71			
No. 200	54	60.0	80.0	x

PT1504 Standard

Soil Description

General Fill Material

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D_{85} = 0.4893 D_{60} = 0.0946 D_{50} = ---
D_{30} = --- D_{15} = --- D_{10} = ---
C_u = --- C_c = ---

Classification

USCS= AASHTO=

Remarks

Delivered by Client on May 17, 2018
ASTM D 422 without Hydrometer

Reviewed by: _____ Date: May 24, 2018

ATLANTIC TESTING LABORATORIES

Poughkeepsie
251 Upper North Road
Highland, NY 12528
845-691-6098 (T)
845-691-6099 (F)

WBE certified company

May 25, 2018

Abscope Environmental, Inc.
7086 Commercial Dr.
Canastota, NY 13032

Attn: Jon LeMessurier

Re: Soil Laboratory Testing
Central Hudson Gas & Electric
Poughkeepsie, NY
ATL Report No.: PT1504SL-024-05-18

Dear Jon,

On May 17, 2018 our representative obtained one sample of Soil material from GF(M)1-051618 and delivered it to our Poughkeepsie, New York facility for testing. A pH of Soils in accordance with ASTM D 4972, and Moisture, Ash, and Organic Matter of Peat and Other Organic Soils in accordance with ASTM D 2974 were performed on this sample. The results follow:

pH of SOILS
ASTM D 4972 / ASTM D 2974

ATL Sample No.	pH	Project Specification	Test Method	Sieved Fraction	Soaking Procedure
GF(M)1-051618-1	7.1		A	#10	Distilled Water

PERCENT ORGANICS, ASH CONTENT, AND MOISTURE CONTENT
ASTM D 2974

ATL Sample No.	Organics (%)	Project Specification	Oven Drying Temperature (ºC)	Ash (%)	Project Specification	Moisture (%)	Test Method A	Furnace Temperature (ºC)
F(M)1-051618	3.8	2	110	96.2		25	Oven-Dried	440

Please contact our office should you have any questions or if we may be of further service.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

Dylan Snyder

Dylan E. Snyder
Assistant Operations Manager
dsnyder@atlantictesting.com

DES/KEJ
cc: Jon LeMessurier, Abscope Environmental, Inc., 7086 Commercial Dr., Canastota NY 13032

Analytical Results - Discrete Sampling

DRAFT

Material Type / Product (Source)	Criteria	General Fill									
		General Fill 1 (McCarey)									
Sample ID		M-GF1-52	M-GF1-53	M-GF1-54	M-GF1-55	M-GF1-56	M-GF1-57	M-GF1-58	M-GF1-59	M-GF1-60	M-GF1-61
Sample Date		6/11/2018	6/11/2018	6/11/2018	6/11/2018	6/11/2018	6/11/2018	6/11/2018	6/11/2018	6/11/2018	6/11/2018
Volatiles (ppb, µg/kg)											
Vinyl chloride	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Methylene chloride	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Acetone	50	**17 N**	ND	**16**	**5 J**	**5 J**	**4 J**	ND	**8 J**	ND	**7 J [6 J]**
1,1-Dichloroethene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,1-Dichloroethane	270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
trans-1,2-Dichloroethene	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
cis-1,2-Dichloroethene	250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Chloroform	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,2-Dichloroethane	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Methyl ethyl ketone (2-Butanone)	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Carbon tetrachloride	760	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Trichloroethene	470	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Benzene	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Tetrachloroethene	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Toluene	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Chlorobenzene	1100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Ethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Xylene, Total	260	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
o-Xylene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
Methyl tert-butyl ether	930	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,3-Dichlorobenzene	2400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,2-Dichlorobenzene	1100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,4-Dichlorobenzene	1800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,4-Dioxane	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
sec-Butylbenzene	11000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
4-Isopropyltoluene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
n-Butylbenzene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,3,5-Trimethylbenzene	8400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
tert-Butylbenzene	5900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
1,2,4-Trimethylbenzene	3600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]
n-Propylbenzene	3900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND [ND]

Note: Data not validated; lab qualifiers are shown.

Lab Qualifiers:

J: Analyte detected below quantitation limits.

Analytical Results - Composite Samples

DRAFT

Material Type / Product (Source) / Sample ID / Sample Date	Criteria	General Fill / General Fill 1 / M-GF1-49 / 6/11/2018	General Fill / General Fill 1 / M-GF1-50 / 6/11/2018	General Fill / General Fill 1 / M-GF1-51 / 6/11/2018
Metals (ppm or ug/g or mg/kg)				
Arsenic	13	**0.55 J [1.02 J]**	**0.51 J**	**0.86 J**
Barium	350	**42.4 [50.0]**	**75.7**	**91.5**
Beryllium	7.2	**0.32 J [0.32]**	**0.54 J**	**0.70 J**
Cadmium	2.5	ND **[0.32]**	**0.05 J**	**0.10 J**
Chromium	--	**8.78 [7.32]**	**10.9**	**15**
Chromium, hexavalent	1	ND [ND]	ND	ND
Chromium, trivalent	30	--	--	--
Copper	50	**9.94 [12.5]**	**16.9**	**23.2**
Cyanide	27	ND [ND]	ND	ND
Lead	63	**8.36 [9.66]**	**11.7**	**17.3**
Manganese	1,600	**302 [347]**	**484**	**713**
Mercury	0.18	ND [ND]	ND	ND
Nickel	30	**10.9 [12.5]**	**15.4**	**22.1**
Selenium	3.9	ND [ND]	ND	ND
Silver	2.0	ND [ND]	ND	ND
Zinc	109	**37.0 [42.6]**	**52.8**	**75.8**
Pesticides (ppb or ug/kg)				
2,4,5-TP (Silvex)	3,800	ND [ND]	ND	ND
4,4'-DDD	3.3	ND [ND]	ND	ND
4,4'-DDE	3.3	ND [ND]	ND	ND
4,4'-DDT	3.3	ND [ND]	ND	ND
Aldrin	5.0	ND [ND]	ND	ND
alpha-BHC	20	ND [ND]	ND	ND
beta-BHC	36	ND [ND]	ND	ND
Chlordane (alpha)	94	ND [ND]	ND	ND
delta-BHC	40	ND [ND]	ND	ND
Dibenzofuran	7,000	ND [ND]	ND	ND
Dieldrin	5.0	ND [ND]	ND	ND
Endosulfan I	2,400	ND [ND]	ND	ND
Endosulfan II	2,400	ND [ND]	ND	ND
Endosulfan sulfate	2,400	ND [ND]	ND	ND
Endrin	14	ND [ND]	ND	ND
Heptachlor	42	ND [ND]	ND	ND
Lindane (gamma-BHC)	100	ND [ND]	ND	ND
Dimethoate	--	ND [ND]	ND	ND
Disulfoton	--	ND [ND]	ND	ND
Ethyl Parathion	--	ND [ND]	ND	ND
Famphur	--	ND [ND]	ND	ND
Methyl parathion	--	ND [ND]	ND	ND
Phorate	--	ND [ND]	ND	ND
Thionazin	--	ND [ND]	ND	ND

Analytical Results - Composite Samples

DRAFT

Product (Source) / Sample ID / Sample Date	Criteria	General Fill 1		
		M-GF1-49	M-GF1-50	M-GF1-51
		6/11/2018	6/11/2018	6/11/2018
PCBs (ppb or ug/kg)				
Polychlorinated biphenyls	100	ND [ND]	ND	ND
Aroclor 1016	--	ND [ND]	ND	ND
Aroclor 1221	--	ND [ND]	ND	ND
Aroclor 1232	--	ND [ND]	ND	ND
Aroclor 1242	--	ND [ND]	ND	ND
Aroclor 1248	--	ND [ND]	ND	ND
Aroclor 1254	--	ND [ND]	ND	ND
Aroclor 1260	--	ND [ND]	ND	ND
Aroclor 1262	--	ND [ND]	ND	ND
Aroclor 1268	--	ND [ND]	ND	ND
Semivolatiles (ppb, ug/kg)				
Acenaphthene	20,000	ND [ND]	ND	ND
Acenaphthylene	100,000	ND [ND]	ND	ND
Anthracene	100,000	ND [ND]	ND	ND
Benz(a)anthracene	1,000	ND [ND]	ND	ND
Benzo(a)pyrene	1,000	ND [ND]	ND	ND
Benzo(b)fluoranthene	1,000	ND [ND]	ND	ND
Benzo(g,h,i)perylene	100,000	ND [ND]	ND	ND
Benzo(k)fluoranthene	800	ND [ND]	ND	ND
Chrysene	1,000	ND [ND]	ND	ND
Dibenz(a,h)anthracene	330	ND [ND]	ND	ND
Fluoranthene	100,000	ND [ND]	ND	ND
Fluorene	30,000	ND [ND]	ND	ND
Hexachlorobenzene	3,300	ND [ND]	ND	ND
Indeno(1,2,3-cd)pyrene	500	ND [ND]	ND	ND
Naphthalene	12,000	ND [ND]	ND	ND
o-Cresol (2-methylphenol)	330	ND [ND]	ND	ND
m- & p-Cresol (3- & 4-Methylphenol)	--	ND [ND]	ND	ND
m-Cresol	330	--	--	--
p-Cresol	330	--	--	--
Pentachlorophenol	800	ND [ND]	ND	ND
Phenanthrene	100,000	ND [ND]	ND	ND
Phenol	330	ND [ND]	ND	ND
Pyrene	100,000	ND [ND]	ND	ND

Note: Data not validated; lab qualifiers are shown.

Lab Qualifiers:

J: Analyte detected below quantitation limits.
N: Matrix Spike below accepted limits (+ above)
Z: RPD outside accepted recovery limits.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-49
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-001
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
4,4´-DDD	**ND**	3.7		µg/Kg-dry	1	6/11/2018 4:28:46 PM
4,4´-DDE	**ND**	3.7		µg/Kg-dry	1	6/11/2018 4:28:46 PM
4,4´-DDT	**ND**	3.7		µg/Kg-dry	1	6/11/2018 4:28:46 PM
Aldrin	**ND**	1.9		µg/Kg-dry	1	6/11/2018 4:28:46 PM
alpha-BHC	**ND**	1.9		µg/Kg-dry	1	6/11/2018 4:28:46 PM
alpha-Chlordane	**ND**	1.9		µg/Kg-dry	1	6/11/2018 4:28:46 PM
beta-BHC	**ND**	1.9		µg/Kg-dry	1	6/11/2018 4:28:46 PM
delta-BHC	**ND**	1.9		µg/Kg-dry	1	6/11/2018 4:28:46 PM
Dieldrin	**ND**	3.7		µg/Kg-dry	1	6/11/2018 4:28:46 PM
Endosulfan I	**ND**	1.9		µg/Kg-dry	1	6/11/2018 4:28:46 PM
Endosulfan II	**ND**	3.7		µg/Kg-dry	1	6/11/2018 4:28:46 PM
Endosulfan sulfate	**ND**	3.7		µg/Kg-dry	1	6/11/2018 4:28:46 PM
Endrin	**ND**	3.7		µg/Kg-dry	1	6/11/2018 4:28:46 PM
gamma-BHC	**ND**	1.9		µg/Kg-dry	1	6/11/2018 4:28:46 PM
Heptachlor	**ND**	1.9		µg/Kg-dry	1	6/11/2018 4:28:46 PM
Surr: Decachlorobiphenyl	**112**	48.1-135		%REC	1	6/11/2018 4:28:46 PM
Surr: Tetrachloro-m-xylene	**98.2**	44.6-139		%REC	1	6/11/2018 4:28:46 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
Aroclor 1016	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Aroclor 1221	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Aroclor 1232	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Aroclor 1242	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Aroclor 1248	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Aroclor 1254	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Aroclor 1260	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Aroclor 1262	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Aroclor 1268	**ND**	37		µg/Kg-dry	1	6/11/2018 5:01:37 PM
Surr: Decachlorobiphenyl	**114**	48.1-152		%REC	1	6/11/2018 5:01:37 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
2,4,5-TP (Silvex)	**ND**	330		µg/Kg-dry	1	6/11/2018
Surr: Acifluorfen	**87.2**	51.2-145		%REC	1	6/11/2018
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 6/11/2018)						

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S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-49
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-001
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 6/11/2018)						
Dimethoate	**ND**	220	N	µg/Kg-dry	1	6/11/2018 3:40:00 PM
Disulfoton	**ND**	220	N	µg/Kg-dry	1	6/11/2018 3:40:00 PM
Ethyl Parathion	**ND**	220	N	µg/Kg-dry	1	6/11/2018 3:40:00 PM
Famphur	**ND**	220	N	µg/Kg-dry	1	6/11/2018 3:40:00 PM
Methyl parathion	**ND**	220	N	µg/Kg-dry	1	6/11/2018 3:40:00 PM
Phorate	**ND**	220	N	µg/Kg-dry	1	6/11/2018 3:40:00 PM
Thionazin	**ND**	220	N	µg/Kg-dry	1	6/11/2018 3:40:00 PM
Surr: Triphenyl phosphine	**126**	58.9-167		%REC	1	6/11/2018 3:40:00 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 6/12/2018)						
Mercury	**ND**	0.220	N	µg/g-dry	1	6/12/2018 11:43:09 AM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 6/12/2018)						
Arsenic	**0.55**	1.10	J	µg/g-dry	1	6/12/2018 12:14:00 PM
Barium	**42.4**	2.20		µg/g-dry	1	6/12/2018 12:14:00 PM
Beryllium	**0.32**	1.10	J	µg/g-dry	1	6/12/2018 12:14:00 PM
Cadmium	**ND**	1.10		µg/g-dry	1	6/12/2018 12:14:00 PM
Chromium	**8.78**	1.10		µg/g-dry	1	6/12/2018 12:14:00 PM
Copper	**9.94**	1.10		µg/g-dry	1	6/12/2018 12:14:00 PM
Lead	**8.36**	1.10		µg/g-dry	1	6/12/2018 12:14:00 PM
Manganese	**302**	2.20		µg/g-dry	1	6/12/2018 12:14:00 PM
Nickel	**10.9**	4.50		µg/g-dry	1	6/12/2018 12:14:00 PM
Selenium	**ND**	1.10	N	µg/g-dry	1	6/12/2018 12:14:00 PM
Silver	**ND**	2.20	N	µg/g-dry	1	6/12/2018 12:14:00 PM
Zinc	**37.0**	2.20		µg/g-dry	1	6/12/2018 12:14:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 6/11/2018)						
Phenol	**ND**	280		µg/Kg-dry	1	6/12/2018 11:33:00 AM
2-Methylphenol	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
4-Methylphenol & 3-Methlyphenol	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Naphthalene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Acenaphthylene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Acenaphthene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Dibenzofuran	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Fluorene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM

Qualifiers:

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N - Matrix Spike below accepted limits (+ above)
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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-49
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-001
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 6/11/2018)						
Hexachlorobenzene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Pentachlorophenol	**ND**	1800		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Phenanthrene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Fluoranthene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Benz(a)anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Chrysene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Benzo(b)fluoranthene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Benzo(k)fluoranthene	**ND**	280		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Benzo(a)pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Indeno(1,2,3-cd)pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Dibenz(a,h)anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Benzo(g,h,i)perylene	**ND**	360		µg/Kg-dry	1	6/12/2018 11:33:00 AM
Surr: 2,4,6-Tribromophenol	**105**	26.5-126		%REC	1	6/12/2018 11:33:00 AM
Surr: 2-Fluorobiphenyl	**94.3**	52.1-124		%REC	1	6/12/2018 11:33:00 AM
Surr: 2-Fluorophenol	**49.0**	30.3-104		%REC	1	6/12/2018 11:33:00 AM
Surr: 4-Terphenyl-d14	**97.5**	51.1-134		%REC	1	6/12/2018 11:33:00 AM
Surr: Nitrobenzene-d5	**84.5**	41.2-120		%REC	1	6/12/2018 11:33:00 AM
Surr: Phenol-d5	**63.5**	27-122		%REC	1	6/12/2018 11:33:00 AM
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 6/12/2018)						
Cyanide	**ND**	0.56		µg/g-dry	1	6/12/2018 3:27:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **TS**
(Prep: SW3060A - 6/11/2018)						
Chromium, Hexavalent	**ND**	1.1		µg/g-dry	1	6/12/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CA**
pH	**8.7**	1.0		pH Units@74F	1	6/12/2018 12:20:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**10.4**	0.1		wt%	1	6/11/2018

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-49
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-001
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **10145**
Total Organic Carbon	**620**	320		µg/g-dry	1	6/14/2018 12:03:00 PM

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-50
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-002
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
4,4´-DDD	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:29:32 PM
4,4´-DDE	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:29:32 PM
4,4´-DDT	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:29:32 PM
Aldrin	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:29:32 PM
alpha-BHC	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:29:32 PM
alpha-Chlordane	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:29:32 PM
beta-BHC	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:29:32 PM
delta-BHC	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:29:32 PM
Dieldrin	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:29:32 PM
Endosulfan I	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:29:32 PM
Endosulfan II	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:29:32 PM
Endosulfan sulfate	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:29:32 PM
Endrin	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:29:32 PM
gamma-BHC	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:29:32 PM
Heptachlor	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:29:32 PM
Surr: Decachlorobiphenyl	**91.8**	48.1-135		%REC	1	6/11/2018 5:29:32 PM
Surr: Tetrachloro-m-xylene	**77.2**	44.6-139		%REC	1	6/11/2018 5:29:32 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
Aroclor 1016	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Aroclor 1221	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Aroclor 1232	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Aroclor 1242	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Aroclor 1248	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Aroclor 1254	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Aroclor 1260	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Aroclor 1262	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Aroclor 1268	**ND**	36		µg/Kg-dry	1	6/11/2018 5:19:25 PM
Surr: Decachlorobiphenyl	**94.6**	48.1-152		%REC	1	6/11/2018 5:19:25 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
2,4,5-TP (Silvex)	**ND**	330		µg/Kg-dry	1	6/11/2018
Surr: Acifluorfen	**76.9**	51.2-145		%REC	1	6/11/2018
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 6/11/2018)						

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-50
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-002
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 6/11/2018)						
Dimethoate	**ND**	220		µg/Kg-dry	1	6/11/2018 4:14:58 PM
Disulfoton	**ND**	220		µg/Kg-dry	1	6/11/2018 4:14:58 PM
Ethyl Parathion	**ND**	220		µg/Kg-dry	1	6/11/2018 4:14:58 PM
Famphur	**ND**	220		µg/Kg-dry	1	6/11/2018 4:14:58 PM
Methyl parathion	**ND**	220		µg/Kg-dry	1	6/11/2018 4:14:58 PM
Phorate	**ND**	220		µg/Kg-dry	1	6/11/2018 4:14:58 PM
Thionazin	**ND**	220		µg/Kg-dry	1	6/11/2018 4:14:58 PM
Surr: Triphenyl phosphine	**107**	58.9-167		%REC	1	6/11/2018 4:14:58 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 6/12/2018)						
Mercury	**ND**	0.220		µg/g-dry	1	6/12/2018 11:48:11 AM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 6/12/2018)						
Arsenic	**0.51**	1.10	J	µg/g-dry	1	6/12/2018 12:42:00 PM
Barium	**75.7**	2.20		µg/g-dry	1	6/12/2018 12:42:00 PM
Beryllium	**0.54**	1.10	J	µg/g-dry	1	6/12/2018 12:42:00 PM
Cadmium	**0.05**	1.10	J	µg/g-dry	1	6/12/2018 12:42:00 PM
Chromium	**10.9**	1.10		µg/g-dry	1	6/12/2018 12:42:00 PM
Copper	**16.9**	1.10		µg/g-dry	1	6/12/2018 12:42:00 PM
Lead	**11.7**	1.10		µg/g-dry	1	6/12/2018 12:42:00 PM
Manganese	**484**	2.20		µg/g-dry	1	6/12/2018 12:42:00 PM
Nickel	**15.4**	4.40		µg/g-dry	1	6/12/2018 12:42:00 PM
Selenium	**ND**	1.10		µg/g-dry	1	6/12/2018 12:42:00 PM
Silver	**ND**	2.20		µg/g-dry	1	6/12/2018 12:42:00 PM
Zinc	**52.8**	2.20		µg/g-dry	1	6/12/2018 12:42:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 6/11/2018)						
Phenol	**ND**	270		µg/Kg-dry	1	6/12/2018 12:03:00 PM
2-Methylphenol	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
4-Methylphenol & 3-Methlyphenol	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Naphthalene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Acenaphthylene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Acenaphthene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Dibenzofuran	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Fluorene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-50
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-002
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 6/11/2018)						
Hexachlorobenzene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Pentachlorophenol	**ND**	1800		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Phenanthrene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Fluoranthene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Benz(a)anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Chrysene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Benzo(b)fluoranthene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Benzo(k)fluoranthene	**ND**	270		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Benzo(a)pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Indeno(1,2,3-cd)pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Dibenz(a,h)anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Benzo(g,h,i)perylene	**ND**	360		µg/Kg-dry	1	6/12/2018 12:03:00 PM
Surr: 2,4,6-Tribromophenol	**115**	26.5-126		%REC	1	6/12/2018 12:03:00 PM
Surr: 2-Fluorobiphenyl	**98.9**	52.1-124		%REC	1	6/12/2018 12:03:00 PM
Surr: 2-Fluorophenol	**56.7**	30.3-104		%REC	1	6/12/2018 12:03:00 PM
Surr: 4-Terphenyl-d14	**98.9**	51.1-134		%REC	1	6/12/2018 12:03:00 PM
Surr: Nitrobenzene-d5	**88.9**	41.2-120		%REC	1	6/12/2018 12:03:00 PM
Surr: Phenol-d5	**69.5**	27-122		%REC	1	6/12/2018 12:03:00 PM
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 6/12/2018)						
Cyanide	**ND**	0.54		µg/g-dry	1	6/12/2018 3:33:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **TS**
(Prep: SW3060A - 6/11/2018)						
Chromium, Hexavalent	**ND**	1.1		µg/g-dry	1	6/12/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CA**
pH	**8.6**	1.0		pH Units@74F	1	6/12/2018 12:20:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**8.1**	0.1		wt%	1	6/11/2018

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-50
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-002
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **10145**
Total Organic Carbon	**1430**	310		µg/g-dry	1	6/14/2018 5:31:00 PM

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CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-51
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-003
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
4,4´-DDD	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:48:10 PM
4,4´-DDE	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:48:10 PM
4,4´-DDT	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:48:10 PM
Aldrin	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:48:10 PM
alpha-BHC	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:48:10 PM
alpha-Chlordane	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:48:10 PM
beta-BHC	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:48:10 PM
delta-BHC	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:48:10 PM
Dieldrin	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:48:10 PM
Endosulfan I	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:48:10 PM
Endosulfan II	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:48:10 PM
Endosulfan sulfate	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:48:10 PM
Endrin	**ND**	3.6		µg/Kg-dry	1	6/11/2018 5:48:10 PM
gamma-BHC	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:48:10 PM
Heptachlor	**ND**	1.8		µg/Kg-dry	1	6/11/2018 5:48:10 PM
Surr: Decachlorobiphenyl	**103**	48.1-135		%REC	1	6/11/2018 5:48:10 PM
Surr: Tetrachloro-m-xylene	**85.6**	44.6-139		%REC	1	6/11/2018 5:48:10 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
Aroclor 1016	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Aroclor 1221	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Aroclor 1232	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Aroclor 1242	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Aroclor 1248	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Aroclor 1254	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Aroclor 1260	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Aroclor 1262	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Aroclor 1268	**ND**	36		µg/Kg-dry	1	6/11/2018 5:37:09 PM
Surr: Decachlorobiphenyl	**94.4**	48.1-152		%REC	1	6/11/2018 5:37:09 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
2,4,5-TP (Silvex)	**ND**	320		µg/Kg-dry	1	6/11/2018
Surr: Acifluorfen	**76.2**	51.2-145		%REC	1	6/11/2018
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 6/11/2018)						

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S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-51
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-003
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 6/11/2018)						
Dimethoate	**ND**	220		µg/Kg-dry	1	6/11/2018 4:34:48 PM
Disulfoton	**ND**	220		µg/Kg-dry	1	6/11/2018 4:34:48 PM
Ethyl Parathion	**ND**	220		µg/Kg-dry	1	6/11/2018 4:34:48 PM
Famphur	**ND**	220		µg/Kg-dry	1	6/11/2018 4:34:48 PM
Methyl parathion	**ND**	220		µg/Kg-dry	1	6/11/2018 4:34:48 PM
Phorate	**ND**	220		µg/Kg-dry	1	6/11/2018 4:34:48 PM
Thionazin	**ND**	220		µg/Kg-dry	1	6/11/2018 4:34:48 PM
Surr: Triphenyl phosphine	**125**	58.9-167		%REC	1	6/11/2018 4:34:48 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 6/12/2018)						
Mercury	**ND**	0.220		µg/g-dry	1	6/12/2018 11:49:53 AM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 6/12/2018)						
Arsenic	**0.86**	1.10	J	µg/g-dry	1	6/12/2018 12:48:00 PM
Barium	**91.5**	2.20		µg/g-dry	1	6/12/2018 12:48:00 PM
Beryllium	**0.70**	1.10	J	µg/g-dry	1	6/12/2018 12:48:00 PM
Cadmium	**0.10**	1.10	J	µg/g-dry	1	6/12/2018 12:48:00 PM
Chromium	**15.0**	1.10		µg/g-dry	1	6/12/2018 12:48:00 PM
Copper	**23.2**	1.10		µg/g-dry	1	6/12/2018 12:48:00 PM
Lead	**17.3**	1.10		µg/g-dry	1	6/12/2018 12:48:00 PM
Manganese	**713**	2.20		µg/g-dry	1	6/12/2018 12:48:00 PM
Nickel	**22.1**	4.30		µg/g-dry	1	6/12/2018 12:48:00 PM
Selenium	**ND**	1.10		µg/g-dry	1	6/12/2018 12:48:00 PM
Silver	**ND**	2.20		µg/g-dry	1	6/12/2018 12:48:00 PM
Zinc	**75.8**	2.20		µg/g-dry	1	6/12/2018 12:48:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 6/11/2018)						
Phenol	**ND**	270		µg/Kg-dry	1	6/12/2018 12:33:00 PM
2-Methylphenol	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
4-Methylphenol & 3-Methlyphenol	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Naphthalene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Acenaphthylene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Acenaphthene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Dibenzofuran	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Fluorene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM

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N - Matrix Spike below accepted limits (+ above)
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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-51
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-003
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 6/11/2018)						
Hexachlorobenzene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Pentachlorophenol	**ND**	1800		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Phenanthrene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Anthracene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Fluoranthene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Pyrene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Benz(a)anthracene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Chrysene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Benzo(b)fluoranthene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Benzo(k)fluoranthene	**ND**	270		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Benzo(a)pyrene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Indeno(1,2,3-cd)pyrene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Dibenz(a,h)anthracene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Benzo(g,h,i)perylene	**ND**	350		µg/Kg-dry	1	6/12/2018 12:33:00 PM
Surr: 2,4,6-Tribromophenol	**117**	26.5-126		%REC	1	6/12/2018 12:33:00 PM
Surr: 2-Fluorobiphenyl	**99.7**	52.1-124		%REC	1	6/12/2018 12:33:00 PM
Surr: 2-Fluorophenol	**50.6**	30.3-104		%REC	1	6/12/2018 12:33:00 PM
Surr: 4-Terphenyl-d14	**101**	51.1-134		%REC	1	6/12/2018 12:33:00 PM
Surr: Nitrobenzene-d5	**88.8**	41.2-120		%REC	1	6/12/2018 12:33:00 PM
Surr: Phenol-d5	**67.8**	27-122		%REC	1	6/12/2018 12:33:00 PM
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 6/12/2018)						
Cyanide	**ND**	0.54		µg/g-dry	1	6/12/2018 3:35:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **TS**
(Prep: SW3060A - 6/11/2018)						
Chromium, Hexavalent	**ND**	1.1		µg/g-dry	1	6/12/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CA**
pH	**8.4**	1.0		pH Units@74F	1	6/12/2018 12:20:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**7.1**	0.1		wt%	1	6/11/2018

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-51
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-003
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **10145**
Total Organic Carbon	**1300**	1100		µg/g-dry	1	6/14/2018 11:03:00 AM

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	Duplicate (-49)
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-004
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
4,4´-DDD	**ND**	3.7		µg/Kg-dry	1	6/11/2018 6:06:47 PM
4,4´-DDE	**ND**	3.7		µg/Kg-dry	1	6/11/2018 6:06:47 PM
4,4´-DDT	**ND**	3.7		µg/Kg-dry	1	6/11/2018 6:06:47 PM
Aldrin	**ND**	1.9		µg/Kg-dry	1	6/11/2018 6:06:47 PM
alpha-BHC	**ND**	1.9		µg/Kg-dry	1	6/11/2018 6:06:47 PM
alpha-Chlordane	**ND**	1.9		µg/Kg-dry	1	6/11/2018 6:06:47 PM
beta-BHC	**ND**	1.9		µg/Kg-dry	1	6/11/2018 6:06:47 PM
delta-BHC	**ND**	1.9		µg/Kg-dry	1	6/11/2018 6:06:47 PM
Dieldrin	**ND**	3.7		µg/Kg-dry	1	6/11/2018 6:06:47 PM
Endosulfan I	**ND**	1.9		µg/Kg-dry	1	6/11/2018 6:06:47 PM
Endosulfan II	**ND**	3.7		µg/Kg-dry	1	6/11/2018 6:06:47 PM
Endosulfan sulfate	**ND**	3.7		µg/Kg-dry	1	6/11/2018 6:06:47 PM
Endrin	**ND**	3.7		µg/Kg-dry	1	6/11/2018 6:06:47 PM
gamma-BHC	**ND**	1.9		µg/Kg-dry	1	6/11/2018 6:06:47 PM
Heptachlor	**ND**	1.9		µg/Kg-dry	1	6/11/2018 6:06:47 PM
Surr: Decachlorobiphenyl	**99.0**	48.1-135		%REC	1	6/11/2018 6:06:47 PM
Surr: Tetrachloro-m-xylene	**69.2**	44.6-139		%REC	1	6/11/2018 6:06:47 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
Aroclor 1016	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Aroclor 1221	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Aroclor 1232	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Aroclor 1242	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Aroclor 1248	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Aroclor 1254	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Aroclor 1260	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Aroclor 1262	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Aroclor 1268	**ND**	37		µg/Kg-dry	1	6/11/2018 6:54:26 PM
Surr: Decachlorobiphenyl	**82.6**	48.1-152		%REC	1	6/11/2018 6:54:26 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 6/11/2018)						
2,4,5-TP (Silvex)	**ND**	340		µg/Kg-dry	1	6/11/2018
Surr: Acifluorfen	**63.6**	51.2-145		%REC	1	6/11/2018
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 6/11/2018)						

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	Duplicate (-49)
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-004
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 6/11/2018)						
Dimethoate	**ND**	220		µg/Kg-dry	1	6/11/2018 5:55:02 PM
Disulfoton	**ND**	220		µg/Kg-dry	1	6/11/2018 5:55:02 PM
Ethyl Parathion	**ND**	220		µg/Kg-dry	1	6/11/2018 5:55:02 PM
Famphur	**ND**	220		µg/Kg-dry	1	6/11/2018 5:55:02 PM
Methyl parathion	**ND**	220		µg/Kg-dry	1	6/11/2018 5:55:02 PM
Phorate	**ND**	220		µg/Kg-dry	1	6/11/2018 5:55:02 PM
Thionazin	**ND**	220		µg/Kg-dry	1	6/11/2018 5:55:02 PM
Surr: Triphenyl phosphine	**87.1**	58.9-167		%REC	1	6/11/2018 5:55:02 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 6/12/2018)						
Mercury	**ND**	0.220		µg/g-dry	1	6/12/2018 11:51:36 AM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 6/12/2018)						
Arsenic	**1.02**	1.10	J	µg/g-dry	1	6/12/2018 12:52:00 PM
Barium	**50.0**	2.20		µg/g-dry	1	6/12/2018 12:52:00 PM
Beryllium	**0.32**	1.10	J	µg/g-dry	1	6/12/2018 12:52:00 PM
Cadmium	**0.07**	1.10	J	µg/g-dry	1	6/12/2018 12:52:00 PM
Chromium	**7.32**	1.10		µg/g-dry	1	6/12/2018 12:52:00 PM
Copper	**12.5**	1.10		µg/g-dry	1	6/12/2018 12:52:00 PM
Lead	**9.66**	1.10		µg/g-dry	1	6/12/2018 12:52:00 PM
Manganese	**347**	2.20		µg/g-dry	1	6/12/2018 12:52:00 PM
Nickel	**12.5**	4.50		µg/g-dry	1	6/12/2018 12:52:00 PM
Selenium	**ND**	1.10		µg/g-dry	1	6/12/2018 12:52:00 PM
Silver	**ND**	2.20		µg/g-dry	1	6/12/2018 12:52:00 PM
Zinc	**42.6**	2.20		µg/g-dry	1	6/12/2018 12:52:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 6/11/2018)						
Phenol	**ND**	270		µg/Kg-dry	1	6/12/2018 1:02:00 PM
2-Methylphenol	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
4-Methylphenol & 3-Methlyphenol	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Naphthalene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Acenaphthylene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Acenaphthene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Dibenzofuran	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Fluorene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	Duplicate (-49)
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-004
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 6/11/2018)						
Hexachlorobenzene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Pentachlorophenol	**ND**	1800		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Phenanthrene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Fluoranthene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Benz(a)anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Chrysene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Benzo(b)fluoranthene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Benzo(k)fluoranthene	**ND**	270		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Benzo(a)pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Indeno(1,2,3-cd)pyrene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Dibenz(a,h)anthracene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Benzo(g,h,i)perylene	**ND**	360		µg/Kg-dry	1	6/12/2018 1:02:00 PM
Surr: 2,4,6-Tribromophenol	**102**	26.5-126		%REC	1	6/12/2018 1:02:00 PM
Surr: 2-Fluorobiphenyl	**93.6**	52.1-124		%REC	1	6/12/2018 1:02:00 PM
Surr: 2-Fluorophenol	**49.2**	30.3-104		%REC	1	6/12/2018 1:02:00 PM
Surr: 4-Terphenyl-d14	**98.4**	51.1-134		%REC	1	6/12/2018 1:02:00 PM
Surr: Nitrobenzene-d5	**82.0**	41.2-120		%REC	1	6/12/2018 1:02:00 PM
Surr: Phenol-d5	**65.1**	27-122		%REC	1	6/12/2018 1:02:00 PM
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 6/12/2018)						
Cyanide	**ND**	0.56		µg/g-dry	1	6/12/2018 3:36:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **TS**
(Prep: SW3060A - 6/11/2018)						
Chromium, Hexavalent	**ND**	1.1		µg/g-dry	1	6/12/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CA**
pH	**8.3**	1.0	Z	pH Units@74F	1	6/12/2018 12:20:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**10.7**	0.1		wt%	1	6/11/2018

Qualifiers:

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E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	Duplicate (-49)
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-004
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **10145**
Total Organic Carbon	**730**	300		µg/g-dry	1	6/14/2018 12:11:00 PM

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E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-52
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-005
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	12		µg/Kg-dry	1	6/12/2018 2:30:00 PM
Methylene chloride	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
Acetone	**17**	12	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,1-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,1-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
trans-1,2-Dichloroethene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
cis-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
Chloroform	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,2-Dichloroethane	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
2-Butanone	**ND**	12	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,1,1-Trichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
Carbon tetrachloride	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
Trichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
Benzene	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
Tetrachloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
Toluene	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
Chlorobenzene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
Ethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
m,p-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
o-Xylene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
Methyl tert-butyl ether	**ND**	6		µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,3-Dichlorobenzene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,2-Dichlorobenzene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,4-Dichlorobenzene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,4-Dioxane	**ND**	120		µg/Kg-dry	1	6/12/2018 2:30:00 PM
sec-Butylbenzene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
4-Isopropyltoluene	**ND**	6	NC	µg/Kg-dry	1	6/12/2018 2:30:00 PM
n-Butylbenzene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,3,5-Trimethylbenzene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
tert-Butylbenzene	**ND**	6	NC	µg/Kg-dry	1	6/12/2018 2:30:00 PM
1,2,4-Trimethylbenzene	**ND**	6	NC	µg/Kg-dry	1	6/12/2018 2:30:00 PM
n-Propylbenzene	**ND**	6	N	µg/Kg-dry	1	6/12/2018 2:30:00 PM
Surr: 1,2-Dichloroethane-d4	**93.2**	64.8-130		%REC	1	6/12/2018 2:30:00 PM
Surr: 4-Bromofluorobenzene	**85.3**	76.8-122		%REC	1	6/12/2018 2:30:00 PM
Surr: Toluene-d8	**110**	78.5-120		%REC	1	6/12/2018 2:30:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

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E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-52
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-005
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**8.9**	0.1		wt%	1	6/11/2018

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-53
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-006
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	10		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Methylene chloride	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Acetone	**ND**	10		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Chloroform	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
2-Butanone	**ND**	10		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Trichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Benzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Tetrachloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Toluene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Chlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Ethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
m,p-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
o-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,4-Dioxane	**ND**	100		µg/Kg-dry	1	6/12/2018 2:53:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
4-Isopropyltoluene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 2:53:00 PM
n-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
tert-Butylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 2:53:00 PM
1,2,4-Trimethylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 2:53:00 PM
n-Propylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 2:53:00 PM
Surr: 1,2-Dichloroethane-d4	**111**	64.8-130		%REC	1	6/12/2018 2:53:00 PM
Surr: 4-Bromofluorobenzene	**94.7**	76.8-122		%REC	1	6/12/2018 2:53:00 PM
Surr: Toluene-d8	**109**	78.5-120		%REC	1	6/12/2018 2:53:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-53
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-006
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**13.0**	0.1		wt%	1	6/11/2018

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-54
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-007
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	11		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Methylene chloride	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Acetone	**16**	11		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Chloroform	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
2-Butanone	**ND**	11		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Trichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Benzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Tetrachloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Toluene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Chlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Ethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
m,p-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
o-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,4-Dioxane	**ND**	110		µg/Kg-dry	1	6/12/2018 3:17:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
4-Isopropyltoluene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 3:17:00 PM
n-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
tert-Butylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 3:17:00 PM
1,2,4-Trimethylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 3:17:00 PM
n-Propylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:17:00 PM
Surr: 1,2-Dichloroethane-d4	**104**	64.8-130		%REC	1	6/12/2018 3:17:00 PM
Surr: 4-Bromofluorobenzene	**102**	76.8-122		%REC	1	6/12/2018 3:17:00 PM
Surr: Toluene-d8	**116**	78.5-120		%REC	1	6/12/2018 3:17:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

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Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-54
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-007
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**9.9**	0.1		wt%	1	6/11/2018

Qualifiers:

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B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
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Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-55
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-008
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	10		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Methylene chloride	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Acetone	**5**	10	J	µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Chloroform	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
2-Butanone	**ND**	10		µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Trichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Benzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Tetrachloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Toluene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Chlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Ethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
m,p-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
o-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,4-Dioxane	**ND**	98		µg/Kg-dry	1	6/12/2018 3:40:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
4-Isopropyltoluene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 3:40:00 PM
n-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
tert-Butylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 3:40:00 PM
1,2,4-Trimethylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 3:40:00 PM
n-Propylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 3:40:00 PM
Surr: 1,2-Dichloroethane-d4	**91.6**	64.8-130		%REC	1	6/12/2018 3:40:00 PM
Surr: 4-Bromofluorobenzene	**98.4**	76.8-122		%REC	1	6/12/2018 3:40:00 PM
Surr: Toluene-d8	**120**	78.5-120		%REC	1	6/12/2018 3:40:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

Qualifiers:

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B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-55
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-008
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**5.9**	0.1		wt%	1	6/11/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-56
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-009
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	10		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Methylene chloride	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Acetone	**5**	10	J	µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Chloroform	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
2-Butanone	**ND**	10		µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Trichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Benzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Tetrachloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Toluene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Chlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Ethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
m,p-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
o-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,4-Dioxane	**ND**	100		µg/Kg-dry	1	6/12/2018 4:04:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
4-Isopropyltoluene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 4:04:00 PM
n-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
tert-Butylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 4:04:00 PM
1,2,4-Trimethylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 4:04:00 PM
n-Propylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:04:00 PM
Surr: 1,2-Dichloroethane-d4	**103**	64.8-130		%REC	1	6/12/2018 4:04:00 PM
Surr: 4-Bromofluorobenzene	**98.9**	76.8-122		%REC	1	6/12/2018 4:04:00 PM
Surr: Toluene-d8	**104**	78.5-120		%REC	1	6/12/2018 4:04:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-56
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-009
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**8.4**	0.1		wt%	1	6/11/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-57
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-010
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	9		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Methylene chloride	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Acetone	**4**	9	J	µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Chloroform	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
2-Butanone	**ND**	9		µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Trichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Benzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Tetrachloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Toluene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Chlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Ethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
m,p-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
o-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,4-Dioxane	**ND**	92		µg/Kg-dry	1	6/12/2018 4:27:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
4-Isopropyltoluene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 4:27:00 PM
n-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
tert-Butylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 4:27:00 PM
1,2,4-Trimethylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 4:27:00 PM
n-Propylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 4:27:00 PM
Surr: 1,2-Dichloroethane-d4	**101**	64.8-130		%REC	1	6/12/2018 4:27:00 PM
Surr: 4-Bromofluorobenzene	**94.9**	76.8-122		%REC	1	6/12/2018 4:27:00 PM
Surr: Toluene-d8	**111**	78.5-120		%REC	1	6/12/2018 4:27:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-57
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-010
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**6.4**	0.1		wt%	1	6/11/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-58
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-011
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	11		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Methylene chloride	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Acetone	**ND**	11		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,1-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,1-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
trans-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
cis-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Chloroform	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,2-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
2-Butanone	**ND**	11		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,1,1-Trichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Carbon tetrachloride	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Trichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Benzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Tetrachloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Toluene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Chlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Ethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
m,p-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
o-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Methyl tert-butyl ether	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,3-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,2-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,4-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,4-Dioxane	**ND**	110		µg/Kg-dry	1	6/12/2018 4:51:00 PM
sec-Butylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
4-Isopropyltoluene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 4:51:00 PM
n-Butylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,3,5-Trimethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
tert-Butylbenzene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 4:51:00 PM
1,2,4-Trimethylbenzene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 4:51:00 PM
n-Propylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 4:51:00 PM
Surr: 1,2-Dichloroethane-d4	**110**	64.8-130		%REC	1	6/12/2018 4:51:00 PM
Surr: 4-Bromofluorobenzene	**92.3**	76.8-122		%REC	1	6/12/2018 4:51:00 PM
Surr: Toluene-d8	**111**	78.5-120		%REC	1	6/12/2018 4:51:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-58
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-011
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**4.1**	0.1		wt%	1	6/11/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-59
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-012
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	11		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Methylene chloride	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Acetone	**8**	11	J	µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,1-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,1-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
trans-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
cis-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Chloroform	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,2-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
2-Butanone	**ND**	11		µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,1,1-Trichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Carbon tetrachloride	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Trichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Benzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Tetrachloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Toluene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Chlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Ethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
m,p-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
o-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Methyl tert-butyl ether	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,3-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,2-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,4-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,4-Dioxane	**ND**	110		µg/Kg-dry	1	6/12/2018 5:14:00 PM
sec-Butylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
4-Isopropyltoluene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 5:14:00 PM
n-Butylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,3,5-Trimethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
tert-Butylbenzene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 5:14:00 PM
1,2,4-Trimethylbenzene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 5:14:00 PM
n-Propylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 5:14:00 PM
Surr: 1,2-Dichloroethane-d4	**84.3**	64.8-130		%REC	1	6/12/2018 5:14:00 PM
Surr: 4-Bromofluorobenzene	**101**	76.8-122		%REC	1	6/12/2018 5:14:00 PM
Surr: Toluene-d8	**113**	78.5-120		%REC	1	6/12/2018 5:14:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-59
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-012
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**6.3**	0.1		wt%	1	6/11/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-60
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-013
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	10		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Methylene chloride	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Acetone	**ND**	10		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Chloroform	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
2-Butanone	**ND**	10		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Trichloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Benzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Tetrachloroethene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Toluene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Chlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Ethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
m,p-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
o-Xylene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,4-Dioxane	**ND**	100		µg/Kg-dry	1	6/12/2018 5:37:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
4-Isopropyltoluene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 5:37:00 PM
n-Butylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
tert-Butylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 5:37:00 PM
1,2,4-Trimethylbenzene	**ND**	5	C	µg/Kg-dry	1	6/12/2018 5:37:00 PM
n-Propylbenzene	**ND**	5		µg/Kg-dry	1	6/12/2018 5:37:00 PM
Surr: 1,2-Dichloroethane-d4	**109**	64.8-130		%REC	1	6/12/2018 5:37:00 PM
Surr: 4-Bromofluorobenzene	**101**	76.8-122		%REC	1	6/12/2018 5:37:00 PM
Surr: Toluene-d8	**108**	78.5-120		%REC	1	6/12/2018 5:37:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-60
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-013
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**6.4**	0.1		wt%	1	6/11/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-61
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-014
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	13		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Methylene chloride	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Acetone	**7**	13	J	µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,1-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,1-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
trans-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
cis-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Chloroform	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,2-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
2-Butanone	**ND**	13		µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,1,1-Trichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Carbon tetrachloride	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Trichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Benzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Tetrachloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Toluene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Chlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Ethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
m,p-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
o-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Methyl tert-butyl ether	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,3-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,2-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,4-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,4-Dioxane	**ND**	130		µg/Kg-dry	1	6/12/2018 6:01:00 PM
sec-Butylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
4-Isopropyltoluene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 6:01:00 PM
n-Butylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,3,5-Trimethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
tert-Butylbenzene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 6:01:00 PM
1,2,4-Trimethylbenzene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 6:01:00 PM
n-Propylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:01:00 PM
Surr: 1,2-Dichloroethane-d4	**97.0**	64.8-130		%REC	1	6/12/2018 6:01:00 PM
Surr: 4-Bromofluorobenzene	**99.6**	76.8-122		%REC	1	6/12/2018 6:01:00 PM
Surr: Toluene-d8	**111**	78.5-120		%REC	1	6/12/2018 6:01:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-GFI-61
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-014
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**7.3**	0.1		wt%	1	6/11/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	Duplicate(61)
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-015
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **MG**
(Prep: SW5035A - 6/12/2018)						
Vinyl chloride	**ND**	13		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Methylene chloride	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Acetone	**6**	13	J	µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,1-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,1-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
trans-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
cis-1,2-Dichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Chloroform	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,2-Dichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
2-Butanone	**ND**	13		µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,1,1-Trichloroethane	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Carbon tetrachloride	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Trichloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Benzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Tetrachloroethene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Toluene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Chlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Ethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
m,p-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
o-Xylene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Methyl tert-butyl ether	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,3-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,2-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,4-Dichlorobenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,4-Dioxane	**ND**	130		µg/Kg-dry	1	6/12/2018 6:24:00 PM
sec-Butylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
4-Isopropyltoluene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 6:24:00 PM
n-Butylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,3,5-Trimethylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
tert-Butylbenzene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 6:24:00 PM
1,2,4-Trimethylbenzene	**ND**	6	C	µg/Kg-dry	1	6/12/2018 6:24:00 PM
n-Propylbenzene	**ND**	6		µg/Kg-dry	1	6/12/2018 6:24:00 PM
Surr: 1,2-Dichloroethane-d4	**94.2**	64.8-130		%REC	1	6/12/2018 6:24:00 PM
Surr: 4-Bromofluorobenzene	**98.1**	76.8-122		%REC	1	6/12/2018 6:24:00 PM
Surr: Toluene-d8	**115**	78.5-120		%REC	1	6/12/2018 6:24:00 PM
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *15-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	Duplicate(61)
Work Order:	**180611031**	**Collection Date:**	6/11/2018
Reference:	Lloyd, NY / DER-10	**Lab Sample ID:**	180611031-015
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **TSZ**
Percent Moisture	**7.3**	0.1	Z	wt%	1	6/11/2018

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Topsoil_McCarey

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

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

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? yes

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 4600

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

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

Nine (9) discrete samples were collected and analyzed for VOCs. Three (3) composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

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

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

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

Acceptable:
Pest/PCBs - ND
SVOCs - ND
VOCs - Within Acceptable Ranges
Metals - 3 of 4 hexavalent non-detect (one (1) additional hexavalent sample collected 6/1/18 = ND)

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

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

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

McCarey Landscaping producer and manufacturer of their own topsoil.

Location where fill was obtained:

80 Tower Drive Middletown N.Y

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

Approved NYS Dot Roadside topSoil

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

McCarey Screen Raw topSoil & Add Compost & Amendments to Adjust pH & organics

Provide a list of supporting documentation included with this request:

Physical properties testing (gradation, pH, and organics)
Analytical data summary table and lab data sheets

The information provided on this form is accurate and complete.

Signature

6-28-18
Date

Tim McCaley
Print Name

McCaley Landscaping Inc
Firm

ATLANTIC TESTING LABORATORIES

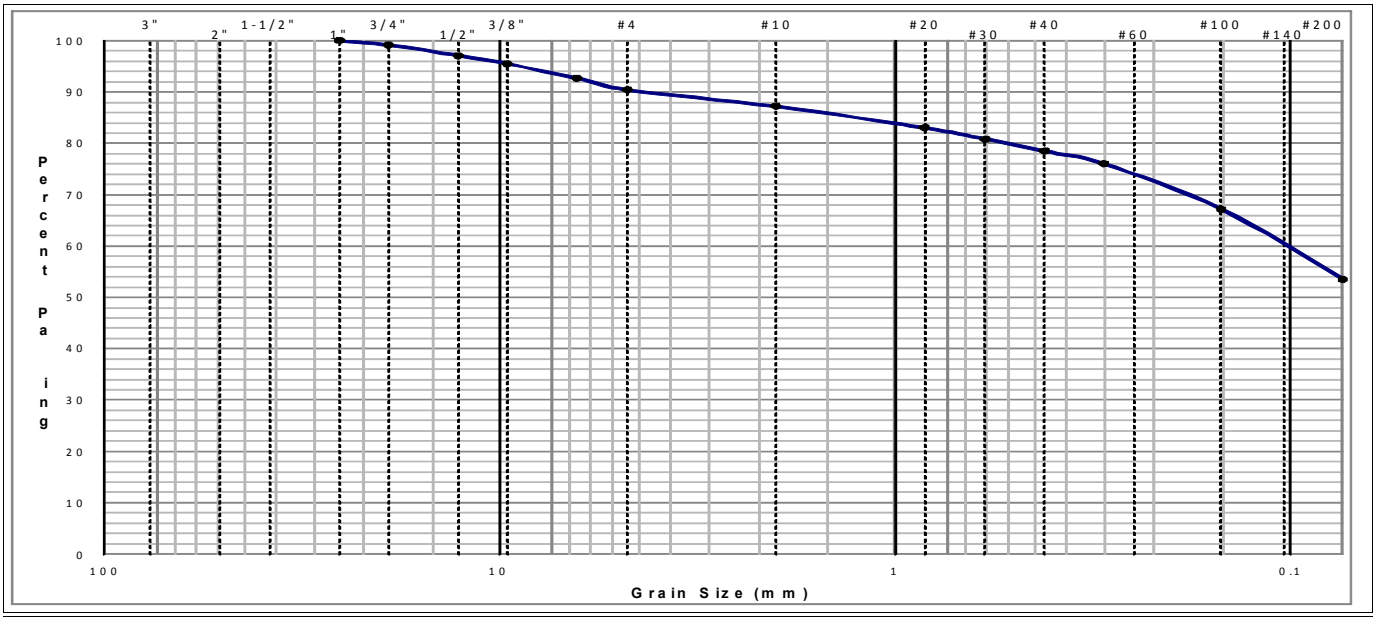
PARTICLE SIZE ANALYSIS REPORT No.: PT1504SL-031-06-18

WBE certified company

Client: Abscope Environmental, Inc.
Project: Central Hudson Gas & Electric
Poughkeepsie, NY

Location: TS(M)-060118

Sample Date: June 01, 2018
Sampled By: CLIENT
Service Order No.: 6942
Sample No.: 6942



% +3"	% Gravel			% Sand		
	Coarse	Medium	Fine	Coarse	Medium	Fine
0	1	4	5	3	9	25

SIEVE SIZE	PERCENT FINER	SPEC. LOW	SPEC. HIGH	OUT OF SPEC. (X)
1.00 in	100	0	100	
3/4 in	99			
1/2 in	97			
3/8 in	95			
1/4 in	93			
No. 4	90			
No. 10	87	90	100	x
No. 20	83			
No. 30	81			
No. 40	78	45	85	
No. 50	76			
No. 100	67			
No. 200	54	25.0	75.0	

Sieves

% Fines: 54

Soil Description

Brown Topsoil

Atterberg Limits

PL= --- LL= --- PI= ---

Coefficients

D_{85} = 1.2750 D_{60} = 0.1029 D_{50} = ---
D_{30} = --- D_{15} = --- D_{10} = ---
C_u = --- C_c = ---

Classification

USCS= AASHTO=

Remarks

Delivered by CLIENT on 6/1/2018.
ASTM D 422 without Hydrometer

Reviewed by: Dylan Snyder Date: Jun 10, 2018

3348 Route 208, Campbell Hall, NY 10916
Phone: 845-496-1600 Fax: 845-496-1398
25 Hathorn Road, Enfield, NH 03748
42 Day Farm Road, West Stockbridge, MA 01266
1813 State Route 7, Harpursville, NY 13787

Client:	**McCarey Landscaping Inc.**	**Project:**	Quality Control 2018
Item:	Topsoil	**Project Number:**	180062
Source:	Middletown, NY	**Lab Number:**	18-0121
Date Sampled:	2/1/2018	**Sampled By:**	Client
Date Tested:	2/6/2018	**Tested By:**	Alvin Alicea

GRADATION (SIEVE ANALYSIS) OF SOIL OR AGGREGATE

Test Method(s): ASTM D422, C136, C117; AASHTO T88, T27, T11

Lab Number	Sample Type	Sampling Location	Specification
18-0121	Topsoil	Stockpile	31 23 05 2.01D Topsoil

Sieve Size		%	%	Spec. %
mm	Inches	Retained	Passing	Pass
100.0 mm	4"	0.0	100	
75.0 mm	3"	0.0	100	
63.0 mm	2 1/2"	0.0	100	
50.0 mm	2"	0.0	100	
37.5 mm	1 1/2"	0.0	100	
25.0 mm	1"	0.0	100	100
19.0 mm	3/4"	0.0	100	
12.5 mm	1/2"	0.0	100	
6.3 mm	1/4"	0.0	100	
4.75 mm	#4	1.3	99	
2.00 mm	#10	7.6	91	90-100
0.850 mm	#20	9.0	82	
0.600 mm	#30	5.4	77	
0.425 mm	#40	4.5	72	45-85
0.150 mm	#100	16.8	55	
0.075 mm	#200	12.6	43	25-75
Pan		42.8		

Comments: **Test results comply with specification**
Minus #200 by wash-sieve method.

Report Reviewed By: Emily J. Rodriguez

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The results in this report relate only to the items inspected or tested.

PDF

3348 Route 208, Campbell Hall, NY 10916
Phone: 845-496-1600 Fax: 845-496-1398
12960 Commerce Lake Drive, A14, Fort Myers, FL 33913
42 Day Farm Road, West Stockbridge, MA 01266
1813 State Route 7, Harpursville, NY 13787

Client:	McCarey Landscaping Inc.	**Project:**	Quality Control 2018
Material:	Topsoil	**Project Number:**	180062
Source:	Middletown, NY	**Lab Number:**	18-0143
Location:	Stockpile	**Item Number:**	31 23 05 2.01D Topsoil
Date Sampled:	2/8/2018	**Sampled By:**	Client
Date Tested:	2/13/2018	**Tested By:**	John Brinsfield

Report of Organic Content of Soils by Loss on Ignition

Test Method: ASTM D2974 Method C

Inorganic Content: **87.6** **%** (Sand, silt, clay, etc.)
Organic Content: **12.4** **%**

Specification: 12% minimum

Comments:

Test results comply with specifications.

Report Reviewed By: Emily J. Rodriguez

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3348 Route 208, Campbell Hall, NY 10916
Phone: 845-496-1600 Fax: 845-496-1398
12960 Commerce Lake Drive, A14, Fort Myers, FL 33913
42 Day Farm Road, West Stockbridge, MA 01266
1813 State Route 7, Harpursville, NY 13787

Client:	McCarey Landscaping Inc.	**Project:**	Quality Control 2018
Material:	Topsoil	**Project Number:**	180062
Source:	Middletown, NY	**Lab Number:**	18-0143
Location:	Stockpile	**Item Number:**	31 23 05 2.01D Topsoil
Date Sampled:	2/8/2018	**Sampled By:**	Client
Date Tested:	2/13/2018	**Tested By:**	John Brinsfield

Report of pH of Soil

Test Method: ASTM D4972 Method A

pH Test Result: 6.4 (in Distilled Water)

N/A (In Calcium Chloride Solution)

Specification 5.5-7.6

Comments: Test result complies with specificaiton

Emily J. Rodriguez

Report Reviewed By: _____

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The results in this report relate only to the items inspected or tested.

PDF

Analytical Results - Discrete Sampling

DRAFT

Material Type / Product (Source)	Criteria	Topsoil								
		Topsoil 1 (McCarey)								
Sample ID		M-TS-01	M-TS-02	M-TS-03	M-TS-04	M-TS-05	M-TS-06	M-TS-07	M-TS-08	M-TS-09
Sample Date		3/22/2018	3/22/2018	3/22/2018	3/22/2018	3/22/2018	3/22/2018	3/22/2018	3/22/2018	3/22/2018
Volatiles (ppb, µg/kg)										
Vinyl chloride	20	<10	<10	<10	<9	<9	<9	<9	<9	<9
Methylene chloride	50	<5	<5	<5	<4	<4	<5	<5	<4	<5
Acetone	50	13 S+	**170 S+**	12 S+	11 S+	<9	8 JS+	<9	<9	<9
1,1-Dichloroethene	330	<5	<5	<5	<4	<4	<5	<5	<4	<5
1,1-Dichloroethane	270	<5	<5	<5	<4	<4	<5	<5	<4	<5
trans-1,2-Dichloroethene	190	<5	<5	<5	<4	<4	<5	<5	<4	<5
cis-1,2-Dichloroethene	250	<5	<5	<5	<4	<4	<5	<5	<4	<5
Chloroform	370	<5	<5	<5	<4	<4	<5	<5	<4	<5
1,2-Dichloroethane	20	<5	<5	<5	<4	<4	<5	<5	<4	<5
Methyl ethyl ketone (2-Butanone)	120	<10	<10	<10	<9	<9	<9	<9	<9	<9
1,1,1-Trichloroethane	680	<5	<5	<5	<4	<4	<5	<5	<4	<5
Carbon tetrachloride	760	<5	<5	<5	<4	<4	<5	<5	<4	<5
Trichloroethene	470	<5	<5	<5	<4	<4	<5	<5	<4	<5
Benzene	60	<5	<5	<5	<4	<4	<5	<5	<4	<5
Tetrachloroethene	1300	<5	<5	<5	<4	<4	<5	<5	<4	<5
Toluene	700	<5	<5	<5	<4	<4	<5	<5	<4	<5
Chlorobenzene	1100	<5	<5	<5	<4	<4	<5	<5	<4	<5
Ethylbenzene	1000	<5	<5	<5	<4	<4	<5	<5	<4	<5
Xylene, Total	260	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	--	<5	<5	<5	<4	<4	<5	<5	<4	<5
o-Xylene	--	<5	<5	<5	<4	<4	<5	<5	<4	<5
Methyl tert-butyl ether	930	<5	<5	<5	<4	<4	<5	<5	<4	<5
1,3-Dichlorobenzene	2400	<5	<5	<5	<4	<4	<5	<5	<4	<5
1,2-Dichlorobenzene	1100	<5	<5	<5	<4	<4	<5	<5	<4	<5
1,4-Dichlorobenzene	1800	<5	<5	<5	<4	<4	<5	<5	<4	<5
1,4-Dioxane	100	29 JB	45 JB	38 JB	34 JB	<88	67 JB	41 JB	50 JB	18 JB
sec-Butylbenzene	11000	<5	<5	<5	<4	<4	<5	<5	<4	<5
4-Isopropyltoluene	--	<5	<5	<5	<4	<4	<5	<5	<4	<5
n-Butylbenzene	12000	<5	<5	<5	<4	<4	<5	<5	<4	<5
1,3,5-Trimethylbenzene	8400	<5	<5	<5	<4	<4	<5	<5	<4	<5
tert-Butylbenzene	5900	<5	<5	<5	<4	<4	<5	<5	<4	<5
1,2,4-Trimethylbenzene	3600	<5	<5	<5	<4	<4	<5	<5	<4	<5
n-Propylbenzene	3900	<5	<5	<5	<4	<4	<5	<5	<4	<5

Note: Data not validated; lab qualifiers are shown.

Lab Qualifiers:
J: Analyte detected below quantitation limits.
B: Analyte detected in associated method blank.
S+: Laboratory control sample spike above acceptable limits.

Analytical Results - Discrete Sampling

DRAFT

Material Type / Product (Source) / Sample ID / Sample Date	Criteria	Topsoil			
		Topsoil 1 (McCarey)			
		M-TS-10	M-TS-11	M-TS-12	M-TS-37
		3/22/2018	3/22/2018	3/22/2018	6/1/2018
Metals (ppm or ug/g or mg/kg)					
Arsenic	13	<1.2	<1.2	<1.3	--
Barium	350	57	58.1	62.2 N	--
Beryllium	7.2	0.35 J	0.35 J	0.37 JN	--
Cadmium	2.5	<1.2	0.05 J	<1.3	--
Chromium	--	7.41	6.27	10.4 N	--
Chromium, hexavalent	1	**1.5**	<1.2	<1.3	<1.3
Chromium, trivalent	30	--	--	--	--
Copper	50	15.2	16.5	17.7 N	--
Cyanide	27	<0.61	<0.62	<0.63	--
Lead	63	9.44	9.36	10.4 N	--
Manganese	1,600	450	484	463 N	--
Mercury	0.18	<0.243	<0.25	<0.251	--
Nickel	30	14.3	13.9	15.0 N	--
Selenium	3.9	<1.2	<1.2	<1.3	--
Silver	2.0	<2.4	<2.5	<2.5	--
Zinc	109	51.8	51.4	56.8 N	--
Pesticides (ppb or ug/kg)					
2,4,5-TP (Silvex)	3,800	<360	<380	<380	--
4,4'-DDD	3.3	<4	<4.1	<4.1	--
4,4'-DDE	3.3	<4	<4.1	<4.1	--
4,4'-DDT	3.3	<4	<4.1	<4.1	--
Aldrin	5.0	<2.1	<2.1	<2.1	--
alpha-BHC	20	<2.1	<2.1	<2.1	--
beta-BHC	36	<2.1	<2.1	<2.1	--
Chlordane (alpha)	94	<2.1	<2.1	<2.1	--
delta-BHC	40	<2.1	<2.1	<2.1	--
Dibenzofuran	7,000	<400	<400	<410	--
Dieldrin	5.0	<4	<4.1	<4.1	--
Endosulfan I	2,400	<2.1	<2.1	<2.1	--
Endosulfan II	2,400	<4	<4.1	<4.1	--
Endosulfan sulfate	2,400	<4	<4.1	<4.1	--
Endrin	14	<4	<4.1	<4.1	--
Heptachlor	42	<2.1	<2.1	<2.1	--
Lindane (gamma-BHC)	100	<2.1	<2.1	<2.1	--
Dimethoate	--	<230	<240	<240	--
Disulfoton	--	<340	<350	<360	--
Ethyl Parathion	--	<230	<240	<240	--
Famphur	--	<230	<240	<240	--
Methyl parathion	--	<230	<240	<240	--
Phorate	--	<230	<240	<240	--
Thionazin	--	<230	<240	<240	--

Analytical Results - Discrete Sampling

DRAFT

Product (Source) / Sample ID / Sample Date	Criteria	Topsoil 1 (McCarey) M-TS-10 3/22/2018	M-TS-11 3/22/2018	M-TS-12 3/22/2018	M-TS-37 6/1/2018
PCBs (ppb or ug/kg)					
Polychlorinated biphenyls	100	ND	ND	ND	--
Aroclor 1016	--	<40	<41	<41	--
Aroclor 1221	--	<40	<41	<41	--
Aroclor 1232	--	<40	<41	<41	--
Aroclor 1242	--	<40	<41	<41	--
Aroclor 1248	--	<40	<41	<41	--
Aroclor 1254	--	<40	<41	<41	--
Aroclor 1260	--	<40	<41	<41	--
Aroclor 1262	--	<40	<41	<41	--
Aroclor 1268	--	<40	<41	<41	--
Semivolatiles (ppb, ug/kg)					
Acenaphthene	20,000	<400	<400	<410	--
Acenaphthylene	100,000	<400	<400	<410	--
Anthracene	100,000	<400	<400	<410	--
Benz(a)anthracene	1,000	<400	<400	<410	--
Benzo(a)pyrene	1,000	<400	<400	<410	--
Benzo(b)fluoranthene	1,000	<400	<400	<410	--
Benzo(g,h,i)perylene	100,000	<400	<400	<410	--
Benzo(k)fluoranthene	800	<300	<310	<310	--
Chrysene	1,000	<400	<400	<410	--
Dibenz(a,h)anthracene	330	<400	<400	<410	--
Fluoranthene	100,000	<400	<400	<410	--
Fluorene	30,000	<400	<400	<410	--
Hexachlorobenzene	3,300	<400	<400	<410	--
Indeno(1,2,3-cd)pyrene	500	<400	<400	<410	--
Naphthalene	12,000	<400	<400	<410	--
o-Cresol (2-methylphenol)	330	<400	<400	<410	--
m- & p-Cresol (3- & 4-Methylphenol)	--	<400	<400	<410	--
m-Cresol	330	--	--	--	--
p-Cresol	330	--	--	--	--
Pentachlorophenol	800	<2000	<2000	<2100	--
Phenanthrene	100,000	<400	<400	<410	--
Phenol	330	<300	<310	<310	--
Pyrene	100,000	<400	<400	<410	--

Note: Data not validated; lab qualifiers are shown.

Lab Qualifiers:

J: Analyte detected below quantitation limits.

N: Matrix Spike below accepted limits (+ above)

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-01
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-001
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	10		µg/Kg	1	4/2/2018 11:44:00 AM
Methylene chloride	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Acetone	**13**	10	SC+	µg/Kg	1	4/2/2018 11:44:00 AM
1,1-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
1,1-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Chloroform	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
1,2-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
2-Butanone	**ND**	10		µg/Kg	1	4/2/2018 11:44:00 AM
1,1,1-Trichloroethane	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Carbon tetrachloride	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Trichloroethene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Benzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Tetrachloroethene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Toluene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Chlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Ethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
m,p-Xylene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
o-Xylene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Methyl tert-butyl ether	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
1,3-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
1,2-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
1,4-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
1,4-Dioxane	**29**	100	JB	µg/Kg	1	4/2/2018 11:44:00 AM
sec-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
4-Isopropyltoluene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
n-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
tert-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
1,2,4-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
n-Propylbenzene	**ND**	5		µg/Kg	1	4/2/2018 11:44:00 AM
Surr: 1,2-Dichloroethane-d4	**110**	64.8-130		%REC	1	4/2/2018 11:44:00 AM
Surr: 4-Bromofluorobenzene	**114**	76.8-122		%REC	1	4/2/2018 11:44:00 AM
Surr: Toluene-d8	**103**	78.5-120		%REC	1	4/2/2018 11:44:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-02
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-002
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	10		µg/Kg	1	4/2/2018 12:09:00 PM
Methylene chloride	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Acetone	**170**	10	SC+	µg/Kg	1	4/2/2018 12:09:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Chloroform	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
2-Butanone	**ND**	10		µg/Kg	1	4/2/2018 12:09:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Trichloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Benzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Tetrachloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Toluene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Chlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Ethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
m,p-Xylene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
o-Xylene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
1,4-Dioxane	**45**	96	JB	µg/Kg	1	4/2/2018 12:09:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
4-Isopropyltoluene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
n-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
tert-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
1,2,4-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
n-Propylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:09:00 PM
Surr: 1,2-Dichloroethane-d4	**101**	64.8-130		%REC	1	4/2/2018 12:09:00 PM
Surr: 4-Bromofluorobenzene	**102**	76.8-122		%REC	1	4/2/2018 12:09:00 PM
Surr: Toluene-d8	**101**	78.5-120		%REC	1	4/2/2018 12:09:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-03
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-003
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	10		µg/Kg	1	4/2/2018 12:33:00 PM
Methylene chloride	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Acetone	**12**	10	SC+	µg/Kg	1	4/2/2018 12:33:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Chloroform	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
2-Butanone	**ND**	10		µg/Kg	1	4/2/2018 12:33:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Trichloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Benzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Tetrachloroethene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Toluene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Chlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Ethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
m,p-Xylene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
o-Xylene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
1,4-Dioxane	**38**	98	JB	µg/Kg	1	4/2/2018 12:33:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
4-Isopropyltoluene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
n-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
tert-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
1,2,4-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
n-Propylbenzene	**ND**	5		µg/Kg	1	4/2/2018 12:33:00 PM
Surr: 1,2-Dichloroethane-d4	**105**	64.8-130		%REC	1	4/2/2018 12:33:00 PM
Surr: 4-Bromofluorobenzene	**100**	76.8-122		%REC	1	4/2/2018 12:33:00 PM
Surr: Toluene-d8	**105**	78.5-120		%REC	1	4/2/2018 12:33:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-04
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-004
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	9		µg/Kg	1	4/2/2018 10:54:00 AM
Methylene chloride	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Acetone	**11**	9	SC+	µg/Kg	1	4/2/2018 10:54:00 AM
1,1-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
1,1-Dichloroethane	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
trans-1,2-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
cis-1,2-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Chloroform	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
1,2-Dichloroethane	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
2-Butanone	**ND**	9		µg/Kg	1	4/2/2018 10:54:00 AM
1,1,1-Trichloroethane	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Carbon tetrachloride	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Trichloroethene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Benzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Tetrachloroethene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Toluene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Chlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Ethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
m,p-Xylene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
o-Xylene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Methyl tert-butyl ether	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
1,3-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
1,2-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
1,4-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
1,4-Dioxane	**34**	90	JB	µg/Kg	1	4/2/2018 10:54:00 AM
sec-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
4-Isopropyltoluene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
n-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
1,3,5-Trimethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
tert-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
1,2,4-Trimethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
n-Propylbenzene	**ND**	4		µg/Kg	1	4/2/2018 10:54:00 AM
Surr: 1,2-Dichloroethane-d4	**99.2**	64.8-130		%REC	1	4/2/2018 10:54:00 AM
Surr: 4-Bromofluorobenzene	**94.4**	76.8-122		%REC	1	4/2/2018 10:54:00 AM
Surr: Toluene-d8	**106**	78.5-120		%REC	1	4/2/2018 10:54:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-05
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-005
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	9		µg/Kg	1	4/2/2018 12:58:00 PM
Methylene chloride	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Acetone	**ND**	9	S	µg/Kg	1	4/2/2018 12:58:00 PM
1,1-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
1,1-Dichloroethane	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
trans-1,2-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
cis-1,2-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Chloroform	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
1,2-Dichloroethane	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
2-Butanone	**ND**	9		µg/Kg	1	4/2/2018 12:58:00 PM
1,1,1-Trichloroethane	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Carbon tetrachloride	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Trichloroethene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Benzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Tetrachloroethene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Toluene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Chlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Ethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
m,p-Xylene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
o-Xylene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Methyl tert-butyl ether	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
1,3-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
1,2-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
1,4-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
1,4-Dioxane	**ND**	88		µg/Kg	1	4/2/2018 12:58:00 PM
sec-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
4-Isopropyltoluene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
n-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
1,3,5-Trimethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
tert-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
1,2,4-Trimethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
n-Propylbenzene	**ND**	4		µg/Kg	1	4/2/2018 12:58:00 PM
Surr: 1,2-Dichloroethane-d4	**114**	64.8-130		%REC	1	4/2/2018 12:58:00 PM
Surr: 4-Bromofluorobenzene	**97.8**	76.8-122		%REC	1	4/2/2018 12:58:00 PM
Surr: Toluene-d8	**102**	78.5-120		%REC	1	4/2/2018 12:58:00 PM

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S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-06
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-006
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	9		µg/Kg	1	4/2/2018 1:23:00 PM
Methylene chloride	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Acetone	**8**	9	JSC+	µg/Kg	1	4/2/2018 1:23:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Chloroform	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
2-Butanone	**ND**	9		µg/Kg	1	4/2/2018 1:23:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Trichloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Benzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Tetrachloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Toluene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Chlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Ethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
m,p-Xylene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
o-Xylene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
1,4-Dioxane	**67**	91	JB	µg/Kg	1	4/2/2018 1:23:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
4-Isopropyltoluene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
n-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
tert-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
1,2,4-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
n-Propylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:23:00 PM
Surr: 1,2-Dichloroethane-d4	**109**	64.8-130		%REC	1	4/2/2018 1:23:00 PM
Surr: 4-Bromofluorobenzene	**102**	76.8-122		%REC	1	4/2/2018 1:23:00 PM
Surr: Toluene-d8	**109**	78.5-120		%REC	1	4/2/2018 1:23:00 PM

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T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-07
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-007
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	9		µg/Kg	1	4/2/2018 1:47:00 PM
Methylene chloride	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Acetone	**ND**	9	S	µg/Kg	1	4/2/2018 1:47:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Chloroform	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
2-Butanone	**ND**	9		µg/Kg	1	4/2/2018 1:47:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Trichloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Benzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Tetrachloroethene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Toluene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Chlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Ethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
m,p-Xylene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
o-Xylene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
1,3-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
1,2-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
1,4-Dichlorobenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
1,4-Dioxane	**41**	93	JB	µg/Kg	1	4/2/2018 1:47:00 PM
sec-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
4-Isopropyltoluene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
n-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
1,3,5-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
tert-Butylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
1,2,4-Trimethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
n-Propylbenzene	**ND**	5		µg/Kg	1	4/2/2018 1:47:00 PM
Surr: 1,2-Dichloroethane-d4	**107**	64.8-130		%REC	1	4/2/2018 1:47:00 PM
Surr: 4-Bromofluorobenzene	**110**	76.8-122		%REC	1	4/2/2018 1:47:00 PM
Surr: Toluene-d8	**106**	78.5-120		%REC	1	4/2/2018 1:47:00 PM

Qualifiers:

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N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-08
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-008
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	9		µg/Kg	1	4/2/2018 2:12:00 PM
Methylene chloride	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Acetone	**ND**	9	S	µg/Kg	1	4/2/2018 2:12:00 PM
1,1-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
1,1-Dichloroethane	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
trans-1,2-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
cis-1,2-Dichloroethene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Chloroform	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
1,2-Dichloroethane	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
2-Butanone	**ND**	9		µg/Kg	1	4/2/2018 2:12:00 PM
1,1,1-Trichloroethane	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Carbon tetrachloride	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Trichloroethene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Benzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Tetrachloroethene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Toluene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Chlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Ethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
m,p-Xylene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
o-Xylene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Methyl tert-butyl ether	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
1,3-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
1,2-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
1,4-Dichlorobenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
1,4-Dioxane	**50**	89	JB	µg/Kg	1	4/2/2018 2:12:00 PM
sec-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
4-Isopropyltoluene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
n-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
1,3,5-Trimethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
tert-Butylbenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
1,2,4-Trimethylbenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
n-Propylbenzene	**ND**	4		µg/Kg	1	4/2/2018 2:12:00 PM
Surr: 1,2-Dichloroethane-d4	**109**	64.8-130		%REC	1	4/2/2018 2:12:00 PM
Surr: 4-Bromofluorobenzene	**106**	76.8-122		%REC	1	4/2/2018 2:12:00 PM
Surr: Toluene-d8	**109**	78.5-120		%REC	1	4/2/2018 2:12:00 PM

Qualifiers:

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J - Analyte detected below quanititation limits
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S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-09
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-009
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS-EPA 8260C (SW5035A PREP)						Analyst: **SMD**
(Prep: SW5035A - 3/23/2018)						
Vinyl chloride	**ND**	9		µg/Kg	1	4/2/2018 2:37:00 PM
Methylene chloride	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
Acetone	**ND**	9	S	µg/Kg	1	4/2/2018 2:37:00 PM
1,1-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
1,1-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
trans-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
cis-1,2-Dichloroethene	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
Chloroform	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
1,2-Dichloroethane	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
2-Butanone	**ND**	9		µg/Kg	1	4/2/2018 2:37:00 PM
1,1,1-Trichloroethane	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
Carbon tetrachloride	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
Trichloroethene	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
Benzene	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
Tetrachloroethene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
Toluene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
Chlorobenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
Ethylbenzene	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
m,p-Xylene	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
o-Xylene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
Methyl tert-butyl ether	**ND**	5		µg/Kg	1	4/2/2018 2:37:00 PM
1,3-Dichlorobenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
1,2-Dichlorobenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
1,4-Dichlorobenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
1,4-Dioxane	**18**	92	JB	µg/Kg	1	4/2/2018 2:37:00 PM
sec-Butylbenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
4-Isopropyltoluene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
n-Butylbenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
1,3,5-Trimethylbenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
tert-Butylbenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
1,2,4-Trimethylbenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
n-Propylbenzene	**ND**	5	N	µg/Kg	1	4/2/2018 2:37:00 PM
Surr: 1,2-Dichloroethane-d4	**117**	64.8-130		%REC	1	4/2/2018 2:37:00 PM
Surr: 4-Bromofluorobenzene	**96.5**	76.8-122		%REC	1	4/2/2018 2:37:00 PM
Surr: Toluene-d8	**100**	78.5-120		%REC	1	4/2/2018 2:37:00 PM

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N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-10
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-010
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
4,4´-DDD	**ND**	4.0		µg/Kg-dry	1	3/28/2018 5:13:25 PM
4,4´-DDE	**ND**	4.0		µg/Kg-dry	1	3/28/2018 5:13:25 PM
4,4´-DDT	**ND**	4.0		µg/Kg-dry	1	3/28/2018 5:13:25 PM
Aldrin	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:13:25 PM
alpha-BHC	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:13:25 PM
alpha-Chlordane	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:13:25 PM
beta-BHC	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:13:25 PM
delta-BHC	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:13:25 PM
Dieldrin	**ND**	4.0		µg/Kg-dry	1	3/28/2018 5:13:25 PM
Endosulfan I	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:13:25 PM
Endosulfan II	**ND**	4.0		µg/Kg-dry	1	3/28/2018 5:13:25 PM
Endosulfan sulfate	**ND**	4.0		µg/Kg-dry	1	3/28/2018 5:13:25 PM
Endrin	**ND**	4.0		µg/Kg-dry	1	3/28/2018 5:13:25 PM
gamma-BHC	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:13:25 PM
Heptachlor	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:13:25 PM
Surr: Decachlorobiphenyl	**56.2**	48.1-135		%REC	1	3/28/2018 5:13:25 PM
Surr: Tetrachloro-m-xylene	**63.4**	44.6-139		%REC	1	3/28/2018 5:13:25 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
Aroclor 1016	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Aroclor 1221	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Aroclor 1232	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Aroclor 1242	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Aroclor 1248	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Aroclor 1254	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Aroclor 1260	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Aroclor 1262	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Aroclor 1268	**ND**	40		µg/Kg-dry	1	3/28/2018 4:41:13 PM
Surr: Decachlorobiphenyl	**90.4**	48.1-152		%REC	1	3/28/2018 4:41:13 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 3/29/2018)						
2,4,5-TP (Silvex)	**ND**	360	S	µg/Kg-dry	1	3/30/2018 3:53:08 PM
Surr: Acifluorfen	**63.8**	51.2-145		%REC	1	3/30/2018 3:53:08 PM
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-10
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-010
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						
Dimethoate	**ND**	230		µg/Kg-dry	1	4/3/2018 5:09:08 PM
Disulfoton	**ND**	340		µg/Kg-dry	1	4/3/2018 5:09:08 PM
Ethyl Parathion	**ND**	230		µg/Kg-dry	1	4/3/2018 5:09:08 PM
Famphur	**ND**	230		µg/Kg-dry	1	4/3/2018 5:09:08 PM
Methyl parathion	**ND**	230		µg/Kg-dry	1	4/3/2018 5:09:08 PM
Phorate	**ND**	230		µg/Kg-dry	1	4/3/2018 5:09:08 PM
Thionazin	**ND**	230		µg/Kg-dry	1	4/3/2018 5:09:08 PM
Surr: Triphenyl phosphine	**96.2**	58.9-167		%REC	1	4/3/2018 5:09:08 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 3/23/2018)						
Mercury	**ND**	0.243		µg/g-dry	1	3/23/2018 2:44:10 PM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 3/23/2018)						
Arsenic	**ND**	1.20		µg/g-dry	1	4/10/2018 2:08:00 PM
Barium	**57.0**	2.40		µg/g-dry	1	4/10/2018 2:08:00 PM
Beryllium	**0.35**	1.20	J	µg/g-dry	1	4/10/2018 2:08:00 PM
Cadmium	**ND**	1.20		µg/g-dry	1	4/10/2018 2:08:00 PM
Chromium	**7.41**	1.20		µg/g-dry	1	4/10/2018 2:08:00 PM
Copper	**15.2**	1.20		µg/g-dry	1	4/10/2018 2:08:00 PM
Lead	**9.44**	1.20		µg/g-dry	1	4/10/2018 2:08:00 PM
Manganese	**450**	2.40		µg/g-dry	1	4/10/2018 2:08:00 PM
Nickel	**14.3**	4.90		µg/g-dry	1	4/10/2018 2:08:00 PM
Selenium	**ND**	1.20		µg/g-dry	1	4/10/2018 2:08:00 PM
Silver	**ND**	2.40		µg/g-dry	1	4/10/2018 2:08:00 PM
Zinc	**51.8**	2.40		µg/g-dry	1	4/10/2018 2:08:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Phenol	**ND**	300		µg/Kg-dry	1	4/4/2018 12:30:00 PM
2-Methylphenol	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
4-Methylphenol & 3-Methlyphenol	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Naphthalene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Acenaphthylene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Acenaphthene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Dibenzofuran	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Fluorene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-10
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-010
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Hexachlorobenzene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Pentachlorophenol	**ND**	2000	C	µg/Kg-dry	1	4/4/2018 12:30:00 PM
Phenanthrene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Anthracene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Fluoranthene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Pyrene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Benz(a)anthracene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Chrysene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Benzo(b)fluoranthene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Benzo(k)fluoranthene	**ND**	300		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Benzo(a)pyrene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Indeno(1,2,3-cd)pyrene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Dibenz(a,h)anthracene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Benzo(g,h,i)perylene	**ND**	400		µg/Kg-dry	1	4/4/2018 12:30:00 PM
Surr: 2,4,6-Tribromophenol	**67.5**	26.5-126		%REC	1	4/4/2018 12:30:00 PM
Surr: 2-Fluorobiphenyl	**86.1**	52.1-124		%REC	1	4/4/2018 12:30:00 PM
Surr: 2-Fluorophenol	**45.3**	30.3-104		%REC	1	4/4/2018 12:30:00 PM
Surr: 4-Terphenyl-d14	**84.3**	51.1-134		%REC	1	4/4/2018 12:30:00 PM
Surr: Nitrobenzene-d5	**76.8**	41.2-120		%REC	1	4/4/2018 12:30:00 PM
Surr: Phenol-d5	**63.5**	27-122		%REC	1	4/4/2018 12:30:00 PM
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **PL**
Total Organic Carbon	**18200**	200	S+	µg/g-dry	1	4/2/2018
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 3/26/2018)						
Cyanide	**ND**	0.61		µg/g-dry	1	3/27/2018 4:34:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **MB**
(Prep: SW3060A - 3/29/2018)						
Chromium, Hexavalent	**1.5**	1.2		µg/g-dry	1	4/3/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CC**
pH	**7.9**	1.0		pH Units@71F	1	4/5/2018 2:45:00 PM

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-10
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-010
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **SMD**
Percent Moisture	**17.6**	0.1		wt%	1	4/2/2018

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-11
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-011
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
4,4´-DDD	**ND**	4.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
4,4´-DDE	**ND**	4.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
4,4´-DDT	**ND**	4.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
Aldrin	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
alpha-BHC	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
alpha-Chlordane	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
beta-BHC	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
delta-BHC	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
Dieldrin	**ND**	4.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
Endosulfan I	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
Endosulfan II	**ND**	4.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
Endosulfan sulfate	**ND**	4.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
Endrin	**ND**	4.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
gamma-BHC	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
Heptachlor	**ND**	2.1		µg/Kg-dry	1	3/28/2018 5:32:01 PM
Surr: Decachlorobiphenyl	**57.8**	48.1-135		%REC	1	3/28/2018 5:32:01 PM
Surr: Tetrachloro-m-xylene	**62.8**	44.6-139		%REC	1	3/28/2018 5:32:01 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
Aroclor 1016	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Aroclor 1221	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Aroclor 1232	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Aroclor 1242	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Aroclor 1248	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Aroclor 1254	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Aroclor 1260	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Aroclor 1262	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Aroclor 1268	**ND**	41		µg/Kg-dry	1	3/28/2018 4:54:37 PM
Surr: Decachlorobiphenyl	**90.6**	48.1-152		%REC	1	3/28/2018 4:54:37 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 3/29/2018)						
2,4,5-TP (Silvex)	**ND**	380	S	µg/Kg-dry	1	3/30/2018 4:09:45 PM
Surr: Acifluorfen	**65.9**	51.2-145		%REC	1	3/30/2018 4:09:45 PM
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						

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Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-11
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-011
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						
Dimethoate	**ND**	240		µg/Kg-dry	1	4/3/2018 5:28:58 PM
Disulfoton	**ND**	350		µg/Kg-dry	1	4/3/2018 5:28:58 PM
Ethyl Parathion	**ND**	240		µg/Kg-dry	1	4/3/2018 5:28:58 PM
Famphur	**ND**	240		µg/Kg-dry	1	4/3/2018 5:28:58 PM
Methyl parathion	**ND**	240		µg/Kg-dry	1	4/3/2018 5:28:58 PM
Phorate	**ND**	240		µg/Kg-dry	1	4/3/2018 5:28:58 PM
Thionazin	**ND**	240		µg/Kg-dry	1	4/3/2018 5:28:58 PM
Surr: Triphenyl phosphine	**180**	58.9-167	S	%REC	1	4/3/2018 5:28:58 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 3/23/2018)						
Mercury	**ND**	0.250		µg/g-dry	1	3/23/2018 2:45:53 PM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 3/23/2018)						
Arsenic	**ND**	1.20		µg/g-dry	1	4/10/2018 2:30:00 PM
Barium	**58.1**	2.50		µg/g-dry	1	4/10/2018 2:30:00 PM
Beryllium	**0.35**	1.20	J	µg/g-dry	1	4/10/2018 2:30:00 PM
Cadmium	**0.05**	1.20	J	µg/g-dry	1	4/10/2018 2:30:00 PM
Chromium	**6.27**	1.20		µg/g-dry	1	4/10/2018 2:30:00 PM
Copper	**16.5**	1.20		µg/g-dry	1	4/10/2018 2:30:00 PM
Lead	**9.36**	1.20		µg/g-dry	1	4/10/2018 2:30:00 PM
Manganese	**484**	2.50		µg/g-dry	1	4/10/2018 2:30:00 PM
Nickel	**13.9**	5.00		µg/g-dry	1	4/10/2018 2:30:00 PM
Selenium	**ND**	1.20		µg/g-dry	1	4/10/2018 2:30:00 PM
Silver	**ND**	2.50		µg/g-dry	1	4/10/2018 2:30:00 PM
Zinc	**51.4**	2.50		µg/g-dry	1	4/10/2018 2:30:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Phenol	**ND**	310		µg/Kg-dry	1	4/4/2018 1:01:00 PM
2-Methylphenol	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
4-Methylphenol & 3-Methlyphenol	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Naphthalene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Acenaphthylene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Acenaphthene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Dibenzofuran	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Fluorene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM

Qualifiers:

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X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-11
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-011
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Hexachlorobenzene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Pentachlorophenol	**ND**	2000	C	µg/Kg-dry	1	4/4/2018 1:01:00 PM
Phenanthrene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Anthracene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Fluoranthene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Pyrene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Benz(a)anthracene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Chrysene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Benzo(b)fluoranthene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Benzo(k)fluoranthene	**ND**	310		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Benzo(a)pyrene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Indeno(1,2,3-cd)pyrene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Dibenz(a,h)anthracene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Benzo(g,h,i)perylene	**ND**	400		µg/Kg-dry	1	4/4/2018 1:01:00 PM
Surr: 2,4,6-Tribromophenol	**80.4**	26.5-126		%REC	1	4/4/2018 1:01:00 PM
Surr: 2-Fluorobiphenyl	**84.1**	52.1-124		%REC	1	4/4/2018 1:01:00 PM
Surr: 2-Fluorophenol	**49.3**	30.3-104		%REC	1	4/4/2018 1:01:00 PM
Surr: 4-Terphenyl-d14	**84.6**	51.1-134		%REC	1	4/4/2018 1:01:00 PM
Surr: Nitrobenzene-d5	**76.2**	41.2-120		%REC	1	4/4/2018 1:01:00 PM
Surr: Phenol-d5	**66.2**	27-122		%REC	1	4/4/2018 1:01:00 PM
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **PL**
Total Organic Carbon	**19200**	200	S+	µg/g-dry	1	4/2/2018
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 3/26/2018)						
Cyanide	**ND**	0.62		µg/g-dry	1	3/27/2018 4:36:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **MB**
(Prep: SW3060A - 3/29/2018)						
Chromium, Hexavalent	**ND**	1.2		µg/g-dry	1	4/3/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CC**
pH	**7.9**	1.0		pH Units@72F	1	4/5/2018 2:45:00 PM

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-11
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-011
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **SMD**
Percent Moisture	**20.0**	0.1		wt%	1	4/2/2018

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S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-12
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-012
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES - EPA 8081B						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
4,4´-DDD	**ND**	4.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
4,4´-DDE	**ND**	4.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
4,4´-DDT	**ND**	4.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
Aldrin	**ND**	2.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
alpha-BHC	**ND**	2.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
alpha-Chlordane	**ND**	2.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
beta-BHC	**ND**	2.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
delta-BHC	**ND**	2.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
Dieldrin	**ND**	4.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
Endosulfan I	**ND**	2.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
Endosulfan II	**ND**	4.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
Endosulfan sulfate	**ND**	4.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
Endrin	**ND**	4.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
gamma-BHC	**ND**	2.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
Heptachlor	**ND**	2.1	N	µg/Kg-dry	1	3/28/2018 5:50:28 PM
Surr: Decachlorobiphenyl	**52.6**	48.1-135		%REC	1	3/28/2018 5:50:28 PM
Surr: Tetrachloro-m-xylene	**60.8**	44.6-139		%REC	1	3/28/2018 5:50:28 PM
POLYCHLORINATED BIPHENYLS - EPA 8082A						Analyst: **KF**
(Prep: SW3545A - 3/26/2018)						
Aroclor 1016	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Aroclor 1221	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Aroclor 1232	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Aroclor 1242	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Aroclor 1248	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Aroclor 1254	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Aroclor 1260	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Aroclor 1262	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Aroclor 1268	**ND**	41		µg/Kg-dry	1	3/28/2018 5:08:04 PM
Surr: Decachlorobiphenyl	**81.6**	48.1-152		%REC	1	3/28/2018 5:08:04 PM
CHLORINATED HERBICIDES - EPA 8321B						Analyst: **KF**
(Prep: SW3545A - 3/29/2018)						
2,4,5-TP (Silvex)	**ND**	380	S	µg/Kg-dry	1	3/30/2018 4:26:22 PM
Surr: Acifluorfen	**77.9**	51.2-145		%REC	1	3/30/2018 4:26:22 PM
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-12
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-012
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ORGANO-PHOSPHORUS PESTICIDES-EPA 8141B						Analyst: **TS**
(Prep: SW3545A - 3/29/2018)						
Dimethoate	**ND**	240	N	µg/Kg-dry	1	4/3/2018 5:48:50 PM
Disulfoton	**ND**	360		µg/Kg-dry	1	4/3/2018 5:48:50 PM
Ethyl Parathion	**ND**	240		µg/Kg-dry	1	4/3/2018 5:48:50 PM
Famphur	**ND**	240		µg/Kg-dry	1	4/3/2018 5:48:50 PM
Methyl parathion	**ND**	240		µg/Kg-dry	1	4/3/2018 5:48:50 PM
Phorate	**ND**	240		µg/Kg-dry	1	4/3/2018 5:48:50 PM
Thionazin	**ND**	240		µg/Kg-dry	1	4/3/2018 5:48:50 PM
Surr: Triphenyl phosphine	**80.5**	58.9-167		%REC	1	4/3/2018 5:48:50 PM
MERCURY - SW 7471B						Analyst: **AVB**
(Prep: SW7471B - 3/23/2018)						
Mercury	**ND**	0.251		µg/g-dry	1	3/23/2018 2:47:33 PM
ICP METALS EPA 6010C						Analyst: **KH**
(Prep: SW3050B - 3/23/2018)						
Arsenic	**ND**	1.30	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Barium	**62.2**	2.50	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Beryllium	**0.37**	1.30	JN	µg/g-dry	1	4/10/2018 2:40:00 PM
Cadmium	**ND**	1.30	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Chromium	**10.4**	1.30	NZ	µg/g-dry	1	4/10/2018 2:40:00 PM
Copper	**17.7**	1.30	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Lead	**10.4**	1.30	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Manganese	**463**	2.50	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Nickel	**15.0**	5.00	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Selenium	**ND**	1.30	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Silver	**ND**	2.50	N	µg/g-dry	1	4/10/2018 2:40:00 PM
Zinc	**56.8**	2.50	N	µg/g-dry	1	4/10/2018 2:40:00 PM
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Phenol	**ND**	310		µg/Kg-dry	1	4/4/2018 1:33:00 PM
2-Methylphenol	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
4-Methylphenol & 3-Methlyphenol	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Naphthalene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Acenaphthylene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Acenaphthene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Dibenzofuran	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Fluorene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-12
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-012
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANICS - EPA 8270D						Analyst: **MT**
(Prep: SW3545A - 3/27/2018)						
Hexachlorobenzene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Pentachlorophenol	**ND**	2100	C	µg/Kg-dry	1	4/4/2018 1:33:00 PM
Phenanthrene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Anthracene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Fluoranthene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Pyrene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Benz(a)anthracene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Chrysene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Benzo(b)fluoranthene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Benzo(k)fluoranthene	**ND**	310		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Benzo(a)pyrene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Indeno(1,2,3-cd)pyrene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Dibenz(a,h)anthracene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Benzo(g,h,i)perylene	**ND**	410		µg/Kg-dry	1	4/4/2018 1:33:00 PM
Surr: 2,4,6-Tribromophenol	**92.3**	26.5-126		%REC	1	4/4/2018 1:33:00 PM
Surr: 2-Fluorobiphenyl	**83.1**	52.1-124		%REC	1	4/4/2018 1:33:00 PM
Surr: 2-Fluorophenol	**48.6**	30.3-104		%REC	1	4/4/2018 1:33:00 PM
Surr: 4-Terphenyl-d14	**81.9**	51.1-134		%REC	1	4/4/2018 1:33:00 PM
Surr: Nitrobenzene-d5	**74.5**	41.2-120		%REC	1	4/4/2018 1:33:00 PM
Surr: Phenol-d5	**66.7**	27-122		%REC	1	4/4/2018 1:33:00 PM
TOTAL ORGANIC CARBON - LLOYD KAHN						Analyst: **PL**
Total Organic Carbon	**19100**	200	S+	µg/g-dry	1	4/2/2018
CYANIDE, TOTAL - SW 9012B						Analyst: **KB**
(Prep: 9010C - 3/26/2018)						
Cyanide	**ND**	0.63		µg/g-dry	1	3/27/2018 4:39:00 PM
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **MB**
(Prep: SW3060A - 3/29/2018)						
Chromium, Hexavalent	**ND**	1.3	N	µg/g-dry	1	4/3/2018
PH- SW9045D- NOT CERTIFIABLE PARAMETER						Analyst: **CC**
pH	**7.9**	1.0		pH Units@72F	1	4/5/2018 2:45:00 PM

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Adirondack Environmental Services, Inc

Date: *25-Apr-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	M-TS-12
Work Order:	**180322069**	**Collection Date:**	3/22/2018
Reference:	18804-CHGE / Lloyd, NY	**Lab Sample ID:**	180322069-012
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **SMD**
Percent Moisture	**20.2**	0.1		wt%	1	4/2/2018

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Adirondack Environmental Services, Inc

Date: *06-Jun-18*

CLIENT:	Abscope Environmental, Inc	**Client Sample ID:**	Home Office M-TS-37
Work Order:	**180601059**	**Collection Date:**	6/1/2018
Reference:	McCarey Landscaping-DER-10 / Home Offi	**Lab Sample ID:**	180601059-001
PO#:		**Matrix:**	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
HEXAVALENT CHROMIUM - SW 7196A (3060A)						Analyst: **PL**
(Prep: SW3060A - 6/4/2018)						
Chromium, Hexavalent	**ND**	1.3		µg/g-dry	1	6/5/2018
MOISTURE CONTENT-ASTM D2216 (NOT ELAP CERTIFIED)						Analyst: **SMD**
Percent Moisture	**21.6**	0.1		wt%	1	6/4/2018

Qualifiers:

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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
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5% Material
Blending Observation

ELTING'S CORNERS REMEDIATION FIELD REPORT

Date: 8/29/2018
Purpose: Observe blending operations for creating 5% organic content general fill.

Location: McCarey Landscaping

Details:

- Equipment Used: Front Loader
- Material Used:
  - General Fill: Screened Pond Silt with 3.8% organics (Photo 1)
  - Topsoil: Screened Organic Topsoil with 12% organics (Photo 2)
- Ratio Used: 5 scoops General Fill to 1 scoop topsoil
- Blending Method Observed:
  - Loader placed 2 scoops of general fill, 1 scoop of topsoil, then 3 scoops general fill in a pile.
  - The coupled material pile is turned over 5 to 6 times using the loader to commingle the materials.
  - Once visual commingling has been established additional material is added in 5 scopes of general fill to 1 scoop of topsoil and additional tuning of material is performed.
  - Photo 3 shows blended material and Photo 4 provides comparison to the general fill material.



Photo 1: General Fill (Screen Pond Silt) with 3.8% Organics



Photo 2: Screen 12 % Organic Topsoil



Photo 3: Blended Material



Photo 4: Comparison between General Fill (left) and Blended Material (right); included is loader used to mix soil.

APPENDIX I

Water Sampling Data

Temporary Water Treatment System Field Measurements
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

ARCADIS Design & Consultancy for natural and built assets

Date	Notes	Flow Meter Reading - Start	Flow Meter Reading - Stop	Flow, GPD *(Max: 220,000)*	pH *(Criteria: 6.5 to 8.5)*
July					
7/19/2018	Batch 2 and Batch 1(Retest) Discharged	11,688,200	11,779,700	91,500	7.36
7/20/2018		11,779,700	11,809,200	29,500	NM
7/21/2018	No Discharge	11,809,200	11,809,200	0	NM
7/22/2018	No Discharge	11,809,200	11,809,200	0	NM
7/23/2018		11,809,200	11,932,400	123,200	7.91
7/24/2018	SPDES Sampling	11,932,400	11,993,200	60,800	8.02
7/25/2018		11,993,200	12,084,400	91,200	7.94
7/26/2018		12,084,400	12,113,600	29,200	8.04
7/27/2018		12,113,600	12,141,200	27,600	6.64
7/28/2018		12,141,200	12,251,000	109,800	7.22
7/29/2018	No Discharge	12,251,000	12,251,000	0	NM
7/30/2018		12,251,000	12,286,800	35,800	7.34
7/31/2018	SPDES Sampling	12,286,800	12,289,400	2,600	7.64
August					
8/1/2018	No Discharge	12,289,400	12,289,400	0	NM
8/2/2018	No Discharge	12,289,400	12,289,400	0	NM
8/3/2018		12,289,400	12,387,300	97,900	7.70
8/4/2018		12,387,300	12,483,200	95,900	7.90
8/5/2018		12,483,200	12,513,700	30,500	7.12
8/6/2018		12,513,700	12,579,000	65,300	7.32
8/7/2018	SPDES Sampling	12,579,000	12,600,500	21,500	6.59
8/8/2018		12,600,500	12,635,500	35,000	7.49
8/9/2018		12,635,500	12,700,500	65,000	7.53
8/10/2018		12,700,500	12,725,600	25,100	7.60
8/11/2018		12,725,600	12,725,900	300	7.41
8/12/2018		12,725,900	12,738,700	12,800	7.35
8/13/2018		12,738,700	12,836,700	98,000	7.39
8/14/2018	SPDES Sampling	12,836,700	12,934,200	97,500	6.58
8/15/2018		12,934,200	13,008,700	74,500	7.40
8/16/2018		13,008,700	13,067,400	58,700	7.30
8/17/2018		13,067,400	13,085,200	17,800	7.46
8/18/2018	No Discharge	13,085,200	13,085,200	0	NM
8/19/2018		13,085,200	13,154,700	69,500	7.52
8/20/2018		13,154,700	13,171,300	16,600	7.64
8/21/2018		13,171,300	13,197,500	26,200	7.57
8/22/2018	SPDES Sampling	13,197,500	13,224,400	26,900	7.36
8/23/2018		13,224,400	13,272,200	47,800	7.55
8/24/2018		13,272,200	13,311,700	39,500	7.45
8/25/2018	No Discharge	13,311,700	13,311,700	0	NM
8/26/2018		13,311,700	13,397,800	86,100	7.44
8/27/2018		13,397,800	13,400,400	2,600	7.59
8/28/2018		13,400,400	13,430,300	29,900	7.48
8/29/2018	SPDES Sampling	13,430,300	13,474,300	44,000	7.51
8/30/2018		13,474,300	13,507,300	33,000	7.06
8/31/2018		13,507,300	13,538,800	31,500	7.43

Temporary Water Treatment System Field Measurements
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

ARCADIS Design & Consultancy for natural and built assets

Date	Notes	Flow Meter Reading - Start	Flow Meter Reading - Stop	Flow, GPD *(Max: 220,000)*	pH *(Criteria: 6.5 to 8.5)*
September					
9/1/2018		13,538,800	13,551,400	12,600	7.59
9/2/2018		13,551,400	13,561,400	10,000	7.53
9/3/2018		13,561,400	13,577,100	15,700	7.56
9/4/2018		13,577,100	13,590,000	12,900	7.53
9/5/2018		13,590,000	13,602,700	12,700	7.47
9/6/2018		13,602,700	13,616,100	13,400	7.53
9/7/2018	SPDES Sampling	13,616,100	13,641,600	25,500	6.75
9/8/2018		13,646,100	13,651,200	5,100	7.15
9/9/2018		13,651,200	13,662,400	11,200	7.43
9/10/2018		13,662,400	13,710,300	47,900	7.55
9/11/2018		13,710,300	13,743,200	32,900	7.60
9/12/2018		13,743,200	13,807,700	64,500	7.62
9/13/2018		13,807,700	13,827,700	20,000	7.61
9/14/2018	SPDES Sampling	13,827,700	13,924,500	96,800	7.27
9/15/2018		13,924,500	14,019,700	95,200	7.39
9/16/2018		14,019,700	14,067,400	47,700	7.47
9/17/2018		14,067,400	14,104,600	37,200	7.45
9/18/2018		14,104,600	14,112,300	7,700	7.48
9/19/2018		14,112,300	14,135,800	23,500	7.51
9/20/2018	SPDES Sampling	14,135,800	14,164,600	28,800	7.58
9/21/2018		14,164,600	14,169,600	5,000	7.82
9/22/2018		14,169,600	14,216,600	47,000	7.66
9/23/2018		14,216,600	14,216,900	300	7.68
9/24/2018		14,216,900	14,238,200	21,300	7.71
9/25/2018		14,238,200	14,241,000	2,800	7.58
9/26/2018	No Discharge	14,241,000	14,241,000	0	NM
9/27/2018	SPDES sample from effluent holding tank; no discharge	14,241,000	14,241,000	0	NM
9/28/2018	No Discharge	14,241,000	14,241,000	0	NM
9/29/2018	No Discharge	14,241,000	14,241,000	0	NM
9/30/2018	No Discharge	14,241,000	14,241,000	0	NM

Acronyms and Abbreviations:

GPD - gallons per day
NM - not measured

Analytical Results Summary - Treated Water
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

ARCADIS Design & Consultancy for natural and built assets

Sample ID Sample Date Report Date	Units	Effluent Limit [Compliance Level]	Batch 1 6/29/2018 7/5/2018	Batch 2 6/29/2018 7/5/2018	Batch 1B 7/12/2018 7/18/2018	Batch 2B 7/13/2018 7/18/2018	Batch 1B Retest 7/18/2018 7/18/2018	Outfall 001 7/24/2018 7/30/2018	Outfall 001 7/31/2018 8/6/2018	Outfall 001 8/7/2018 8/13/2018	Outfall 001 8/14/2018 8/20/2018	Outfall 001 8/22/2018 8/29/2018	Outfall 001 8/29/2018 9/5/2018	Outfall 001 9/7/2018 9/13/2018	Outfall 001 9/14/2018 9/20/2018	Outfall 001 9/20/2018 9/26/2018	Outfall 001 9/27/2018 10/3/2018
General			Re-Treated	Re-Treated													
Total Dissolved Solids	mg/L	500	**609**	**563**	41.0	257	--	**503**	**653**	200	350	**1100**	**1130**	**1120**	373	**532**	**705**
Total Suspended Solids	mg/L	20	19.5	17.6	<5.00	<5.00	--	2.40	8.80	<4.00	<4.00	<5.00	<5.00	<5.00	<4.00	18.0	9.50
Ammonia, N	mg/L	1.2	0.121	0.103	<0.0500	<0.0500	--	<0.0500	<0.0500	0.100	0.0688	0.243	0.109	0.398	<0.0500	<0.0500	<0.0500
BOD5	mg/L	Monitor	<3.2	<6.4	<3.2	<3.2	--	<2.8	<3.8	<2.6	5.0	5.5	<2.9	7.3	<3.1	<4.4	<2.8
Oil and Grease	mg/L	15	<0.526	<0.500	1.20	1.20	--	<0.500	<0.526	<0.500	6.00	0.718	<0.50	<0.50	<0.556	<0.500	0.800
TKN, N	mg/L	Monitor	1.11	1.14	0.510	0.870	--	0.520	0.600	0.780	1.54	0.910	2.04	2.02	0.730	0.750	1.37
pH		6.5 to 8.5	--	--	--	--	--	8.09	7.45	--	6.86	7.71	--	7.16	7.23	7.58	7.43
Site Constituents of Concern																	
Acenaphthene	µg/L	5.3	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0513	<0.0513	<0.0500	<0.0500
Acenaphthylene	µg/L	10	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	0.100	<0.0500	<0.0500	<0.0500	0.0600	<0.0513	0.103	<0.0500	<0.0500
Anthracene	µg/L	3.8	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0513	<0.0513	<0.0500	<0.0500
Benzo(a)anthracene	ng/L	2.0 [50]	<51.3	<51.3	<50.0	<50.0	--	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<51.3	<51.3	<50.0	<50.0
Benzo(a)pyrene	ng/L	1.2 [90]	<51.3	<51.3	<50.0	<50.0	--	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<51.3	<51.3	<50.0	<50.0
Benzo(g,h,i)perylene	µg/L	10	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0513	<0.0513	<0.0500	<0.0500
Benzo(k)fluoranthene	ng/L	2.0 [70]	<51.3	<51.3	<50.0	<50.0	--	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<51.3	<50.0	<50.0
Chrysene	ng/L	2.0 [600]	<51.3	<51.3	<50.0	<50.0	--	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<51.3	<51.3	<50.0	<50.0
Dibenzo(a,h)anthracene	µg/L	10	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0513	<0.0513	<0.0500	<0.0500
Fluoranthene	µg/L	10	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0513	<0.0513	<0.0500	<0.0500
Fluorene	ng/L	540 [800]	<51.3	<51.3	<50.0	<50.0	--	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<51.3	<51.3	<50.0	<50.0
Indeno(1,2,3-cd)pyrene	ng/L	2.0 [200]	<51.3	<51.3	<50.0	<50.0	--	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<51.3	<51.3	<50.0	<50.0
Naphthalene	µg/L	10	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	0.980	0.0600	<0.0500	<0.0500	0.100	0.349	<0.0513	<0.0500	<0.0500
Phenanthrene	µg/L	5.0	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0513	<0.0513	<0.0500	<0.0500
Pyrene	µg/L	1.0	<0.0513	<0.0513	<0.0500	<0.0500	--	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0513	<0.0513	<0.0500	<0.0500
PCB-1254	ng/L	0.0010 [200]	<52.6	<51.3	<50.0	<50.0	<65	<50.0	<50.0	<51.3	<57.1	<51.3	<51.3	<54.1	<51.3	<55.6	<50.0
PCB-1260	ng/L	0.0010 [200]	75.2	<51.3	See Note 3	59.8	<65	<50.0	<50.0	<51.3	62.4	<51.3	<51.3	<54.1	<51.3	<55.6	<50.0

Notes:

1. Non-detected concentrations are reported as less than the limit of quantitation and shown in grey text.
2. Results above the greater of the effluent limit and compliance level are bold and shaded.
3. Effluent batches discharged on 7/19/2018. Batch 1 had a detection of PCB-1260 at 602 ng/L. Batch 1 was retreated and re-tested for PCB only prior to discharge.

Acronyms and Abbreviations:

-- = not analyzed
µg/L = micrograms per liter
mg/L = milligrams per liter
ng/L = nanograms per liter

Analytical Results Summary - Influent and Background Samples
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

Sample ID Sample Date Report Date	Units	Effluent Limit [Compliance Level]	Influent 7/5/2018 7/10/2018	(Channel) Stream 7/5/2018 7/10/2018	Fire Pond 7/5/2018 7/10/2018	Influent 01 8/7/2018 8/13/2018	Fire Pond 8/7/2018 8/13/2018	WL (West) 8/8/2018 8/10/2018	GW (West) 8/8/2018 8/10/2018	WL (East) 8/8/2018 8/10/2018	Excavation Groundwater 8/30/2018 9/10/2018	Influent 9/7/2018 9/13/2018	Influent 9/14/2018 9/20/2018
General													
Total Dissolved Solids	mg/L	500	**687**	**1030**	**794**	**848**	211	454	**889**	**1570**	**1360**	**1230**	441
Total Suspended Solids	mg/L	20	--	--	--	--	--	--	--	--	**93.6**	--	--
Ammonia, N	mg/L	1.2	--	--	--	--	--	--	--	--	<0.1	--	--
BOD5	mg/L	Monitor	--	--	--	--	--	--	--	--	<4	--	--
Oil and Grease	mg/L	15	--	--	--	--	--	--	--	--	<5.1	--	--
TKN, N	mg/L	Monitor	--	--	--	--	--	--	--	--	<1.0	--	--
pH		6.5 to 8.5	--	--	--	--	--	--	--	--	6.5	--	--
Site Constituents of Concern													
Benzo(a)anthracene	ng/L	2.0 [50]	--	--	--	--	--	--	--	--	<20	--	--
Benzo(a)pyrene	ng/L	1.2 [90]	--	--	--	--	--	--	--	--	<40	--	--
Benzo(k)fluoranthene	ng/L	2.0 [70]	--	--	--	--	--	--	--	--	<40	--	--
Chrysene	ng/L	2.0 [600]	--	--	--	--	--	--	--	--	<40	--	--
Fluorene	ng/L	540 [800]	--	--	--	--	--	--	--	--	<40	--	--
Indeno(1,2,3-cd)pyrene	ng/L	2.0 [200]	--	--	--	--	--	--	--	--	<40	--	--
PCB-1254	ng/L	0.0010 [200]	--	--	--	--	--	--	--	--	<65	--	--
PCB-1260	ng/L	0.0010 [200]	--	--	--	--	--	--	--	--	<65	--	--

Notes:

1. Non-detected concentrations are reported as less than the limit of quantitation and shown in grey text.
2. Results above the greater of the effluent limit and compliance level for treated water are bolded.

Acronyms and Abbreviations:

mg/L = milligrams per liter
-- = not analyzed
ng/L = nanograms per liter

Analytical Results Summary - Excavation Direct Discharge
Central Hudson Gas & Electric Corporation
Elting's Corner Wetland Remediation
Lloyd, New York

ARCADIS Design & Consultancy for natural and built assets

Sample ID Sample Date Report Date	Units	Effluent Limit [Compliance Level]	Excavation Water 9/20/2018 9/26/2018	Excavation Water 9/27/2018 10/3/2018	Excavation Water 10/4/2018 10/10/2018	Excavation Water 10/11/2018 10/17/2018	Excavation Water 10/18/2018 10/24/2018	Excavation Water 10/25/2018 10/31/2018	Excavation Water 11/1/2018 11/8/2018	Excavation Water 11/8/2018 11/14/2018	Excavation Water 11/15/2018 11/21/2018	Excavation Water 11/20/2018 11/27/2018
General												
Total Dissolved Solids	mg/L	500	**539**	381	**1070**	**965**	**909**	**805**	**799**	**590**	243	291
Total Suspended Solids	mg/L	20	**67.0**	**93.0**	**50.0**	**48.5**	**940**	**1270**	**2610**	**1900**	**20.8**	**36.0**
Ammonia, N	mg/L	1.2	<0.0500	0.0859	0.0554	<0.0500	0.307	0.190	0.922	0.729	0.1450	0.225
BOD5	mg/L	Monitor	<4.4	<4.3	<4.3	<8.2	<5.8	5.0	9.0	31	<5.1	<!1
Oil and Grease	mg/L	15	<0.500	0.615	<0.500	<0.500	<0.556	<0.500	<0.556	2.95	<0.500	2.80
TKN, N	mg/L	Monitor	1.21	1.69	1.04	9.36	2.14	3.51	6.29	7.83	<0.400	1.01
pH		6.5 to 8.5	7.37	7.30	7.22	7.39	7.58	7.69	7.55	7.61	7.28	7.27
Site Constituents of Concern												
Acenaphthene	µg/L	5.3	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Acenaphthylene	µg/L	10	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Anthracene	µg/L	3.8	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Benzo(a)anthracene	ng/L	2.0 [50]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Benzo(a)pyrene	ng/L	1.2 [90]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Benzo(g,h,i)perylene	µg/L	10	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Benzo(k)fluoranthene	ng/L	2.0 [70]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chrysene	ng/L	2.0 [600]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Dibenzo(a,h)anthracene	µg/L	10	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Fluoranthene	µg/L	10	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
Fluorene	ng/L	540 [800]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Indeno(1,2,3-cd)pyrene	ng/L	2.0 [200]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Naphthalene	µg/L	10	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.130	<0.0500	<0.0500
Phenanthrene	µg/L	5.0	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	0.0800	<0.0500
Pyrene	µg/L	1.0	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
PCB-1254	ng/L	0.0010 [200]	<54.1	<52.6	<51.3	<51.3	<52.6	<54.1	<58.8	<51.3	<50.0	<51.3
PCB-1260	ng/L	0.0010 [200]	<54.1	<52.6	<51.3	<51.3	<52.6	<54.1	<58.8	<51.3	<50.0	<51.3

Notes:

1. Non-detected concentrations are reported as less than the limit of quantitation and shown in grey text.
2. Results above the greater of the effluent limit and compliance level for treated water discharge are bolded.

Acronyms and Abbreviations:

µg/L = micrograms per liter
mg/L = milligrams per liter
ng/L = nanograms per liter

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001-M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
7/1/2018	7/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow rate	SAMPLE MEASUREMENT	0.046	0.123	MGD	******	******	******	******	0	CONT	N/A
00056 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY AVG	MGD	******	******	******	******		Continuous	Recorder (auto)
BOD, 5-day, 20 deg. C	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<3.8	mg/L	0	01 / 07	GR
00310 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	6 Hour Composite
pH	SAMPLE MEASUREMENT	******	******	******	6.64	******	8.04	SU	0	01/ 01	GR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	8.5 MAXIMUM	SU		Daily	Grab
Solids, total suspended	SAMPLE MEASUREMENT	0.47	1.2	lb/d	******	3.7	8.80	mg/L	0	01 / 07	GR
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	20 DAILY MX	mg/L		Weekly	6 Hour Composite
Oil & Grease	SAMPLE MEASUREMENT	0.31	0.92	lb/d	******	0.40	1.2	mg/L	0	01 / 07	GR
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	15 DAILY MX	mg/L		Weekly	Grab
Nitrogen, ammonia total [as N]	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	mg/L	0	01 / 07	GR
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	1.2 DAILY MX	mg/L		Weekly	6 Hour Composite
Nitrogen, Kjeldahl, total [as N]	SAMPLE MEASUREMENT	0.27	0.53	lb/d	******	0.60	0.87	mg/L	0	01 / 07	GR
00625 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	6 Hour Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
Chris DeRoberts Environmental Coordinator TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	845-486-5734		8/28/18
			AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
Discharge commenced 7/19/2018 (refer to field monitoring summary table)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001-M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
7/1/2018	7/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Acenaphthylene	SAMPLE MEASUREMENT	0.00000072	0.0000022	lb/d	******	0.033	0.100	µg/L	0	01 / 07	GR
34200 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
Acenaphthene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34205 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	5.3 DAILY MX	ug/L		Weekly	Grab
Anthracene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	3.8 DAILY MX	ug/L		Weekly	Grab
Benzo[k]fluoranthene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<50.0	ng/L	0	01 / 07	GR
34242 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	70 DAILY MX	ng/L		Weekly	Grab
Benzo[a]pyrene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<50.0	ng/L	0	01 / 07	GR
34247 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	90 DAILY MX	ng/L		Weekly	Grab
Chrysene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<50.0	ng/L	0	01 / 07	GR
34320 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	600 DAILY MX	ng/L		Weekly	Grab
Fluoranthene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34376 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab

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TYPED OR PRINTED			AREA Code / NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001-M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
7/1/2018	7/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fluorene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<50.0	ng/L	0	01 / 07	GR
34381 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	800 DAILY MX	ng/L		Weekly	Grab
Indeno[1.2,3-cd]pyrene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<50.0	ng/L	0	01 / 07	GR
34403 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
Phenanthrene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34461 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	5 DAILY MX	ug/L		Weekly	Grab
Pyrene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34469 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	1 DAILY MX	ug/L		Weekly	Grab
Benzo[ghi]perylene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34521 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
Benzo[a]anthracene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34526 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	50 DAILY MX	ng/L		Weekly	Grab
Dibenzo[a,h]anthracene, dry weight	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34205 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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NY0281123	001-M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
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7/1/2018	7/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Naphthalene	SAMPLE MEASUREMENT	0.0000071	0.000021	lb/d	******	0.33	0.98	µg/L	0	01 / 07	GR
34696 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
PCB-1254	SAMPLE MEASUREMENT	0	0	g/d	******	0	<65	ng/L	0	01 / 07	GR
39504 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
PCB- 1260	SAMPLE MEASUREMENT	0.0069	0.021	g/d	******	19.9	59.8	ng/L	0	01 / 07	GR
39508 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ug/L		Weekly	Grab
Solids, total dissolved	SAMPLE MEASUREMENT	128	255	lb/d	******	435	653	mg/L	8	01 / 07	GR
70295 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	500 DAILY MX	mg/L		Weekly	Grab

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TYPED OR PRINTED			AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Total Dissolved Solids (TDS) were detected in sample collected 7/24/2018 [reported 7/30/2018] and 7/31/2018 [reported 7/6/2018]; refer to Table 1 for summary of results. Non-compliance report for elevated TDS attached.

Table 1. Water Treatment Laboratory Results

SPDES: NY0281123
Discharge: 001-M
Monitoring Period: 7/1/2018 to 7/31/2018

Sample ID Sample Date Report Date	Units	Effluent Limit [Compliance Level]	Batch 1 7/12/2018 7/18/2018	Batch 2 7/13/2018 7/18/2018	Batch 1 Retest 7/18/2018 7/18/2018	Outfall 001 7/24/2018 7/30/2018	Outfall 001 7/31/2018 8/6/2018
General							
Total Dissolved Solids	mg/L	500	41.0	257	NA	**503**	**653**
Total Suspended Solids	mg/L	20	<5.00	<5.00	NA	2.40	8.80
Ammonia, N	mg/L	1.2	<0.0500	<0.0500	NA	<0.0500	<0.0500
BOD5	mg/L	Monitor	<3.2	<3.2	NA	<2.6	<3.6
Oil and Grease	mg/L	15	1.20	1.20	NA	<0.500	<0.526
TKN, N	mg/L	Monitor	0.510	0.870	NA	0.520	0.600
Site Constituents of Concern							
Acenaphthene	µg/L	5.3	<0.0500	<0.0500	NA	<0.0500	<0.0500
Acenaphthylene	µg/L	10	<0.0500	<0.0500	NA	<0.0500	0.100
Anthracene	µg/L	3.8	<0.0500	<0.0500	NA	<0.0500	<0.0500
Benzo(a)anthracene	ng/L	2.0 [50]	<50.0	<50.0	NA	<50.0	<50.0
Benzo(a)pyrene	ng/L	1.2 [90]	<50.0	<50.0	NA	<50.0	<50.0
Benzo(g,h,i)perylene	µg/L	10	<0.0500	<0.0500	NA	<0.0500	<0.0500
Benzo(k)fluoranthene	ng/L	2.0 [70]	<50.0	<50.0	NA	<50.0	<50.0
Chrysene	ng/L	2.0 [600]	<50.0	<50.0	NA	<50.0	<50.0
Dibenzo(a,h)anthracene	µg/L	10	<0.0500	<0.0500	NA	<0.0500	<0.0500
Fluoranthene	µg/L	10	<0.0500	<0.0500	NA	<0.0500	<0.0500
Fluorene	ng/L	540 [800]	<50.0	<50.0	NA	<50.0	<50.0
Indeno(1,2,3-cd)pyrene	ng/L	2.0 [200]	<50.0	<50.0	NA	<50.0	<50.0
Naphthalene	µg/L	10	<0.0500	<0.0500	NA	<0.0500	0.980
Phenanthrene	µg/L	5.0	<0.0500	<0.0500	NA	<0.0500	<0.0500
Pyrene	µg/L	1.0	<0.0500	<0.0500	NA	<0.0500	<0.0500
PCB-1254	ng/L	0.0010 [200]	<50.0	<50.0	<65	<50.0	<50.0
PCB-1260	ng/L	0.0010 [200]	See Note 3	59.8	<65	<50.0	<50.0

Notes:

1. Non-detected concentrations are reported as less than the limit of quantitation and shown in grey text.
2. Results above the greater of the effluent limit and compliance level are bold and shaded.
3. Effluent batches discharged on 7/19/2018. Batch 1 had a detection of PCB-1260 at 602 ng/L. Batch 1 was retreated and re-tested for PCB only prior to discharge.

Acronyms and Abbreviations:

µg/L - micrograms per liter
mg/L - milligrams per liter
MGD - million gallons per day
NA - not analyzed
ng/L - nanograms per liter

Table 2. Field Monitoring Summary

ARCADIS Design & Consultancy for natural and built assets

SPDES: NY0281123
Discharge: 001-M
Monitoring Period: 7/1/2018 to 7/31/2018

Date	Notes	Flow Meter Reading - Start	Flow Meter Reading - Stop	Flow, GPD *(Max: 220,000)*	pH *(Criteria: 6.5 to 8.5)*
July				Avg = 46,200 Max = 123,200	Min = 6.64 Max = 8.04
7/19/2018	Batch 2 and Batch 1(Retest) Discharged	11,688,200	11,779,700	91,500	7.36
7/20/2018		11,779,700	11,809,200	29,500	NM
7/21/2018	No Discharge	11,809,200	11,809,200	0	NM
7/22/2018	No Discharge	11,809,200	11,809,200	0	NM
7/23/2018		11,809,200	11,932,400	123,200	7.91
7/24/2018	Analytical Sampling Performed	11,932,400	11,993,200	60,800	8.02
7/25/2018		11,993,200	12,084,400	91,200	7.94
7/26/2018		12,084,400	12,113,600	29,200	8.04
7/27/2018		12,113,600	12,141,200	27,600	6.64
7/28/2018		12,141,200	12,251,000	109,800	7.22
7/29/2018	No Discharge	12,251,000	12,251,000	0	NM
7/30/2018		12,251,000	12,286,800	35,800	7.34
7/31/2018	Analytical Sampling Performed	12,286,800	12,289,400	2,600	7.64

Acronyms and Abbreviations:

GPD - gallons per day
NM - not measured

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Alison Wasserbauer **DEC Region:** 3

Report Type: ___ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0281123 **Facility:** Elting's Corners Wetland Remediation

Date of noncompliance: 07/24/2018 **Location (Outfall, Treatment Unit, or Pump Station):** Discharge 001-M

Description of noncompliance(s) and cause(s): Elevated total dissolved solids present in influent and effluent of treatment system. Historically, elevated influent TDS has occurred in low flow months from facility. Additional background testing performed on 8/8/2018 identified elevated TDS in off-site surface water flow from east (1570 mg/L) and groundwater infiltration (889 mg/L). Reported to NYSDEC DER representative during project progress meeting on 7/31/2018 (day after receipt of lab results)

Has event ceased? Yes **If so, when?** 8/6/2018 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 07/24/2018, 9:05 am **End date, time of event:** 08/07/2018 9:45 am

Date, time oral notification made to DEC? 07/31/2018, 11 am **DEC Official contacted:** Kiera Thompson

Immediate corrective actions: Ion exchange resin changed out following sample collection; efforts made to improve control of stormwater flow into site/work area.

Preventive (long term) corrective actions: Increased frequency of ion exchange resin change out to weekly

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Chris McRoberts **Title:** Environmental Coordinator **Date:** 8/28/18

Phone #: (845) 486-5734 **Fax #:** (____) _____

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x _____

Signature of Principal Executive Officer or Authorized Agent

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
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LOCATION: 24 SOUTH STREET
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ATTN: CHRIS DE ROBERTS

NY0281123	001-M
PERMIT NUMBER	DISCHARGE NUMBER

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8/1/2018	8/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
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REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow rate	SAMPLE MEASUREMENT	0.042	0.098	MGD	******	******	******	******		CONT	N/A
00056 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	******	******	******	******		Continuous	Recorder (auto)
BOD, 5 day, 20 deg. C	SAMPLE MEASUREMENT	1.32	4.07	lb/d	******	2.63	5.50	mg/L		01 / 07	GR
00310 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	6 Hour Composite
pH	SAMPLE MEASUREMENT	******	******	******	6.58	******	7.90	SU		01/ 01	GR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	8.5 MAXIMUM	SU		Daily	Grab
Solids, total suspended	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<5.00	mg/L		01 / 07	GR
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	20 DAILY MX	mg/L		Weekly	6 Hour Composite
Oil & Grease	SAMPLE MEASUREMENT	1.26	4.88	lb/d	******	1.68	6.00	mg/L		01 / 07	GR
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	15 DAILY MX	mg/L		Weekly	Grab
Nitrogen, ammonia total [as N]	SAMPLE MEASUREMENT	0.0421	0.0559	lb/d	******	0.130	0.243	mg/L		01 / 07	GR
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	1.2 DAILY MX	mg/L		Weekly	6 Hour Composite
Nitrogen, Kjeldahl, total [as N]	SAMPLE MEASUREMENT	0.586	1.25	lb/d	******	1.32	2.04	mg/L		01 / 07	GR
00625 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	6 Hour Composite

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DMR Mailing ZIP CODE: 12601
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REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Acenaphthylene	SAMPLE MEASUREMENT	**0.00000550**	**0.0000220**	**lb/d**	******	**0.0150**	**0.0600**	**µg/L**	**0**	**01 / 07**	**GR**
34200 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
Acenaphthene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<0.0500**	**µg/L**	**0**	**01 / 07**	**GR**
34205 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	5.3 DAILY MX	ug/L		Weekly	Grab
Anthracene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<0.0500**	**µg/L**	**0**	**01 / 07**	**GR**
34220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	3.8 DAILY MX	ug/L		Weekly	Grab
Benzo[k]fluoranthene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<50.0**	**ng/L**	**0**	**01 / 07**	**GR**
34242 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	70 DAILY MX	ng/L		Weekly	Grab
Benzo[a]pyrene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<50.0**	**ng/L**	**0**	**01 / 07**	**GR**
34247 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	90 DAILY MX	ng/L		Weekly	Grab
Chrysene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<50.0**	**ng/L**	**0**	**01 / 07**	**GR**
34320 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	600 DAILY MX	ng/L		Weekly	Grab
Fluoranthene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<0.0500**	**µg/L**	**0**	**01 / 07**	**GR**
34376 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Chris DeRoberts **Environmental Coordinator**	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	845-486-5734	9/27/18
TYPED OR PRINTED			AREA Code / NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001- M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
8/1/2018	8/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fluorene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<50.0	ng/L	0	01 / 07	GR
34381 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	800 DAILY MX	ng/L		Weekly	Grab
Indeno[1,2,3- cd]pyrene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<50.0	ng/L	0	01 / 07	GR
34403 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
Phenanthrene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34461 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	5 DAILY MX	ug/L		Weekly	Grab
Pyrene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34469 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	1 DAILY MX	ug/L		Weekly	Grab
Benzo[ghi]perylene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34521 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
Benzo[a]anthracene	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<50.0	ng/L	0	01 / 07	GR
34526 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	50 DAILY MX	ng/L		Weekly	Grab
Dibenzo[a,h]anthracene, dry weight	SAMPLE MEASUREMENT	0	0	lb/d	******	0	<0.0500	µg/L	0	01 / 07	GR
34559 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Chris DeRoberts Environmental Coordinator	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	845-486-5734	9/27/18
TYPED OR PRINTED			AREA Code NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040- 0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001-M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
8/1/2018	8/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall
No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Naphthalene	SAMPLE MEASUREMENT	0.0000119	0.0000367	lb/d	******	0.0400	0.100	µg/L	0	01 / 07	GR
34696 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
PCB- 1254	SAMPLE MEASUREMENT	0	0	g/d	******	0	<57.1	ng/L	0	01 / 07	GR
39504 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
PCB- 1260	SAMPLE MEASUREMENT	0.00575	0.0230	g/d	******	15.6	62.4	ng/L	0	01 / 07	GR
39508 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
Solids, total dissolved	SAMPLE MEASUREMENT	245	415	lb/d	******	695	1130	mg/L	13	01 / 07	GR
70295 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	500 DAILY MX	mg/L		Weekly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
Chris DeRoberts Environmental Coordinator	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	845-486-5734		9/27/18
TYPED OR PRINTED			AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Total Dissolved Solids (TDS) excursions occurred 8/1 through 8/6 (based on results of 7/31 sample) and 8/22 through 8/31; see Table 1A for summary of August results and Table 2 for discharge flows. Non-compliance report for elevated TDS events are attached. TSD analysis of potential inputs (Table 1B) showed multiple concentrations greater than the permitted discharge value, with maximum concentration of 1,570 mg/L.

Table 1A. Water Treatment Laboratory Results - Discharge

ARCADIS Design & Consultancy for natural and built assets

SPDES: NY0281123
Discharge: 001-M
Monitoring Period: 8/1/2018 to 8/31/2018

Sample ID Sample Date Report Date	Units	Effluent Limit [Compliance Level]	Outfall 001 8/7/2018 8/13/2018	Outfall 001 8/14/2018 8/20/2018	Outfall 001 8/22/2018 8/29/2018	Outfall 001 8/29/2018 9/5/2018
General						
Total Dissolved Solids	mg/L	500	200	350	**1100**	**1130**
Total Suspended Solids	mg/L	20	<4.00	<4.00	<5.00	<5.00
Ammonia, N	mg/L	1.2	0.100	0.0688	0.243	0.109
BOD5	mg/L	Monitor	<2.6	5.0	5.5	<2.9
Oil and Grease	mg/L	15	<0.500	6.00	0.718	<0.50
TKN, N	mg/L	Monitor	0.780	1.54	0.910	2.04
pH		6.5 to 8.5	--	6.86	7.71	--
Site Constituents of Concern						
Acenaphthene	µg/L	5.3	<0.0500	<0.0500	<0.0500	<0.0500
Acenaphthylene	µg/L	10	<0.0500	<0.0500	<0.0500	0.0600
Anthracene	µg/L	3.8	<0.0500	<0.0500	<0.0500	<0.0500
Benzo(a)anthracene	ng/L	2.0 [50]	<50.0	<50.0	<50.0	<50.0
Benzo(a)pyrene	ng/L	1.2 [90]	<50.0	<50.0	<50.0	<50.0
Benzo(g,h,i)perylene	µg/L	10	<0.0500	<0.0500	<0.0500	<0.0500
Benzo(k)fluoranthene	ng/L	2.0 [70]	<50.0	<50.0	<50.0	<50.0
Chrysene	ng/L	2.0 [600]	<50.0	<50.0	<50.0	<50.0
Dibenzo(a,h)anthracene	µg/L	10	<0.0500	<0.0500	<0.0500	<0.0500
Fluoranthene	µg/L	10	<0.0500	<0.0500	<0.0500	<0.0500
Fluorene	ng/L	540 [800]	<50.0	<50.0	<50.0	<50.0
Indeno(1,2,3-cd)pyrene	ng/L	2.0 [200]	<50.0	<50.0	<50.0	<50.0
Naphthalene	µg/L	10	0.060	<0.0500	<0.0500	0.100
Phenanthrene	µg/L	5.0	<0.0500	<0.0500	<0.0500	<0.0500
Pyrene	µg/L	1.0	<0.0500	<0.0500	<0.0500	<0.0500
PCB-1254	ng/L	0.0010 [200]	<51.3	<57.1	<51.3	<51.3
PCB-1260	ng/L	0.0010 [200]	<51.3	62.4	<51.3	<51.3

Notes:

1. Non-detected concentrations are reported as less than the limit of quantitation and shown in grey text.
2. Results above the greater of the effluent limit and compliance level are bold and shaded.

Acronyms and Abbreviations:

µg/L - micrograms per liter
mg/L - milligrams per liter
MGD - million gallons per day
NA - not analyzed
ng/L - nanograms per liter

Table 1B. Water Treatment Laboratory Results - Influent and Background

ARCADIS Design & Consultancy for natural and built assets

SPDES: NY0281123
Discharge: 001-M
Monitoring Period: 8/1/2018 to 8/31/2018

Sample ID Sample Date Report Date	Units	Effluent Limit [Compliance Level]	Influent 01 8/7/2018 8/13/2018	Fire Pond 8/7/2018 8/13/2018	WL (West) 8/8/2018 8/10/2018	GW (West) 8/8/2018 8/10/2018	WL (East) 8/8/2018 8/10/2018	Excavation Groundwater 8/30/2018 9/10/2018
General								
Total Dissolved Solids	mg/L	500	**848**	211	454	**889**	**1570**	**1360**
Total Suspended Solids	mg/L	20	--	--	--	--	--	**93.6**
Ammonia, N	mg/L	1.2	--	--	--	--	--	<0.1
BOD5	mg/L	Monitor	--	--	--	--	--	<4
Oil and Grease	mg/L	15	--	--	--	--	--	<5.1
TKN, N	mg/L	Monitor	--	--	--	--	--	<1.0
pH		6.5 to 8.5	--	--	--	--	--	6.5
Site Constituents of Concern								
Benzo(a)anthracene	ng/L	2.0 [50]	--	--	--	--	--	<20
Benzo(a)pyrene	ng/L	1.2 [90]	--	--	--	--	--	<40
Benzo(k)fluoranthene	ng/L	2.0 [70]	--	--	--	--	--	<40
Chrysene	ng/L	2.0 [600]	--	--	--	--	--	<40
Fluorene	ng/L	540 [800]	--	--	--	--	--	<40
Indeno(1,2,3-cd)pyrene	ng/L	2.0 [200]	--	--	--	--	--	<40
PCB-1254	ng/L	0.0010 [200]	--	--	--	--	--	<65
PCB-1260	ng/L	0.0010 [200]	--	--	--	--	--	<65

Notes:

1. Non-detected concentrations are reported as less than the limit of quantitation and shown in grey text.
2. Results above the greater of the effluent limit and compliance level are bold and shaded.

Acronyms and Abbreviations:

µg/L - micrograms per liter
mg/L - milligrams per liter
MGD - million gallons per day
NA - not analyzed
ng/L - nanograms per liter

Table 2. Field Monitoring Summary

ARCADIS Design & Consultancy for natural and built assets

SPDES: NY0281123
Discharge: 001-M
Monitoring Period: 8/1/2018 to 8/31/2018

Date	Notes	Flow Meter Reading - Start	Flow Meter Reading - Stop	Flow, GPD *(Max: 220,000)*	pH *(Criteria: 6.5 to 8.5)*
August				**Avg = 41,600 Max = 98,000**	**Min = 6.58 Max = 7.90**
8/1/2018	No Discharge	12,289,400	12,289,400	0	NM
8/2/2018	No Discharge	12,289,400	12,289,400	0	NM
8/3/2018		12,289,400	12,387,300	97,900	7.70
8/4/2018		12,387,300	12,483,200	95,900	7.90
8/5/2018		12,483,200	12,513,700	30,500	7.12
8/6/2018		12,513,700	12,579,000	65,300	7.32
8/7/2018	SPDES Sampling	12,579,000	12,600,500	21,500	6.59
8/8/2018		12,600,500	12,635,500	35,000	7.49
8/9/2018		12,635,500	12,700,500	65,000	7.53
8/10/2018		12,700,500	12,725,600	25,100	7.60
8/11/2018		12,725,600	12,725,900	300	7.41
8/12/2018		12,725,900	12,738,700	12,800	7.35
8/13/2018		12,738,700	12,836,700	98,000	7.39
8/14/2018	SPDES Sampling	12,836,700	12,934,200	97,500	6.58
8/15/2018		12,934,200	13,008,700	74,500	7.40
8/16/2018		13,008,700	13,067,400	58,700	7.30
8/17/2018		13,067,400	13,085,200	17,800	7.46
8/18/2018	No Discharge	13,085,200	13,085,200	0	NM
8/19/2018		13,085,200	13,154,700	69,500	7.52
8/20/2018		13,154,700	13,171,300	16,600	7.64
8/21/2018		13,171,300	13,197,500	26,200	7.57
8/22/2018	SPDES Sampling	13,197,500	13,224,400	26,900	7.36
8/23/2018		13,224,400	13,272,200	47,800	7.55
8/24/2018		13,272,200	13,311,700	39,500	7.45
8/25/2018	No Discharge	13,311,700	13,311,700	0	NM
8/26/2018		13,311,700	13,397,800	86,100	7.44
8/27/2018		13,397,800	13,400,400	2,600	7.59
8/28/2018		13,400,400	13,430,300	29,900	7.48
8/29/2018	SPDES Sampling	13,430,300	13,474,300	44,000	7.51
8/30/2018		13,474,300	13,507,300	33,000	7.06
8/31/2018		13,507,300	13,538,800	31,500	7.43

Acronyms and Abbreviations:

GPD - gallons per day

NM - not measured

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Alison Wasserbauer **DEC Region:** 3

Report Type: ___ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0281123 **Facility:** Elting's Corners Wetland Remediation

Date of noncompliance: 07/24/2018 **Location (Outfall, Treatment Unit, or Pump Station):** Discharge 001-M

Description of noncompliance(s) and cause(s): Elevated total dissolved solids present in influent and effluent of treatment system. Historically, elevated influent TDS has occurred in low flow months from facility. Additional background testing performed on 8/8/2018 identified elevated TDS in off-site surface water flow from east (1570 mg/L) and groundwater infiltration (889 mg/L). Reported to NYSDEC DER representative during project progress meeting on 7/31/2018 (day after receipt of lab results)

Has event ceased? Yes **If so, when?** 8/6/2018 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 07/24/2018, 9:05 am **End date, time of event:** 08/07/2018 9:45 am

Date, time oral notification made to DEC? 07/31/2018, 11 am **DEC Official contacted:** Kiera Thompson

Immediate corrective actions: Ion exchange resin changed out following sample collection; efforts made to improve control of stormwater flow into site/work area.

Preventive (long term) corrective actions: Increased frequency of ion exchange resin change out to weekly

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Chris DeRoberts **Title:** Environmental Coordinator **Date:** 8/28/18

Phone #: (845) 486-5734 **Fax #:** (____) _____

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

× _____

Signature of Principal Executive Officer or Authorized Agent

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Alison Wasserbauer **DEC Region:** 3

Report Type: ___ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0281123 **Facility:** Elting's Corners Wetland Remediation

Date of noncompliance: 08/22/2018 **Location (Outfall, Treatment Unit, or Pump Station):** Discharge 001-M

Description of noncompliance(s) and cause(s): Elevated total dissolved solids present in treatment system effluent. Historically, elevated influent TDS have been occurred in low flow months from facility. Additional background testing performed in August (including in completed excavation) identified elevated TDS in off-site surface water flow (1570 mg/L) and groundwater infiltration (1360 mg/L). Results reported to NYSDEC DER representative during project progress meeting on 9/4/2018 after receipt of results (8/29/2018).

Has event ceased? Yes **If so, when?** 9/14/2018 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 08/22/2018 7:00 am **End date, time of event:** 09/14/2018 7:30 am

Date, time oral notification made to DEC? 09/04/2018 11 am **DEC Official contacted:** Kiera Thompson

Immediate corrective actions: Ion exchange resin change out was delayed prior to sampling. TDS source appears to be not site related. Efforts made to improve control of stormwater flow into site/work area.

Preventive (long term) corrective actions: Due to anticipated native high TDS of wetland complex, working with DER to get relief from TDS criteria. Sampling/monitoring will continue for duration of construction activities.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Chris McRoberts **Title:** Env. Coordinator **Date:** 9/27/18

Phone #: (845) 389-9319 **Fax #:** (____) _____

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

X _____

Signature of Principal Executive Officer or Authorized Agent

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040- 0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001- M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
9/1/2018	9/30/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow rate	SAMPLE MEASUREMENT	**0.024**	**0.097**	**MGD**	*******	*******	*******	*******		**CONT**	**N/A**
00056 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	*******	*******	*******	*******		Continuous	Recorder (auto)
BOD, 5- day, 20 deg. C	SAMPLE MEASUREMENT	**0.39**	**1.6**	**lb/d**	*******	**1.8**	**7.3**	**mg/L**		**01 / 07**	**GR**
00310 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	6 Hour Composite
pH	SAMPLE MEASUREMENT	*******	*******	*******	**6.75**	*******	**7.82**	**SU**		**01/ 01**	**GR**
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*******	*******	*******	6.5 MINIMUM	*******	8.5 MAXIMUM	SU		Daily	Grab
Solids, total suspended	SAMPLE MEASUREMENT	**1.14**	**4.32**	**lb/d**	*******	**6.88**	**18.0**	**mg/L**		**01 / 07**	**GR**
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*******	Req. Mon. MO AVG	20 DAILY MX	mg/L		Weekly	6 Hour Composite
Oil & Grease	SAMPLE MEASUREMENT	**0.00467**	**0.0187**	**lb/d**	*******	**0.200**	**0.800**	**mg/L**		**01 / 07**	**GR**
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*******	Req. Mon. MO AVG	15 DAILY MX	mg/L		Weekly	Grab
Nitrogen, ammonia total [as N]	SAMPLE MEASUREMENT	**0.0212**	**0.0846**	**lb/d**	*******	**0.100**	**0.398**	**mg/L**		**01 / 07**	**GR**
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*******	Req. Mon. MO AVG	1.2 DAILY MX	mg/L		Weekly	6 Hour Composite
Nitrogen, Kjeldahl, total [as N]	SAMPLE MEASUREMENT	**0.308**	**0.589**	**lb/d**	*******	**1.22**	**2.02**	**mg/L**		**01 / 07**	**GR**
00625 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	*******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	6 Hour Composite

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TYPED OR PRINTED			AREA Code NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
No discharge from 9/26/2018 through 9/30/2018 (refer to Table 1); final SPDES sample collected from water within effluent tank on 9/27/2018. Note that removal of contaminated sediments from the wetland excavation area was completed on 9/6/2018. No site related impacts remained within the excavation after this date and excavation water was released from treatment requirements by DER on 9/25/2018; excavation water is being managed with general stormwater best management practices under General SPDES Permit for Construction Activities.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040- 0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001- M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
9/1/2018	9/30/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Acenaphthylene	SAMPLE MEASUREMENT	**0.0000208**	**0.0000832**	**lb/d**	*******	**0.0258**	**0.103**	**µg/L**	**0**	**01 / 07**	**GR**
34200 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
Acenaphthene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	*******	**0**	**<0.0513**	**µg/L**	**0**	**01 / 07**	**GR**
34205 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	5.3 DAILY MX	ug/L		Weekly	Grab
Anthracene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	*******	**0**	**<0.0513**	**µg/L**	**0**	**01 / 07**	**GR**
34220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	3.8 DAILY MX	ug/L		Weekly	Grab
Benzo[k]fluoranthene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	*******	**0**	**<51.3**	**ng/L**	**0**	**01 / 07**	**GR**
34242 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	70 DAILY MX	ng/L		Weekly	Grab
Benzo[a]pyrene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	*******	**0**	**<51.3**	**ng/L**	**0**	**01 / 07**	**GR**
34247 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	90 DAILY MX	ng/L		Weekly	Grab
Chrysene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	*******	**0**	**<51.3**	**ng/L**	**0**	**01 / 07**	**GR**
34320 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	600 DAILY MX	ng/L		Weekly	Grab
Fluoranthene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	*******	**0**	**<0.0513**	**µg/L**	**0**	**01 / 07**	**GR**
34376 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
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TYPED OR PRINTED			AREA Code / NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040- 0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001- M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
9/1/2018	9/30/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fluorene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<51.3**	**ng/L**	**0**	**01 / 07**	**GR**
34381 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	800 DAILY MX	ng/L		Weekly	Grab
Indeno[1,2,3- cd]pyrene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<51.3**	**ng/L**	**0**	**01 / 07**	**GR**
34403 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
Phenanthrene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<0.0513**	**µg/L**	**0**	**01 / 07**	**GR**
34461 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	5 DAILY MX	ug/L		Weekly	Grab
Pyrene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<0.0513**	**µg/L**	**0**	**01 / 07**	**GR**
34469 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	1 DAILY MX	ug/L		Weekly	Grab
Benzo[ghi]perylene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<0.0513**	**µg/L**	**0**	**01 / 07**	**GR**
34521 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
Benzo[a]anthracene	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<51.3**	**ng/L**	**0**	**01 / 07**	**GR**
34526 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	50 DAILY MX	ng/L		Weekly	Grab
Dibenzo[a,h]anthracene, dry weight	SAMPLE MEASUREMENT	**0**	**0**	**lb/d**	******	**0**	**<0.0513**	**µg/L**	**0**	**01 / 07**	**GR**
34559 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab

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TYPED OR PRINTED			AREA Code / NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040- 0004

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ATTN: CHRIS DE ROBERTS

NY0281123	001- M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
9/1/2018	9/30/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Naphthalene	SAMPLE MEASUREMENT	**0.0000186**	**0.0000742**	**lb/d**	******	**0.0873**	**0.349**	**µg/L**	**0**	**01 / 07**	**GR**
34696 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
PCB- 1254	SAMPLE MEASUREMENT	**0**	**0**	**g/d**	******	**0**	**<55.6**	**ng/L**	**0**	**01 / 07**	**GR**
39504 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
PCB- 1260	SAMPLE MEASUREMENT	**0**	**0**	**g/d**	******	**0**	**<55.6**	**ng/L**	**0**	**01 / 07**	**GR**
39508 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
Solids, total dissolved	SAMPLE MEASUREMENT	**171**	**301**	**lb/d**	******	**683**	**1,120**	**mg/L**	**19**	**01 / 07**	**GR**
70295 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	500 DAILY MX	mg/L		Weekly	Grab

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TYPED OR PRINTED			AREA Code / NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Total Dissolved Solids (TDS) excursions occurred 9/1 through 9/13 (based on results of 8/29 and 9/7 samples) and 9/20 through 9/26 (final day of discharge in September); see Table 1 for summary of September results and Table 2 for discharge flows. Non-compliance report for elevated TDS events are attached. TDS attributed to native conditions of groundwater within wetland complex being remediated. Note that removal of contaminated sediments from the wetland excavation area was completed on 9/6/2018. No site related impacts remained within the excavation after this date and excavation water was released from treatment requirements by DER on 9/25.

Table 1. Water Treatment Laboratory Results - Discharge

ARCADIS Design & Consultancy for natural and built assets

SPDES: NY0281123
Discharge: 001-M
Monitoring Period: 9/1/2018 to 9/30/2018

Sample ID Sample Date Report Date	Units	Effluent Limit [Compliance Level]	Outfall 001 9/7/2018 9/13/2018	Outfall 001 9/14/2018 9/20/2018	Outfall 001 9/20/2018 9/26/2018	Outfall 001 9/27/2018 10/3/2018
General						
Total Dissolved Solids	mg/L	500	**1120**	373	**532**	**705**
Total Suspended Solids	mg/L	20	<5.00	<4.00	18.0	9.50
Ammonia, N	mg/L	1.2	0.398	<0.0500	<0.0500	<0.0500
BOD5	mg/L	Monitor	7.3	<3.1	<4.4	<2.8
Oil and Grease	mg/L	15	<0.50	<0.556	<0.500	0.800
TKN, N	mg/L	Monitor	2.02	0.730	0.750	1.37
pH		6.5 to 8.5	7.16	7.23	7.58	7.43
Site Constituents of Concern						
Acenaphthene	µg/L	5.3	<0.0513	<0.0513	<0.0500	<0.0500
Acenaphthylene	µg/L	10	<0.0513	0.103	<0.0500	<0.0500
Anthracene	µg/L	3.8	<0.0513	<0.0513	<0.0500	<0.0500
Benzo(a)anthracene	ng/L	2.0 [50]	<51.3	<51.3	<50.0	<50.0
Benzo(a)pyrene	ng/L	1.2 [90]	<51.3	<51.3	<50.0	<50.0
Benzo(g,h,i)perylene	µg/L	10	<0.0513	<0.0513	<0.0500	<0.0500
Benzo(k)fluoranthene	ng/L	2.0 [70]	<50.0	<51.3	<50.0	<50.0
Chrysene	ng/L	2.0 [600]	<51.3	<51.3	<50.0	<50.0
Dibenzo(a,h)anthracene	µg/L	10	<0.0513	<0.0513	<0.0500	<0.0500
Fluoranthene	µg/L	10	<0.0513	<0.0513	<0.0500	<0.0500
Fluorene	ng/L	540 [800]	<51.3	<51.3	<50.0	<50.0
Indeno(1,2,3-cd)pyrene	ng/L	2.0 [200]	<51.3	<51.3	<50.0	<50.0
Naphthalene	µg/L	10	0.349	<0.0513	<0.0500	<0.0500
Phenanthrene	µg/L	5.0	<0.0513	<0.0513	<0.0500	<0.0500
Pyrene	µg/L	1.0	<0.0513	<0.0513	<0.0500	<0.0500
PCB-1254	ng/L	0.0010 [200]	<54.1	<51.3	<55.6	<50.0
PCB-1260	ng/L	0.0010 [200]	<54.1	<51.3	<55.6	<50.0

Notes:

1. Non-detected concentrations are reported as less than the limit of quantitation and shown in grey text.
2. Results above the greater of the effluent limit and compliance level are bold and shaded.

Acronyms and Abbreviations:

µg/L - micrograms per liter
mg/L - milligrams per liter
MGD - million gallons per day
NA - not analyzed
ng/L - nanograms per liter

Table 2. Field Monitoring Summary

ARCADIS Design & Consultancy for natural and built assets

SPDES: NY0281123
Discharge: 001-M
Monitoring Period: 9/1/2018 to 9/30/2018

Date	Notes	Flow Meter Reading - Start	Flow Meter Reading - Stop	Flow, GPD *(Max: 220,000)*	pH *(Criteria: 6.5 to 8.5)*
September				**Avg = 23,600 Max = 96,800**	**Min = 6.75 Max = 7.82**
9/1/2018		13,538,800	13,551,400	12,600	7.59
9/2/2018		13,551,400	13,561,400	10,000	7.53
9/3/2018		13,561,400	13,577,100	15,700	7.56
9/4/2018		13,577,100	13,590,000	12,900	7.53
9/5/2018		13,590,000	13,602,700	12,700	7.47
9/6/2018		13,602,700	13,616,100	13,400	7.53
9/7/2018	SPDES Sampling	13,616,100	13,641,600	25,500	6.75
9/8/2018		13,646,100	13,651,200	5,100	7.15
9/9/2018		13,651,200	13,662,400	11,200	7.43
9/10/2018		13,662,400	13,710,300	47,900	7.55
9/11/2018		13,710,300	13,743,200	32,900	7.60
9/12/2018		13,743,200	13,807,700	64,500	7.62
9/13/2018		13,807,700	13,827,700	20,000	7.61
9/14/2018	SPDES Sampling	13,827,700	13,924,500	96,800	7.27
9/15/2018		13,924,500	14,019,700	95,200	7.39
9/16/2018		14,019,700	14,067,400	47,700	7.47
9/17/2018		14,067,400	14,104,600	37,200	7.45
9/18/2018		14,104,600	14,112,300	7,700	7.48
9/19/2018		14,112,300	14,135,800	23,500	7.51
9/20/2018	SPDES Sampling	14,135,800	14,164,600	28,800	7.58
9/21/2018		14,164,600	14,169,600	5,000	7.82
9/22/2018		14,169,600	14,216,600	47,000	7.66
9/23/2018		14,216,600	14,216,900	300	7.68
9/24/2018		14,216,900	14,238,200	21,300	7.71
9/25/2018		14,238,200	14,241,000	2,800	7.58
9/26/2018	No Discharge	14,241,000	14,241,000	0	NM
9/27/2018	SPDES sample from effluent holding tank; no discharge	14,241,000	14,241,000	0	NM
9/28/2018	No Discharge	14,241,000	14,241,000	0	NM
9/29/2018	No Discharge	14,241,000	14,241,000	0	NM
9/30/2018	No Discharge	14,241,000	14,241,000	0	NM

Acronyms and Abbreviations:
GPD - gallons per day
NM - not measured

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Alison Wasserbauer **DEC Region:** 3

Report Type: ___ *5 Day* ✓ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ___ *Other*

SECTION 2

SPDES #: NY- 0281123 **Facility:** Elting's Corners Wetland Remediation

Date of noncompliance: 08/22/2018 **Location (Outfall, Treatment Unit, or Pump Station):** Discharge 001-M

Description of noncompliance(s) and cause(s): Elevated total dissolved solids present in treatment system effluent. Historically, elevated influent TDS have been occurred in low flow months from facility. Additional background testing performed in August (including in completed excavation) identified elevated TDS in off-site surface water flow (1570 mg/L) and groundwater infiltration (1360 mg/L). Results reported to NYSDEC DER representative during project progress meeting on 9/4/2018 after receipt of results (8/29/2018).

Has event ceased? Yes **If so, when?** 9/14/2018 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 08/22/2018 7:00 am **End date, time of event:** 09/14/2018 7:30 am

Date, time oral notification made to DEC? 09/04/2018 11 am **DEC Official contacted:** Kiera Thompson

Immediate corrective actions: Ion exchange resin change out was delayed prior to sampling. TDS source appears to be not site related. Efforts made to improve control of stormwater flow into site/work area.

Preventive (long term) corrective actions: Due to anticipated native high TDS of wetland complex, working with DER to get relief from TDS criteria. Sampling/monitoring will continue for duration of construction activities.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Chris A. Roberts **Title:** ENV. Coordinator **Date:** 9/27/18

Phone #: (845) 389-9389 **Fax #:** (____) _____

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

X _____

Signature of Principal Executive Officer or Authorized Agent

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Alison Wasserbauer **DEC Region:** 3

Report Type: ___ 5 Day ✓ Permit Violation ___ Order Violation ___ Anticipated Noncompliance ___ Bypass/Overflow ___ Other

SECTION 2

SPDES #: NY- 0281123 **Facility:** Elting's Corners Wetland Remediation

Date of noncompliance: 09/20/2018 **Location (Outfall, Treatment Unit, or Pump Station):** Discharge 001-M

Description of noncompliance(s) and cause(s): Elevated total dissolved solids present in treatment system effluent. Historically, elevated influent TDS have been occurred in low flow months from facility. Additional background testing performed in August (including in completed excavation) identified elevated TDS in off-site surface water flow (1570 mg/L) and groundwater infiltration (1360 mg/L). Results reported to NYSDEC DER representative during project progress meeting after receipt of results.

Has event ceased? Yes **If so, when?** 9/26/2018 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 09/20/2018, 8:00 am **End date, time of event:** 09/26/2018 12 am

Date, time oral notification made to DEC? 09/25/2018, 11 am **DEC Official contacted:** Kiera Thompson

Immediate corrective actions: Water treatment activities completed; no further action. System to be decontaminated and demobilized from the site.

Preventive (long term) corrective actions: Water treatment activities completed; no further action. System to be decontaminated and demobilized from the site.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: Chris DeRoberts **Title:** Env. Coordinator **Date:** 10/12/18

Phone #: (845) 389-9319 **Fax #:** ( )

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

x _____

Signature of Principal Executive Officer or Authorized Agent

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001-M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/1/2018	10/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge [X]

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow rate	SAMPLE MEASUREMENT				******	******	******	******			
00056 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	MGD	******	******	******	******		Continuous	Recorder (auto)
BOD, 5-day, 20 deg. C	SAMPLE MEASUREMENT				******						
00310 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	6 Hour Composite
pH	SAMPLE MEASUREMENT	******	******	******		******					
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	******	******	******	6.5 MINIMUM	******	8.5 MAXIMUM	SU		Daily	Grab
Solids, total suspended	SAMPLE MEASUREMENT				******						
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	20 DAILY MX	mg/L		Weekly	6 Hour Composite
Oil & Grease	SAMPLE MEASUREMENT				******						
00556 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	15 DAILY MX	mg/L		Weekly	Grab
Nitrogen, ammonia total [as N]	SAMPLE MEASUREMENT				******						
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	1.2 DAILY MX	mg/L		Weekly	6 Hour Composite
Nitrogen, Kjeldahl, total [as N]	SAMPLE MEASUREMENT				******						
00625 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	6 Hour Composite

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Chris DeRoberts **Environmental Coordinator**	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	845-486-5734	11/7/18
TYPED OR PRINTED			AREA Code / NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Excavation water approved for discharge as non-impacted water under General SPDES Permit for Construction Activities by DER on 9/25/2018 (removal of contaminated material completed on 9/6/2018). Stormwater best management practices in place in accordance with General SPDES Permit. Water treatment system dismantling in progress and no future discharge under this SPDES permit will be performed. The closure notification submitted to Division of Water Region 3 engineer on 10/25/2018.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040- 0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if*
NAME: CENTRAL HUDSON GAS & ELECTRIC CORPORA
ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001- M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/1/2018	10/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge [X]

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Acenaphthylene	SAMPLE MEASUREMENT				******						
34200 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
Acenaphthene	SAMPLE MEASUREMENT				******						
34205 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	5.3 DAILY MX	ug/L		Weekly	Grab
Anthracene	SAMPLE MEASUREMENT				******						
34220 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	3.8 DAILY MX	ug/L		Weekly	Grab
Benzo[k]fluoranthene	SAMPLE MEASUREMENT				******						
34242 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	70 DAILY MX	ng/L		Weekly	Grab
Benzo[a]pyrene	SAMPLE MEASUREMENT				******						
34247 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	90 DAILY MX	ng/L		Weekly	Grab
Chrysene	SAMPLE MEASUREMENT				******						
34320 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	600 DAILY MX	ng/L		Weekly	Grab
Fluoranthene	SAMPLE MEASUREMENT				******						
34376 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
Chris DeRoberts **Environmental Coordinator** TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	845-486-5734 AREA Code / NUMBER	11/7/18 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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Form Approved
OMB No. 2040- 0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*
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ADDRESS: 284 SOUTH AVENUE
POUGHKEEPSIE, NY 12601
FACILITY: ELTING'S CORNERS WETLAND REMEDIATION
LOCATION: 24 SOUTH STREET
LLOYD, NY 12601
ATTN: CHRIS DE ROBERTS

NY0281123	001- M
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/1/2018	10/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
(SUBR 03)
REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge [X]

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fluorene	SAMPLE MEASUREMENT				******						
34381 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	800 DAILY MX	ng/L		Weekly	Grab
Indeno[1,2,3- cd]pyrene	SAMPLE MEASUREMENT				******						
34403 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
Phenanthrene	SAMPLE MEASUREMENT				******						
34461 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	5 DAILY MX	ug/L		Weekly	Grab
Pyrene	SAMPLE MEASUREMENT				******						
34469 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	1 DAILY MX	ug/L		Weekly	Grab
Benzo[ghi]perylene	SAMPLE MEASUREMENT				******						
34521 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
Benzo[a]anthracene	SAMPLE MEASUREMENT				******						
34526 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	50 DAILY MX	ng/L		Weekly	Grab
Dibenzo[a,h]anthracene, dry weight	SAMPLE MEASUREMENT				******						
34559 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab

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Chris DeRoberts **Environmental Coordinator**	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	845-486-5734	11/7/18
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Form Approved
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PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
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10/1/2018	10/31/2018

DMR Mailing ZIP CODE: 12601
MINOR
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REMEDIATION SYSTEM DISCHARGE STORM
External Outfall

No Discharge [X]

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Naphthalene	SAMPLE MEASUREMENT				******						
34696 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	10 DAILY MX	ug/L		Weekly	Grab
PCB-1254	SAMPLE MEASUREMENT				******						
39504 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
PCB-1260	SAMPLE MEASUREMENT				******						
39508 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	200 DAILY MX	ng/L		Weekly	Grab
Solids, total dissolved	SAMPLE MEASUREMENT				******						
70295 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	lb/d	******	Req. Mon. MO AVG	500 DAILY MX	mg/L		Weekly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE
Chris DeRoberts **Environmental Coordinator**	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	**845-486-5734**		11/7/18
TYPED OR PRINTED			AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Excavation water approved for discharge as non-impacted water under General SPDES Permit for Construction Activities by DER on 9/25/2018 (removal of contaminated material completed on 9/6/2018). Stormwater best management practices in place in accordance with General SPDES Permit. Water treatment system dismantling in progress and no future discharge under this SPDES permit will be performed. The closure notification submitted to Division of Water Region 3 engineer on 10/25/2018.

Project: CHGE Elting's Corners Wetland Remediation (Site #: 356045), Lloyd, New York
Subject: Total Dissolved Solids Sample Results

This document summarizes results of total dissolved solids (TDS) samples collected around the above referenced project site. Table 1 presents elevated TDS readings collected prior to construction activities (i.e., pre-existing, undisturbed conditions. Table 2 summarizes results from samples collected around the project area during construction to identify potential TDS inputs to the construction water being processed at the onsite water treatment system.

Table 1. Elting's Corners Facility Elevated TDS Results (Pre-Construction)

Year	Date	SPDES Outfall (A)	Fire Pond (B)
2014	6/2	680 mg/L	No sample taken
	7/7	535 mg/L	No sample taken
	8/11	675 mg/L	625 mg/L
	8/28	600 mg/L	615 mg/L
2015	8/3	580mg/l	No sample taken
2016	4/28	535 mg/L	880 mg/L
	6/30	510 mg/L	No sample taken
2017	7/6	715 mg/L	665 mg/L
	7/31	760 mg/L	730 mg/L

Table 2. TDS Results Around Project Area During Construction

Location	Figure ID	Sample Date	TDS (mg/L)	Notes
Channel	A	7/5/2018	**1,030**	Collected prior to disturbance of impacted sediment at outfall.
Fire Pond	B	7/5/2018	**794**	Bypassed around excavation per work plan
Fire Pond	B	8/7/2018	211	Bypassed around excavation per work plan
Wetland (West)	C	8/8/2018	454	Collected upgradient of completed excavation area at time of sample
Groundwater (West)	D	8/8/2018	**889**	From groundwater spring in completed excavation (input/background concentration)
Wetland (East)	E	8/8/2018	**1,570**	From upgradient drainage feature outside work area (input/background concentration)
Groundwater Spring in Completed Excavation	F	8/30/2018	**1,360**	Collected after removal of all impacted sediment from groundwater spring (input/background concentration). Remaining effort is backfill of clean materials.

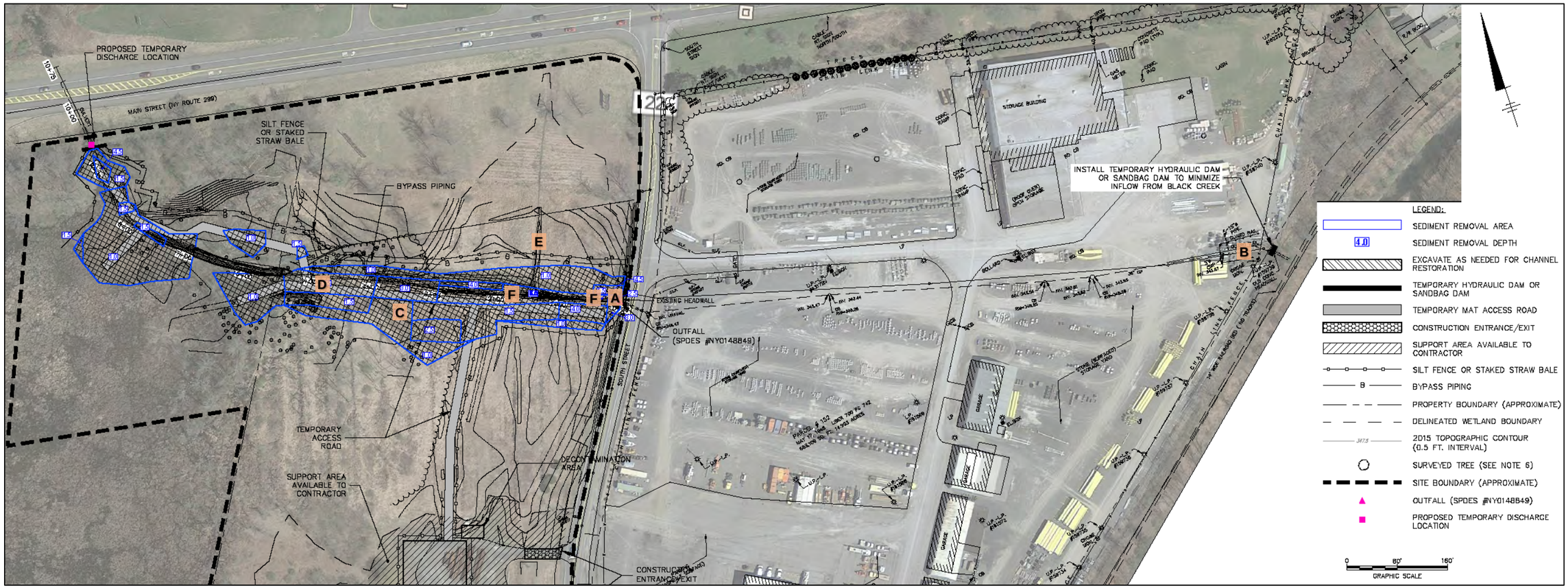


Figure 1. Approximate location of TDS sampling points around project area before and during construction.

APPENDIX J

Embayment Sampling

Table
Embayment Analytical Sample Results
Central Hudson Gas & Electric Corporation
Elting's Corners Facility
Lloyd, New York

Location ID: Sample Depth(ft): Date Collected:	CAS Number	Units	Embay-1 0-0.5 06/12/18	Embay-1 1-1.5 06/12/18	Embay-2 0-0.5 06/12/18	Embay-2 1-1.5 06/12/18	Embay-3 0-0.5 06/12/18	Embay-3 1-1.5 06/12/18	Embay-4 0-0.5 06/12/18	Embay-4 1-1.5 06/12/18	Embay-5 0-0.5 06/26/18	Embay-5 1-1.5 06/26/18
Polychlorinated biphenyls (PCBs)												
Aroclor 1016	12674-11-2	µg/kg	55 U	38 U	53 U	41 U	49 U	39 U [42 U]	66 U	41 U	40 U	41 U
Aroclor 1221	11104-28-2	µg/kg	55 U	38 U	53 U	41 U	49 U	39 U [42 U]	66 U	41 U	40 U	41 U
Aroclor 1232	11141-16-5	µg/kg	55 U	38 U	53 U	41 U	49 U	39 U [42 U]	66 U	41 U	40 U	41 U
Aroclor 1242	53469-21-9	µg/kg	55 U	38 U	53 U	41 U	49 U	39 U [42 U]	66 U	41 U	40 U	41 U
Aroclor 1248	12672-29-6	µg/kg	55 U	38 U	53 U	41 U	49 U	39 U [42 U]	66 U	41 U	40 U	41 U
Aroclor 1254	11097-69-1	µg/kg	55 U	38 U	53 U	41 U	49 U	39 U [42 U]	66 U	41 U	40 U	41 U
Aroclor 1260	11096-82-5	µg/kg	**168**	38 U	**117**	41 U	**114**	**13.7 J** [42 U]	**126**	41 U	40 U	41 U
Aroclor 1262	37324-23-5	µg/kg	55 U	38 U	53 U	41 U	49 U	39 U [42 U]	66 U	41 U	40 U	41 U
Aroclor 1268	11100-14-4	µg/kg	55 U	38 U	53 U	41 U	49 U	39 U [42 U]	66 U	41 U	40 U	41 U
Total PCBs	1336-36-3	µg/kg	**168**	ND	**117**	ND	**114**	**13.7** [ND]	**126**	ND	ND	ND

Location ID: Sample Depth(ft): Date Collected:	CAS Number	Units	Embay-6 0-0.5 06/26/18	Embay-6 1-1.5 06/26/18	Embay-7 0-0.5 06/26/18	Embay-7 1-1.5 06/26/18	Embay-8 0-0.5 06/26/18	Embay-8 1-1.5 06/26/18	Embay-9 0-0.5 06/26/18	Embay-9 1-1.5 06/26/18
Polychlorinated biphenyls (PCBs)										
Aroclor 1016	12674-11-2	µg/kg	110 U	44 U	39 U	40 U [44 U]	43 U	39 U	40 U	40 U
Aroclor 1221	11104-28-2	µg/kg	110 U	44 U	39 U	40 U [44 U]	43 U	39 U	40 U	40 U
Aroclor 1232	11141-16-5	µg/kg	110 U	44 U	39 U	40 U [44 U]	43 U	39 U	40 U	40 U
Aroclor 1242	53469-21-9	µg/kg	110 U	44 U	39 U	40 U [44 U]	43 U	39 U	40 U	40 U
Aroclor 1248	12672-29-6	µg/kg	110 U	44 U	39 U	40 U [44 U]	43 U	39 U	40 U	40 U
Aroclor 1254	11097-69-1	µg/kg	110 U	44 U	39 U	40 U [44 U]	43 U	39 U	40 U	40 U
Aroclor 1260	11096-82-5	µg/kg	110 U	44 U	**45.5**	40 U [44 U]	**129**	**15.9 J**	40 U	40 U
Aroclor 1262	37324-23-5	µg/kg	110 U	44 U	39 U	40 U [44 U]	43 U	39 U	40 U	40 U
Aroclor 1268	11100-14-4	µg/kg	110 U	44 U	39 U	40 U [44 U]	43 U	39 U	40 U	40 U
Total PCBs	1336-36-3	µg/kg	ND	ND	**45.5**	ND [ND]	**129**	**15.9**	ND	ND

Note:
1. Samples collected by Arcadis.
2. Detections are bolded.
3. Total PCB concentrations that exceed Class A Sediment Guidance Values are shaded.

Acronyms, Abbreviations and Data Qualifiers:

[ ] - Indicates duplicate sample result.
µg/kg - Micrograms per kilogram.
J - Estimated concentration.
ND - Not detected.
U - Analyte was not detected at the associated reporting limit.□

APPENDIX K

Post-Inundation Documentation

From: Chris DeRoberts <CDeRoberts@cenhud.com>
Sent: Friday, August 10, 2018 12:31 PM
To: Kohler, Amanda; Kroening, Matthew; Ranny Mccormick (rmccormick@abscope.com); Jonathan LeMessurier
Cc: Ketcham, Lance; Justin VanCoughnett; Mark McLean
Subject: FW: CHGE Elting's Excavation Sampling Approach 356045
Attachments: Elting's Post-Excavation Re-Impact Sampling Approach.docx

All,

See below for Kiera's approval of our sampling plan (attached) for the excavation areas by Rt 299 that were potentially cross contaminated by the 7/25 storm. Note the need to provide Kiera with the lab results and have a discussion with her prior to taking any action.

We should keep these cells dewatered to the best of our ability in preparation for this sampling and it may become a priority over excavation when we learn DOT's schedule since we'll need to sample, get results and conduct any additional remedial action prior to the start of DOT's work.

Thanks-

Chris DeRoberts
Environmental Coordinator
Division of Environmental Affairs
Central Hudson Gas & Electric Corporation
284 South Avenue
Poughkeepsie, NY 12601

Phone: (845) 486-5734
Cell: (845) 389-9319
Fax: (845) 486-5984
email: cderoberts@cenhud.com

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From: Thompson, Kiera A (DEC) [mailto:kiera.thompson@dec.ny.gov]
Sent: Thursday, August 09, 2018 4:22 PM
To: Chris DeRoberts
Cc: Wayne Mancroni; Mark McLean; Herman, David A (DEC); Heitzman, George (DEC); Deyette, Scott (DEC)
Subject: RE: CHGE Elting's Excavation Sampling Approach 356045

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Chris:

Thanks for the proposed sampling plan memo, I do not need anything more formal than this.

Your plan follows DER-10's confirmatory sampling frequency in the channel (and other depositional or low-lying areas), and in the affected wetland areas outside the channel, follows a 50-foot grid sampling frequency. I approve your

confirmatory sampling method provided that areas in the rest of the affected wetland area (lower sampling frequency) are biased toward locations within each grid which visually appear to have received more deposition.

I would also like to add that if there is evidence that contaminated sediments were indeed deposited within the affected area, the Department would like to participate in a discussion with Central Hudson prior to any actions being taken.

I am on vacation starting now and will return to the office on Monday 8/20. I plan on being on-site for the weekly meeting on Tuesday 8/21. In my absence next week, please first contact Dave Herman, Scott Deyette, and George Heitzman may also be contacted should an emergent issue arise. I believe Dave will be participating in the weekly meeting on 8/14.

Thanks!
Kiera

From: Chris DeRoberts [mailto:CDeRoberts@cenhud.com]
Sent: Thursday, August 09, 2018 1:13 PM
To: Thompson, Kiera A (DEC) <kiera.thompson@dec.ny.gov>
Cc: Wayne Mancroni <WMancroni@cenhud.com>; Mark McLean <MMcLean@cenhud.com>
Subject: RE: CHGE Elting's Excavation Sampling Approach

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Kiera,

I don't recall whether this required a formal submission but attached is a memo outlining our proposed approach for post-excavation sampling in the cells closest to the Route 299 culvert. Let me know if you have any comments on the memo and also if you need it as a formal submission.

Thanks!

Chris DeRoberts
Environmental Coordinator
Division of Environmental Affairs
Central Hudson Gas & Electric Corporation
284 South Avenue
Poughkeepsie, NY 12601

Phone: (845) 486-5734
Cell: (845) 389-9319
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ed. Any opinions or other information in this email that do not relate to the official business of Arcadis are neither given nor endorsed by it.

Memo

To: Kiera Thompson

From: Chris DeRoberts

Re: Post-Excavation Sampling of Inundated Areas
Elting's Corners RCRA Facility Investigation
Town of Lloyd, Ulster County, New York
Site #356045

The purpose of this memo is to propose the approach to address areas where excavation was completed to depth and that were subsequently inundated with runoff from upstream work areas. Such an event occurred on July 25, 2018 following a 1-inch rainfall over a short duration that overwhelmed the bypass system causing stormwater to enter the upstream work area and breach the berm constructed to separate the completed excavation area from upstream work areas. On July 26, 2018, New York State Department of Environmental Conservation (NYSDEC) noted concerns for re-impacting completed excavation through deposition if stormwater runoff from the upstream work areas (where excavation was not completed) suspended potentially impacted material.

The approach outlined below was developed in consideration of the NYSDEC-approved Remedial Action Work Plan (RAWP) for the site, current field conditions (e.g., preferential depositional areas), previous site sampling protocols, professional experience and DER-10 guidance for confirmation sampling.

Post-Excavation Sampling

To document the potential concentration of polychlorinated biphenyls (PCBs) at the excavations surface, sampling will be performed as follows:

- Channel Area: One sample per 900 square feet of excavation bottom
- Wetland Areas: One sample per 2,500 square feet of excavation bottom (minimum one sample per area)

The above sampling frequency provides a more frequent sampling in naturally lower lying area (i.e., channel areas) that meets DER-10 sampling frequency for excavation bottom sampling. For the wetland areas, a lower frequency was selected (equivalent to a 50-foot grid) and is based on similar sampling frequencies used for other PCB wetland remediation projects in New York State. Sidewall samples are not warranted based on depositional conditions, most likely to occur along excavation bottoms.

The approximate location of samples to be collected based on the excavations completed prior to the July 25, 2018 inundation are shown in Figure 1 below. Actual locations of samples will be determined in the field but will generally fall within the subareas identified in the figure. Sample locations will be identified in the field based on conditions at the time of sampling and will be collected from observed deposition areas (i.e., locations where loose sediments are present) or low-lying areas (likely depositional areas). To focus on potential depositions, samples will be collected from the top 1 to 2 inches of material (unless thicker deposits are observed). Samples will be submitted for PCB analysis consistent with previous sampling performed onsite (as described in the RAWP). Sampling of the inundated area will be scheduled in advance of backfilling activities within the area in consideration of site activities (including the DOT Rail Trail project), production rates, and weather forecasts and with the intent to mitigate potential for future inundation occurring between the time of sampling and backfill.

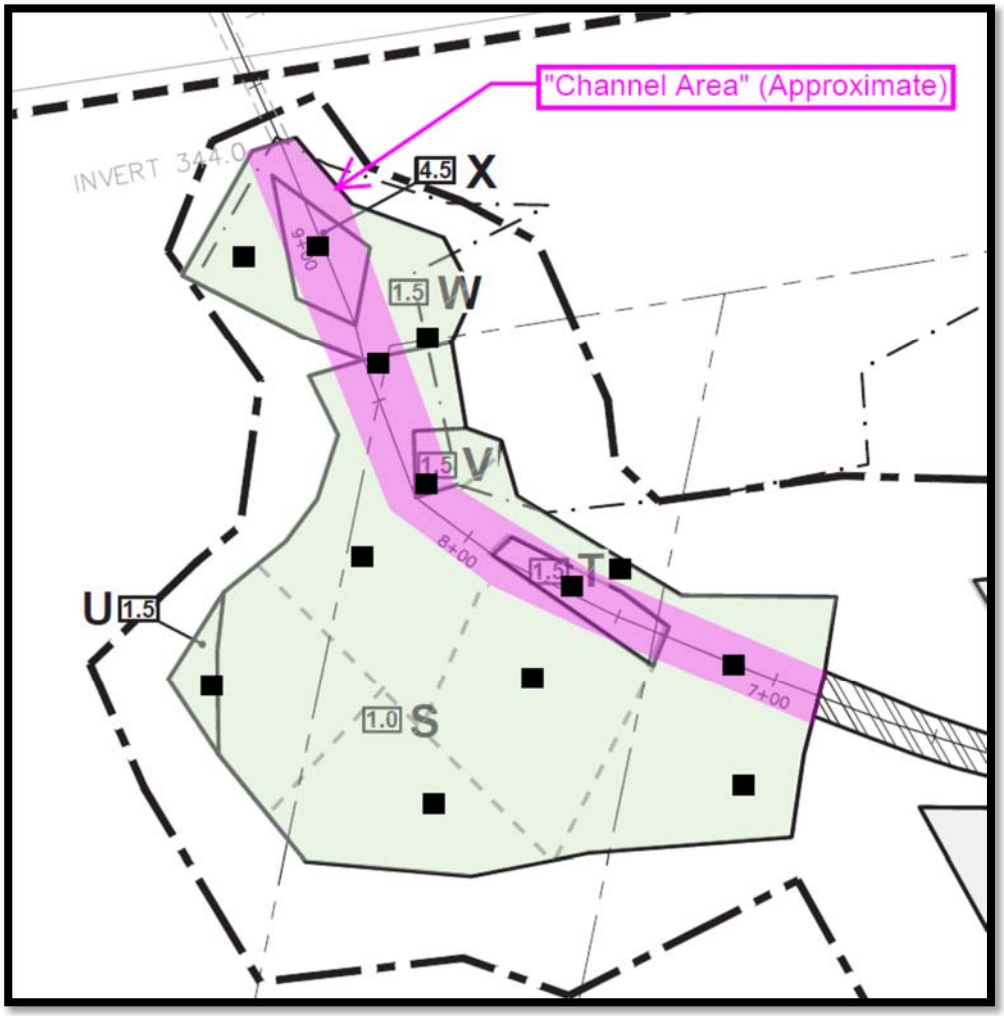


Figure 1. Example sample layout based on excavation completed as of the July 25 storm event. Proposed sample locations are shown as black squares, with the areas represented by each sample indicated by grey dashed lines.

Sample Result Evaluation

Analytical results will be compared to the Class A sediment guidance values for PCBs and the results provided to NYSDEC by email after receipt. If the analytical results show that post-excavation samples meet Class A sediment guidance values, the results will be forwarded to NYSDEC and the area will be released for backfill. If analytical results show that one or more post-excavation samples do not meet Class A sediment guidance values, CHGE reserves the right to perform additional (step-out) samples to refine the area of impacts.

Where Class A sediment guidance values are exceeded, the area(s) represented by the sample(s) (defined as the area halfway between adjacent samples) will have additional removal performed to remove the top 1 to 2 inches of surface material (or deeper if deeper deposits are noted during sampling). Once the surface removal is complete, the area will be visually inspected with the NYSDEC representative onsite to confirm all loose sediments have been removed from the area and backfill will be allowed to proceed.

If you have any questions or concerns regarding the above, please do not hesitate to contact me.

Subject: RE: CHGE Elting's Post-Excavation Sampling results #356045

From: Thompson, Kiera A (DEC) [mailto:kiera.thompson@dec.ny.gov]
Sent: Wednesday, August 29, 2018 10:56 AM
To: Deroberts, Christopher
Cc: Mancroni, Wayne; Mclean, Mark; Carpenter, Kevin J (DEC); Herman, David A (DEC); Dawson, Jennifer R (DEC)
Subject: RE: CHGE Elting's Post-Excavation Sampling results #356045

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Dear Chris,

Thank you for the figures, tables, and the below description of the proposed work to address the recontamination of a previously excavated area at the Eltings Corners site. Recontamination in the area occurred during a storm event where water in contact with contaminated sediments overtopped berms separating a previously "clean," excavated area. A NYSDEC-approved sampling effort of the affected areas occurred recently which collected sediments from 0-2" depth at a frequency in accordance with DER-10.

The NYSDEC approves the below proposal with one modification: since NYSDEC is not requiring confirmatory sampling after the 6" of material is removed from the affected re-contaminated area, please extend the proposed re-excavation area in cells V and W to an assumed clean point. I've attached a marked-up figure showing where the Department would like to see the re-excavation extended (pink shading).

Please also note that yesterday, Jenn Dawson from our Division of Fish & Wildlife discussed directly with Arcadis her preference of spraying herbicide on any phragmites which has already sprung up in previously excavated areas, as well as any other surrounding areas which are accessible and make sense. She also mentioned that spray could be applied prior to laying mats down between cells S and P (for facilitation of equipment needed for backfilling) across the undisturbed area we discussed yesterday. She maintains spraying will inhibit the plant from invading restored plantings and seedings, and improve the performance of natives in the area as per the forthcoming Invasive Species Monitoring Plan. She says the seasonal timing is very good to spray, and that the spray should be applied at a minimum of 48-hours prior to backfilling to allow the plant to soak up the herbicide.

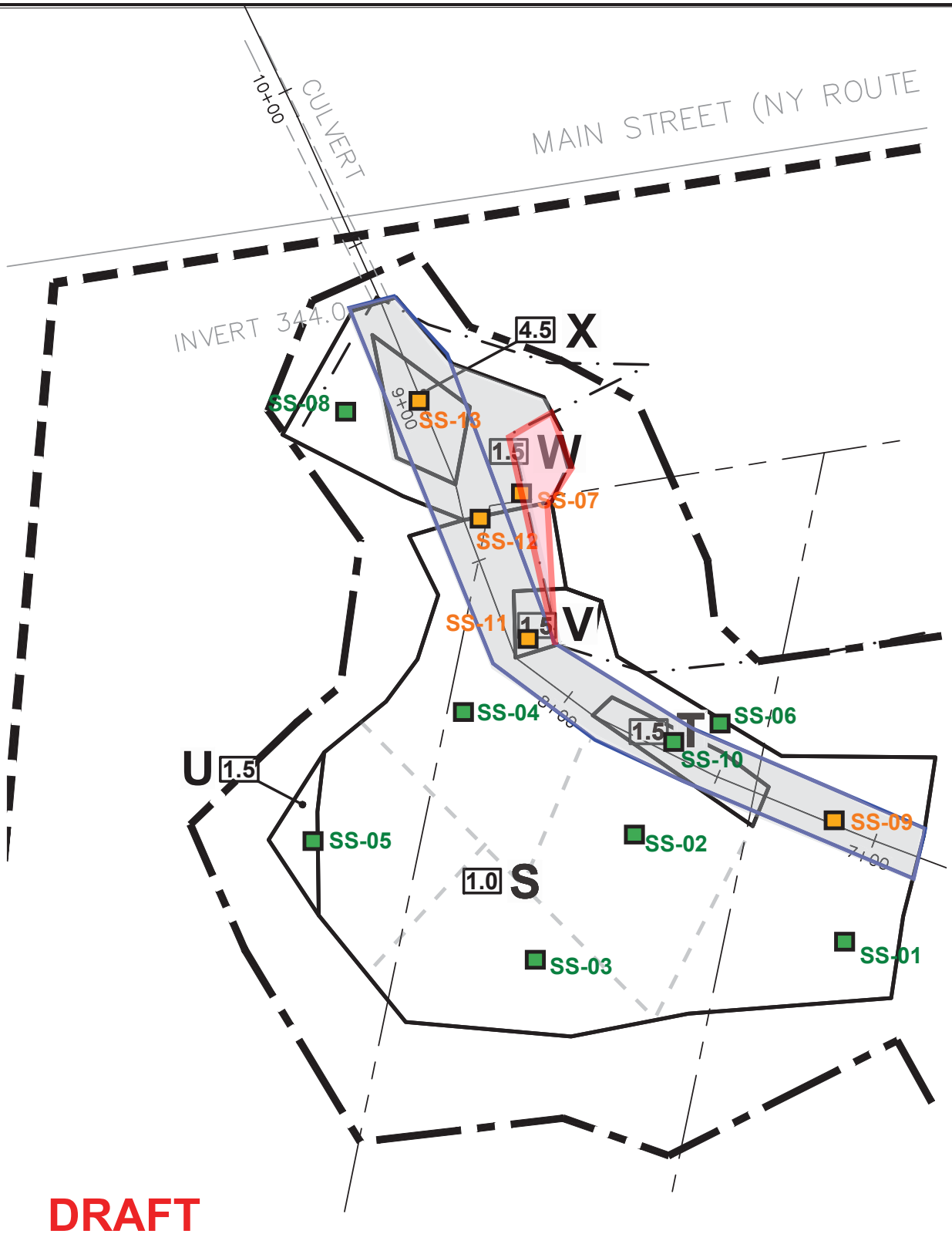
Please let me know if you have any questions or issues with this modified approval and/or the herbicide application. Dave Herman is at the site today, as you know, and will also be covering tomorrow.

Thanks,

Kiera Thompson
Project Manager, Division of Environmental Remediation

New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7014
P: (518) 402-9662 | F: (518) 402-8050 | kiera.thompson@dec.ny.gov

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DRAFT

WORKING FIGURE

POST-EXCAVATION SAMPLE (APPROXIMATE) - CLASS A RESULT

POST-EXCAVATION SAMPLE (APPROXIMATE) - CLASS B RESULT

APPROXIMATE CHANNEL LOCATION

PROPOSED RE-EXCAVATION AREA

0 40' 80'

C.H.G.E CORP.
ELTINGS CORNERS PROPERTY
SOUTH STREET, TOWN OF LLOYD,
ULSTER COUNTY, NEW YORK

POST- EXCAVATION SAMPLE SUMMARY

ARCADIS Design & Consultancy for natural and built assets

FIGURE
A

From: Deroberts, Christopher [mailto:CDeRoberts@cenhud.com]
Sent: Monday, August 27, 2018 11:37 AM
To: Thompson, Kiera A (DEC) <kiera.thompson@dec.ny.gov>
Cc: Mancroni, Wayne <WMancroni@cenhud.com>; Mclean, Mark <MMcLean@cenhud.com>
Subject: RE: CHGE Elting's Post-Excavation Sampling results

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Kiera,

Attached are the results of the post-excavation sampling performed in the downstream portion of the site that was inundated following the July 25, 2018 storm event. Sampling was performed on August 16 and August 17, 2018 consistent with the approach approved by DEC on August 9, 2018 and include collecting surface material (1 to 2-inches) from 13 locations. As shown in the attached, concentrations above the Class A sediment guidance value were reported at 4 of the 5 channel samples and the wetland sample SS-07. These five samples all meet Class B sediment guidance values.

To address these materials, it is proposed that 6-inches of additional removal be performed to the extent practicable within the entire section of channel and within the wetland associated with SS-07 as shown in grey in Figure A. Although a removal of 1-2 inches of surface material was proposed in the approach approved by DEC, CHGE proposes to more conservatively remove 6 inches where practicable to ensure the depositional material is fully removed. This conservative approach will allow for removal of deposits and create a surface of native material to allow for restoration to proceed without delay. Consistent with the August 9, 2018 memo, implementation of this work will be documented through visual inspections.

Let us know your thoughts on this approach and perhaps we can review when you are on site tomorrow.

Thanks!

Chris DeRoberts
Environmental Coordinator
Division of Environmental Affairs
Central Hudson Gas & Electric Corporation
284 South Avenue
Poughkeepsie, NY 12601

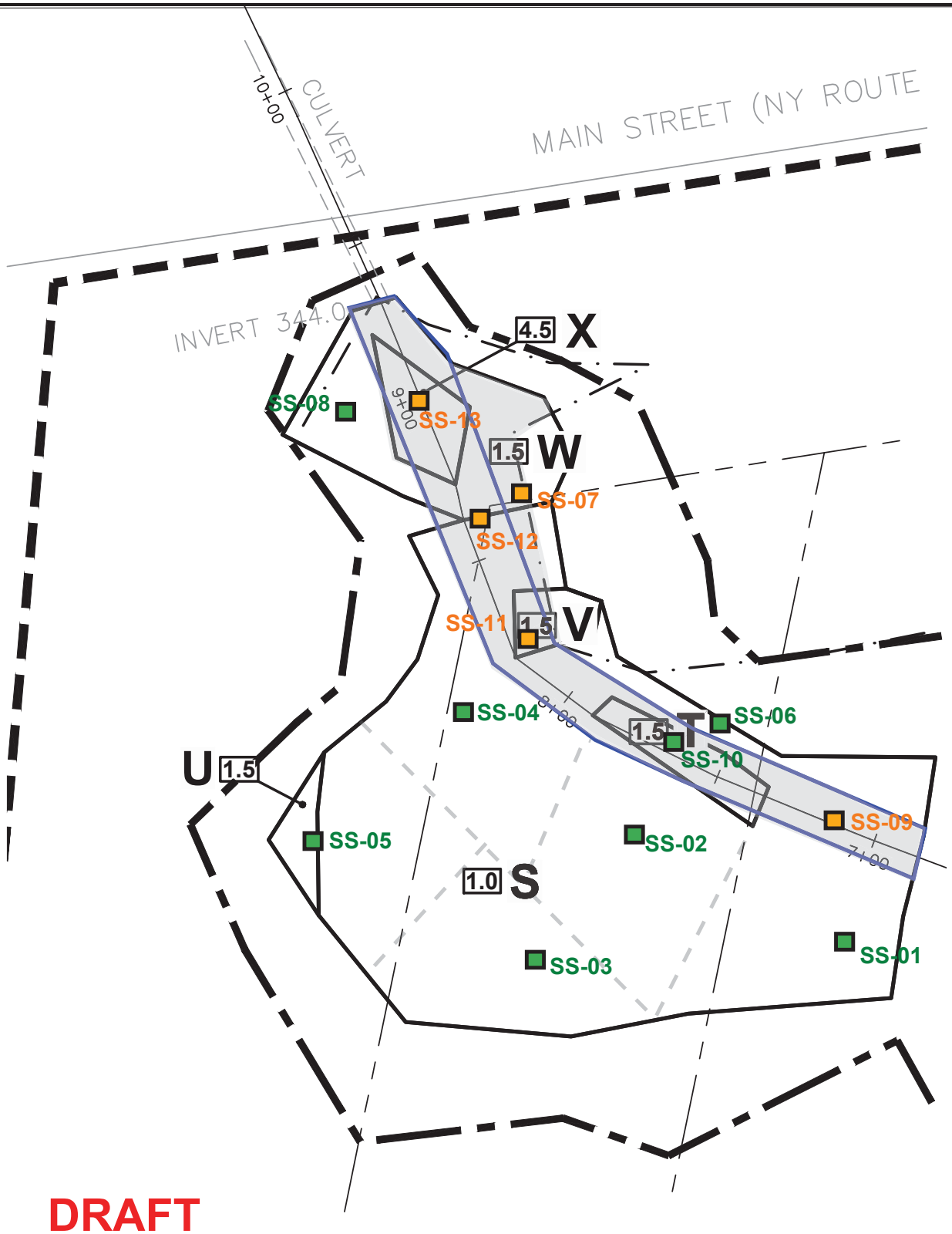
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Subject: RE: CHGE Elting's Excavation Sampling Approach 356045

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Chris:



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WORKING FIGURE

- POST-EXCAVATION SAMPLE (APPROXIMATE) - CLASS A RESULT
- POST-EXCAVATION SAMPLE (APPROXIMATE) - CLASS B RESULT
- APPROXIMATE CHANNEL LOCATION
- PROPOSED RE-EXCAVATION AREA

0 40' 80'

C.H.G.E CORP.
ELTINGS CORNERS PROPERTY
SOUTH STREET, TOWN OF LLOYD,
ULSTER COUNTY, NEW YORK

POST- EXCAVATION SAMPLE SUMMARY

ARCADIS Design & Consultancy for natural and built assets

FIGURE
A





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WORKING FIGURE

C.H.G.E CORP.
ELTINGS CORNERS PROPERTY
SOUTH STREET, TOWN OF LLOYD,
ULSTER COUNTY, NEW YORK

PHOTOS

ARCADIS Design & Consultancy for natural and built assets

FIGURE
B

Table
Post-Excavation Sample Results
Central Hudson Gas & Electric Corporation
Elting's Corners Facility
Lloyd, New York

Location ID: / Date Collected:	CAS Number	Units	SS-01 08/16/18	SS-02 08/16/18	SS-03 08/16/18	SS-04 08/16/18	SS-05 08/16/18	SS-06 08/16/18	SS-07 08/16/18
Polychlorinated biphenyls (PCBs)									
Aroclor 1016	12674-11-2	µg/kg	40 U	41 U	40 U	43 U	45 U	44 U	53 U
Aroclor 1221	11104-28-2	µg/kg	40 U	41 U	40 U	43 U	45 U	44 U	53 U
Aroclor 1232	11141-16-5	µg/kg	40 U	41 U	40 U	43 U	45 U	44 U	53 U
Aroclor 1242	53469-21-9	µg/kg	40 U	41 U	40 U	43 U	45 U	44 U	53 U
Aroclor 1248	12672-29-6	µg/kg	40 U	41 U	40 U	43 U	45 U	44 U	53 U
Aroclor 1254	11097-69-1	µg/kg	40 U	41 U	40 U	43 U	45 U	44 U	53 U
Aroclor 1260	11096-82-5	µg/kg	40 U	41 U	40 U	**51.9**	**79.1**	**82.9**	**268**
Aroclor 1262	37324-23-5	µg/kg	40 U	41 U	40 U	43 U	45 U	44 U	53 U
Aroclor 1268	11100-14-4	µg/kg	40 U	41 U	40 U	43 U	45 U	44 U	53 U
Total PCBs	1336-36-3	µg/kg	ND	ND	ND	**51.9**	**79.1**	**82.9**	**268**
Percent Solids	--	%	81.9	81.1	82.9	77.1	73.5	75.6	62.5

Location ID: / Date Collected:	CAS Number	Units	SS-08 08/16/18	SS-09 08/16/18	SS-10 08/16/18	SS-11 08/16/18	SS-12 08/16/18	SS-13 08/17/18
Polychlorinated biphenyls (PCBs)								
Aroclor 1016	12674-11-2	µg/kg	53 U	94 U	51 U	60 U	52 U	61 U
Aroclor 1221	11104-28-2	µg/kg	53 U	94 U	51 U	60 U	52 U	61 U
Aroclor 1232	11141-16-5	µg/kg	53 U	94 U	51 U	60 U	52 U	61 U
Aroclor 1242	53469-21-9	µg/kg	53 U	94 U	51 U	60 U	52 U	61 U
Aroclor 1248	12672-29-6	µg/kg	53 U	94 U	51 U	60 U	52 U	61 U
Aroclor 1254	11097-69-1	µg/kg	53 U	94 U	51 U	60 U	52 U	61 U
Aroclor 1260	11096-82-5	µg/kg	**97.3**	**325**	**19.7 J**	**702**	**124**	**136**
Aroclor 1262	37324-23-5	µg/kg	53 U	94 U	51 U	60 U	52 U	61 U
Aroclor 1268	11100-14-4	µg/kg	53 U	94 U	51 U	60 U	52 U	61 U
Total PCBs	1336-36-3	µg/kg	**97.3**	**325**	**19.7**	**702**	**124**	**136**
Percent Solids	--	%	62.1	34.6	64.6	55.4	63.4	53.7

Note:
1. Samples collected by Arcadis.
2. Detections are bolded.
3. Total PCB concentrations that exceed Class A Sediment Guidance Values are shaded.

Acronyms, Abbreviations and Data Qualifiers:

[ ] - Indicates duplicate sample result.
µg/kg - Micrograms per kilogram.
J - Estimated concentration.
ND - Not detected.
U - Analyte was not detected at the associated reporting limit.

RE-EXCAVATION PHOTOGRAPH LOG

Central Hudson Gas & Electric Corporation
Elting's Corners Facility Wetland Remediation



Photograph 1: Section 1 Prior to Additional Excavation



Photograph 2: Section 1 After Additional Excavation



Photograph 3: Section 2 Prior to Additional Excavation



Photograph 4: Section 2 After Additional Excavation



Photograph 5: Section 3 Prior to Additional Excavation



Photograph 6: Section 3 After Additional Excavation

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